

UNIVERGE SV9500

FP95-115 V5

PCPro Setup Manual

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UNIVERGE SV9500 PCPro Setup Manual

TABLE OF CONTENTS

	Page
CHAPTER 1 Introduction	1
1. Purpose	2
2. Outline of This Manual	2
CHAPTER 2 PCPro Overview	3
1. What is PCPro?	4
2. Operating Environments and Conditions	5
2.1 Operating Environment of PC	5
2.2 PCPro Version Number	7
2.3 Operating Conditions	9
3. Service Conditions for PCPro	11
CHAPTER 3 Setting Up PCPro	12
1. Installing PCPro	13
1.1 Installing PCPro on Maintenance PC	13
2. Installing PCPro on Server	14
2.1 Server Setting	14
2.2 RD Web Access Setting	15
2.3 RDS License Server Setting	15
2.4 Client PC Settings	16
3. Starting PCPro	17
3.1 Starting PCPro for Maintenance PC	17
3.2 Starting PCPro when Remote Desktop Services is used	17
3.2.1 Starting PCPro with RemoteApp Program using RD Web Access	17
3.2.2 Using RD Web Access to Start PCPro with Remote Desktop Connection	18
3.2.3 Starting PCPro Using Files Distributed from Server	18
3.2.4 Starting PCPro Using Remote Desktop Connection	19
4. Connection Between PCPro and Telephony Server	20
4.1 Serial/Direct Connection	20
4.1.1 Hardware Requirements	20
4.2 Serial/Dial-up Connection	21
4.3 TCP/IP Connection	23
4.3.1 Connection Method	23
4.3.2 Hardware Requirements	24
4.4 Modem Setting on IOC Side	24
4.5 Modem Setting on PCPro Side	28
5. Communication Link with the Telephony Server	33
5.1 Establishing a Link	33
6. Disconnecting the Communication Link	35

TABLE OF CONTENTS (CONTINUED)

	Page
7. Security Setting for PCPro	35
7.1 User Account Setting	35
7.2 Login Grade Setting	35
8. Exiting out of PCPro	36
CHAPTER 4 PCPro Window Layout	37
1. PCPro Window Component Names and Functions	38
2. Main Menu	41
3. Shortcut Key	46
4. Toolbar	47
5. Sub Menu	48
5.1 Mode Selector Tabs	48
5.2 Command Mode	49
5.3 Search Mode	50
5.4 Window Mode	51
5.5 Status Bar	52
6. Scan Toolbar	53
CHAPTER 5 Various Settings of PCPro	54
1. Connection Account Setting	55
2. Activate	59
3. User Account Setting	61
4. How to Change Password	63
5. Login Grade Setting	65
CHAPTER 6 Command Operation	67
1. Telephone Icon Command	68
1.1 Menu	69
1.2 Search within the Parameter Description	70
1.2.1 Shortcut Key	71
2. Other Icon Command	72
2.1 Shortcut Key	72
3. Listup Report for Telephone Icon Command	73
3.1 Menu	75
3.2 Record Navigator	76
3.3 Search Bar	77
3.4 Shortcut Key	78
4. Listup Report for Other Icon Command	79
CHAPTER 7 QuickPro	80
1. General	81
2. Service Conditions for QuickPro	83
3. QuickPro Window Layout	85
3.1 QuickPro Window Component Names and Functions	85
3.1.1 QuickPro Main Window	85
3.1.2 Main Menu	86

TABLE OF CONTENTS (CONTINUED)

	Page
3.1.3 System Information Dialog	87
3.1.4 Tab	88
3.1.5 Status Bar	94
4. Log Management Window	95
4.1 Main Menu	96
4.2 Log Display Window	97
5. Procedures to Create/Register Data	100
5.1 Starting QuickPro	101
5.2 System Information Setting	102
5.3 Data File Creation	103
5.3.1 Exporting Template	103
5.3.2 Exporting the Listup Report	105
5.4 Editing Data File	107
5.4.1 Conditions for Data File	107
5.4.2 Conditions Specific to Commands	112
5.4.3 Editing Data File with Excel	118
5.5 Order File Creation	127
5.5.1 Conditions for Order File	127
5.5.2 Order File Creation with QuickPro	128
5.5.3 Order File Creation with Excel	131
5.6 Data Check	133
5.7 Applying Process	137
6. QuickPro Command List	140
6.1 Business Command	140
6.2 ACD Command	150
6.3 Maintenance Command	151
7. Error Message List	152
7.1 Main Window	152
7.2 Batch Processing Tab	153
7.3 Template of Data File Tab	155
7.4 System Information Dialog	155
7.5 Log Management Window	155
APPENDIX	APP-1
1. Uninstalling of PCPro	APP-2
1.1 Uninstalling of PCPro from Maintenance PC	APP-2
1.2 Uninstalling of PCPro when Remote Desktop Services is used	APP-2
1.2.1 Uninstalling PCPro from Server	APP-2
1.2.2 In Case RDF File is Distributed	APP-2
1.2.3 In Case MSI File is Distributed	APP-2
2. PCPro Error Message List	APP-3
2.1 Exit	APP-6
2.2 Connect	APP-6
2.3 Disconnect	APP-7
2.4 Connection Account Setting	APP-7
2.5 Activate	APP-9

TABLE OF CONTENTS (CONTINUED)

	Page
2.6 User Account Setting.....	APP-9
2.7 Password Change.....	APP-10
2.8 Login Grade Setting	APP-11



CHAPTER 1

Introduction



1. Purpose

This manual covers procedures for installing “SV9500 PC Programming” (hereinafter called “PCPro” or “SV9500 PCPro”) as an application tool for installation and maintenance of UNIVERGE SV9500 (hereinafter called “SV9500”). Procedures for communication setting with the SV9500 and system data setting are also included in this manual.

Note: This manual includes information on SV8500.

Note: For the details of each command to be used on PCPro, see Command Manual.

2. Outline of This Manual

This manual consists of 8 chapters as follows:

- [Chapter 1: Introduction](#)
Provides the purpose and outline of this manual.
- [Chapter 2: PCPro Overview](#)
Provides introductory information about PCPro and its system configuration, operating environment, operating conditions and more.
- [Chapter 3: Setting Up PCPro](#)
Explains how to connect the SV9500 and PCPro, how to install, start, and exit the application, establish a communication link between the SV9500 and PCPro.
- [Chapter 4: PCPro Window Layout](#)
Explains PCPro window layout, submenus on the screen and the function of the work window, etc.
- [Chapter 5: Various Settings of PCPro](#)
Explains the various settings of PCPro.
- [Chapter 6: Command Operation](#)
Explains how to operate each command to execute on PCPro.
- [Chapter 7: QuickPro](#)
Explains the overview of QuickPro and procedures to register multiple command data to the system.
- [APPENDIX](#)
Explains how to uninstall PCPro, and the description of error messages.



CHAPTER 2

PCPro Overview

This chapter provides an overview of PCPro and its system condition.

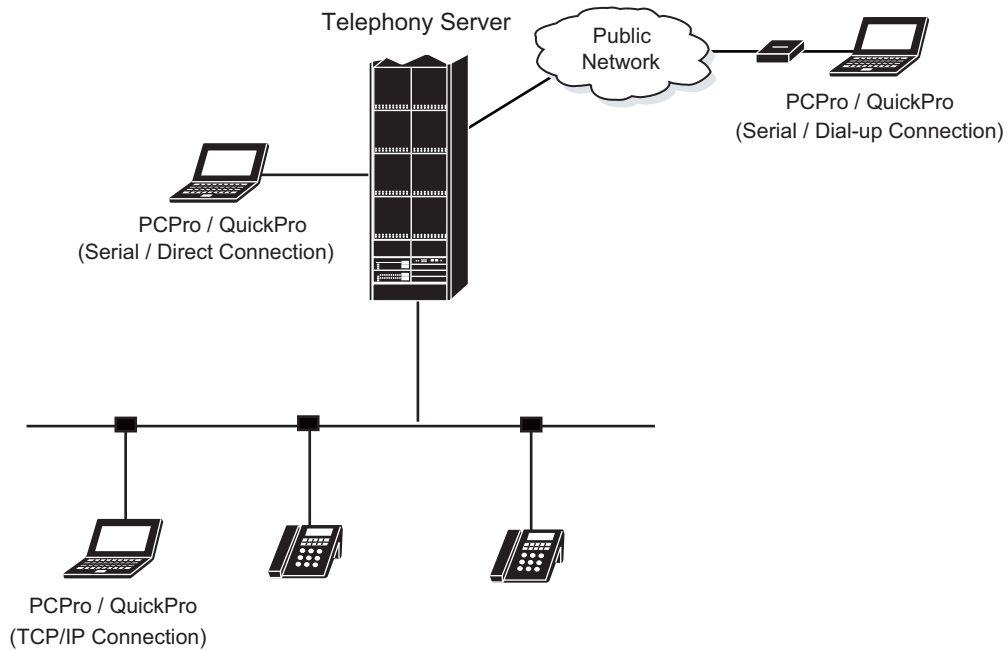
1. What is PCPro?

PCPro is an application tool to be used for operating and maintaining the system. PCPro is used to assign stations and various feature data to the system.

QuickPro is an application tool which enables you to create multiple records of Office Data for several kinds of command on either online or offline, and register the created data to the system in one operation.

See [Chapter 7: QuickPro](#) for more details.

The connection environment of PCPro is shown below.



Note: Be sure to use SV9500 PCPro in this system. SV8500 PCPro and the former MAT (Windows MAT/Off-Line MAT/Off-Line Loader) cannot be used.

2. Operating Environments and Conditions

Note: CD-ROM should be stored in a dark place away from heat and moisture.

2.1 Operating Environment of PC

Common Operating Environment

Item		Specification
Hard disk	System Drive	2.0 GB minimum
	Installing Drive Note 1	4.0 GB minimum
Monitor		1,024×768 dots or more Note 2 , 16-bit colors (65,536) at least.
OS		See OS-Specific Operating Environments .
CPU		
Memory		
CD-ROM drive/DVD-ROM drive		Required for installing the program.
Mouse		Mouse, or equivalent pointing device
Serial Port		9-pin D-SUB (male) Note 3
LAN Port		10BASE-T/100BASE-TX/1000BASE-T (required corresponding to the status of an intermediate device such as HUB.) Note 4
PCMCIA Card Slot		Type II (used for writing a program into a CF card.)

Note 1: If the PC to operate PCPro contains a security software that automatically converts/manipulates files such as encapsulation, be sure to disable them in order to prevent files from being processed automatically.

Note 2: When a desktop computer is used, NEC recommends a minimum screen resolution of 1280 × 1024.

Note 3: Required for the serial connection with the Telephony Server.

Note 4: Required for LAN/WAN connection with the Telephony Server.

OS-Specific Operating Environments **Note 10**

Item	Specification	
Microsoft® Windows® 10 LTSC 2016 Note 6, Note 7, Note 8 • Enterprise	CPU Note 5	1.7 GHz or higher
	RAM	2.0 GB minimum
Microsoft® Windows® 10 Note 6, Note 7, Note 8 • Enterprise • Pro	CPU Note 5	1.7 GHz or higher
	RAM	2.0 GB minimum
Microsoft® Windows® 8 / 8.1 Note 6, Note 7, Note 8 • Enterprise • Pro	CPU Note 5	1.7 GHz or higher
	RAM	2.0 GB minimum
Microsoft® Windows® 7 SP1 or later Note 6, Note 7 • Ultimate • Enterprise • Professional	CPU Note 5	1.7 GHz or higher
	RAM	2.0 GB minimum
Microsoft® Windows Server® 2016 Note 6, Note 7, Note 8, Note 9 • Standard • Essential	CPU Note 5	2.0 GHz or higher
	RAM	2.0 GB minimum
Microsoft® Windows Server® 2012 Note 6, Note 7, Note 8 /R2 Note 6, Note 7, Note 8, Note 9 • Standard • Essential	CPU Note 5	2.0 GHz or higher
	RAM	2.0 GB minimum
Microsoft® Windows Server® 2008 SP2 or later Note 6, Note 7 /R2 SP1 or later Note 6, Note 7, Note 9 • Standard Edition • Enterprise Edition	CPU Note 5	2.0 GHz or higher
	RAM	2.0 GB minimum

Note 5: The recommended values of CPU clock in this table are described based on single CPU.

Note 6: Available for users with standard user accounts.

Note 7: Available as a client for Remote Desktop Services. In this case, an operation environment depends on recommended OS specs.

Note 8: PCPro is only available for SV9500 and SV8500. Not available for SV7000 and NEAX-2400i.

Note 9: Available as a server for Remote Desktop Services. In this case, appropriate memory (1 GB + the number of clients with a concurrent connection × 1 GB) is required.

Note 10: Note the following conditions:

- PCPro supports English Windows Operating System only.
- OS other than the above are not supported.
- Install the latest release of service pack and security patches corresponding to each OS.

2.2 PCPro Version Number

The version number of PCPro consists of three numbers in the following format: X.X.X. For version number 2.1.0, the first number “2” represents the major version number. The second number “1” represents the minor version number, and the third number “0” indicates the build number.

2.1.0
(1) (2) (3)

No.	Description	Remarks
(1)	Major version number for PCPro Note 1	For details, see “<Software Version Matrix>.”
(2)	Minor version number for PCPro Note 1	For details, see “<Software Version Matrix>.”
(3)	Build number for PCPro	Incremented for each patch.

Note 1: This version number is not the same as the software version number of the system.

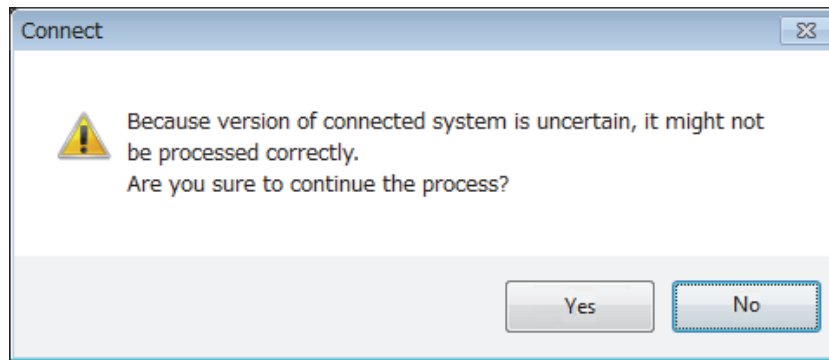
<Software Version Matrix>

The table below shows PCPro version compatibility with various versions of SV9500 system.

PCPro Version	Compatible Version of SV9500 System	Remarks
1.2.0 -	V1	Not available for Prepackaged Server Model.
2.1.0 -	V1	
4.1.0 -	V2	
5.2.0 -	V3	
6.1.0 -	V4	
6.2.0 -	V4	Available from FP95-114 V4 Issue 2.0.
7.1.0 -	V4	Available from FP95-114 V4 Issue 4.0.
8.1.0 -	V5	

Version information can be found under Help -> About PCPro. NEC does not guarantee compatibility of different versions of PCPro with different versions of SV9500 other than those shown in the above table.

When the PCPro version does not match the current SV9500 system, the following warning message is displayed.



When the warning message is displayed even though above-mentioned version conditions are met, contact the dealer or its service technician.

2.3 Operating Conditions

1. Internet access is required to connect to the Software License Authentication Center (Web Server).
2. To use PCPro, Microsoft .NET Framework 4.6 must be installed on a PC in advance. If the program is not present on the PC when you are installing PCPro, software package including it will be installed automatically.

Note: The system on which you install PCPro must meet the same minimum requirements for the .NET Framework.

If your OS is Windows Server 2008, you need to install the .NET Framework 3.5 in advance. If the program is not present on the PC when you are installing PCPro, software package including it will be installed automatically.

3. To use PCPro Tools, Microsoft .NET Framework 4.6 must be installed on a PC in advance. If the program is not present on the PC when you are installing PCPro Tools, software package including it will be installed automatically.
4. XPS Viewer on Windows functions must be enabled in order to open the XPS files using the Internet Explorer and the XPS Viewer.
5. One user cannot simultaneously export multiple XPS files.
6. SV9500 PCPro cannot coexist with SV8500 PCPro or MAT (Windows MAT/Off-Line MAT/Offline-Loader) on the same PC. If you install the SV9500 PCPro to the PC on which SV8500 PCPro or MAT has been installed, these applications must be uninstalled first. Also, be sure not to install the SV8500 PCPro or MAT to the PC on which SV9500 PCPro has been installed.

Note: To retain the Telephony Server alias information of the SV8500 PCPro or MAT to SV9500 PCPro, follow the procedures below.

1. Before uninstalling SV8500 PCPro or MAT, back up the files in the following directories.
 - SV8500 PCPro
Installing directory: \IMXMAT\DB\PbxProfile.mdb
 - MAT
Installing directory: \DB\PbxProfile.mdb
2. Uninstall the SV8500 PCPro or MAT.
 - * For North America, uninstall the CallCenterWorX-Enterprise TCP/IP MAT first if installed and then delete the old SV8500 PCPro folder.
3. Install the SV9500 PCPro.
4. Overwrite the backed-up [PbxProfile.mdb] file under the installing directory for PCPro (\IMXMAT\DB).
 - * For North America if using Internal ACD: Install the CallCenterWorX-Enterprise TCP/IP MAT.
7. When you install/uninstall PCPro, log on to the Windows with an Administrator right (user belongs to an Administrators group).
8. Note the following conditions when you use PCPro with a Standard User right:
 - When you install PCPro, Standard User mode must be selected on the Select Install Mode.

- Available device versions for the Standard User mode are as follows:

Model	Supported Version
SV9500	V1 or later
SV8500	S7 or later

- User Account Control (UAC) must be enabled.
 - “Virtualize file and registry write failures to per-user locations” for policy setting must be enabled.
 - When you use a built-in Administrator account, “Administrator Approval mode for the built-in Administrator account” for Security Policy settings must be enabled.
 - Each file output from PCPro is automatically redirected to the VirtualStore of each user with User Account Control Virtualization.
VirtualStore folder is placed below folder:
<System Drive>\Users\<User ID>\AppData\Local\VirtualStore
 - If the PC to operate PCPro contains a security software that automatically converts/manipulates files such as encapsulation, be sure to disable them in order to prevent files from being processed.
 - An encryption tool that makes redirected files in VirtualStore not to be processed must not be coexisted with PCPro on a same PC.
 - A user with Standard User right can only refer to the files output by oneself, as the output files (log data, command output data, connecting account database, etc) from PCPro are redirected to the VirtualStore of each user.
9. If PCPro is simultaneously used by multiple users, PCPro must be installed on a Standard User mode.
 10. PCPro must be operated by a user who logged on to OS.
 11. To use this program, the Windows User Account must be created in single-byte character sets such as English single-byte characters or symbols.
 12. Antivirus software may block the ports used in PCPro; in this case, use antivirus software to release the relevant port.

PCPro uses the following ports:

Telephony Server side: 60000 (default)

PC side: 1024 - 65534

13. To use Remote Desktop Services, you can remotely operate PCPro on your client PC by installing PCPro on the server.

Note the following conditions on Remote Desktop Services:

- Remote Desktop Services is available for the following device versions:

Model	Supported Version
SV9500	V1 or later
SV8500	S7 or later

- Maximum of 5 client PCs can be connected to the server simultaneously.
 - Only TCP/IP connection is supported between PCPro and the system.
 - You cannot drag and drop files or folders from a client PC to the application remotely operated.
 - When you use files of a client PC with Disk Drive Direct feature, a path of the client computer displayed in QuickPro is “tsclient”. You cannot identify its client PC by the path.
 - A terminal server name on the server must be IP address or host name of FQDN.
A terminal server name can be configured in “RD session host server setting” at RemoteApp Manager.
 - When you remotely operate PCPro, you are not allowed to start another PCPro with a different session.
One user must use PCPro within the same session.
An error message appears if you try to start another PCPro with a different session. While the error message is displayed, another PCPro cannot be activated even within the same session.
14. You can use “Export the Data for Analysis” only after it has been indicated by an engineer.
15. Depending on the Windows environment, the screen layout may collapse. In that case, go to Display from the Control Panel of Windows and set the size of the text and other items to 100%.

3. Service Conditions for PCPro

1. While starting or operating PCPro, other applications must not be started.
2. Be sure to disable the “power management” on the PC.
3. A maximum of 4 PCPros are available for serial connection on the same system. However, same command cannot be used on the multiple PCPros.
4. A maximum of 16 PCPros are available for TCP/IP connection in the same system. However, using applications other than PCPro in the TCP/IP connection may decrease the maximum number.
5. While one PCPro is executing for data backup, the other PCPro cannot use any command in the system.
6. When PCPro is operated, each log file accumulated in the PC can be deleted from the main menu [Log\All Logs Management].
7. Be sure not to delete or change the folder where PCPro is installed as well as the other folders under it.
8. Each COM port allows a connection from only one PCPro (the one that connected to the COM port first). For serial connection using multiple PCPro on the same PC, assign different COM port for each PCPro at “Connection Account Setting”.
9. Set the correct time for the PC using the SNTP server.



CHAPTER 3

Setting Up PCPro

This chapter explains how to set up PCPro.

1. Installing PCPro

This section explains how to install PCPro.

1.1 Installing PCPro on Maintenance PC

When you operate PCPro on a stand-alone mode, PCPro must be installed on a maintenance PC. The following shows the procedures to install PCPro on a maintenance PC:

STEP 1: Mount PCPro CD/DVD-ROM on the CD/DVD-ROM drive on the PC running Windows operating system.

The PCPro installer is automatically started.

STEP 2: Follow the on-screen instructions to continue with the operation.

Note: If the User Account Control screen is displayed, click **Allow** to continue with the installation.

STEP 3: Click the [Finish] button.

A shortcut icon for PCPro is created on the Desktop of your PC.

PCPro has now been installed.

Note: When upgrading PCPro, follow the same steps above. In this case, the same directory as the former installation directory will be specified.

* For North America, also install the CallCenterWorX-Enterprise TCP/IP MAT. It must be ACDMAT.1.0-141 or higher.

2. Installing PCPro on Server

When you use PCPro with Remote Desktop Services, PCPro must be installed on a server. PCPro is remotely operated from a client PC.

The following installation steps are described specifically for Windows Server 2008 R2.

2.1 Server Setting

STEP 1: Add a remote connection user account to the server.

Remote Desktop Users right must be granted to the remote connection user account.

STEP 2: Start the Server Manager.

STEP 3: Right-click the [Roles], and select the [Add Roles].

STEP 4: Click the [Next] button.

STEP 5: Select the [Remote Desktop Services] check box, and click the [Next] button.

STEP 6: Select the [Remote Desktop Session Host] check box, and click the [Next] button.

STEP 7: Choose either Enable or Disable for Network Level Authentication, and click the [Next] button.

STEP 8: Select Remote Desktop Services License mode, and click the [Next] button.

STEP 9: Add User or User group allowed for the access to the server, and click the [Next] button.

STEP 10: Select the configuration of the Client Experience, and click the [Next] button.

STEP 11: Click the [Install] button.

STEP 12: Click the [Close] button.

STEP 13: Click [Yes] button on the re-start confirmation dialog, and re-start the server.

STEP 14: Wizard is displayed. Click the [Close] button.

STEP 15: Mount PCPro CD/DVD-ROM on the CD/DVD-ROM drive.
PCPro installer automatically starts.

STEP 16: Follow the on-screen instructions to continue with the operation.

Note: When [User Account Control] screen is displayed, click the [Allow] button to continue with the installation.

STEP 17: Click the [Finish] button.

A shortcut icon for PCPro is created in the Desktop on the server.

STEP 18: Start the Server Manager.

STEP 19: On the [Roles], expand the [Remote Desktop Services].

STEP 20: When RemoteApp is used, right-click the [RemoteApp Manager], and select the [Add RemoteApp Programs].

STEP 21: Follow the instruction to add PCPro.

STEP 22: Click the [Start] menu on Windows, and select the [Control Panel].

STEP 23: Click the [System and Security].

STEP 24: Click the [Windows Firewall].

STEP 25: Click the [Allow program or feature through Windows Firewall].

STEP 26: Select the [Remote Desktop] check box.

STEP 27: Start the Local Security Policy.

STEP 28: Select the [Security Options] for the [Local Policies].

STEP 29: When built-in Administrator account is used, [User Account Control:Admin Approval Mode for the Built-in Administrator account] must be enabled.

Note: [STEP 15:](#) to [STEP 17:](#) must be operated when overwriting the existing install. In this case, the previous installation directory will be specified.

2.2 RD Web Access Setting

If you use RD Web access, Remote Desktop Web access must be installed.

STEP 1: Log on to the server.

STEP 2: Start Server Manager

STEP 3: Right-click the [Remote Desktop Services] on the [Roles], and select the [Add Role Services].

STEP 4: Select the [Remote Desktop Web Access] check box, and click the [Next] button.

STEP 5: Do not change the status of the [Role Services for installation of web server (IIS)], and click the [Next] button.

STEP 6: Click the [Install] button.

STEP 7: Click the [Close] button

STEP 8: Right-click the [Features], and select the [Add Features].

STEP 9: Select the [Windows Process Activation Services] check box, and click the [Next] button.

STEP 10: Click the [Install] button

STEP 11: Start the Internet Information Services (IIS) manager.

STEP 12: Select [Default Web Site] - [RDWeb] - [Pages] - [Application setting].

STEP 13: Set the [true] for the followings.

- xDriveRedirection
- xClipboard
- xPrinterRedirection

STEP 14: If you do not display the remote desktop connection on the Web Access screen, choose the [false] for the [ShowDesktop].

RD Web Access has now been configured.

2.3 RDS License Server Setting

To coexist Remote Desktop Server with RDS license server, Remote Desktop Licensing must be installed.

STEP 1: Log on to the server.

STEP 2: Start up the Server Manager.

STEP 3: Right-click the [Remote Desktop Services] on the [Role], and select the [Add Role Services].

STEP 4: Select the [Remote Desktop Licensing] check box, and click the [Next] button.

STEP 5: Select the detection scope for the license server, and click the [Next] button.

STEP 6: Click the [Install] button.

STEP 7: Click the [Close] button.

STEP 8: Start the Remote Desktop License Manager.

Note: This operation must be done within 120 days after an installation of the server.

STEP 9: Right-click the [Server], and select the [Activate Server].

STEP 10: Click the [Next] button.

STEP 11: Select either of the connection method, and click the [Next] button.

STEP 12: Click the [Next] button.

STEP 13: Select the [Start Install Licenses Wizard now] check box, and click the [Next] button.

STEP 14: Click the [Next] button.

RDS license setting has been completed.

2.4 Client PC Settings

An RDP file in remote desktop server used for remote operations of PCPro must be distributed to a client PC.

STEP 1: Log on to the server.

STEP 2: Start the Server Manager.

STEP 3: Select the [Roles] - [Remote Desktop Services]- [RemoteApp Manager].

STEP 4: Select PCPro from the [RemoteApp Program].

STEP 5: Click the distribution options.

Click “Create.rdp File” when the files are distributed as RDP format.

Click the “Create Windows Installer Package” when the files are distributed as MSI format.

STEP 6: Follow the instruction to create files.

STEP 7: Distribute the created files to a client PC using file share etc.

STEP 8: Install the following packages if they have not been installed on a client PC.

- When “RD Web access” is used, RDC that supports RDP 6.1 or later (RDC 6.1 or later) must be installed.
- When a printer that is installed to the client PC is used (Print Job Redirecting), RDC the supports RDP 6.1 or later (RDC 6.1 or later) and Microsoft .NET Framework 3.0 Service Pack 1 (SP1) or later must be installed.
- Neither RD Web access nor Print Job Redirecting is used, Remote Desktop Connecting Client (RDC) 6.0 must be installed.

STEP 9: Obtain the programs distributed from the server.

If the file is RDP format, place it to an arbitrary folder.

If the file is MSI format, install it to a client PC.

3. Starting PCPro

This section explains how to start PCPro.

3.1 Starting PCPro for Maintenance PC

The following example describes how to start PCPro on a stand-alone mode based on Windows 7:

STEP 1: Start PCPro with either of the following methods.

- Double-click PCPro icon on the desktop.
- Click the [Start] menu on Windows, and select [All Program] - [NEC SV9500 PCPro] - [NEC SV9500 PCPro].

PCPro has started.

3.2 Starting PCPro when Remote Desktop Services is used

The following explains how to start PCPro when Remote Desktop Services is used:

3.2.1 Starting PCPro with RemoteApp Program using RD Web Access

The following explains how to start PCPro with RemoteApp using “RD Web Access” based on Windows 7. You can operate PCPro as if operating from a client PC.

STEP 1: Start the Internet Explorer on a client PC.

If a warning screen is shown, select the [Continue to this website].

STEP 2: Access the [RD Web Access].

STEP 3: Enter User Name and Password.

STEP 4: Click the [RemoteApp Programs].

- When you operate the files and folders on a client PC with PCPro, Redirect must be enabled for a disk drive.
- When copy-and-paste is used on a server and a client PC, Redirect must be enabled for a clip board.
- When the Print Job Redirecting is used, Redirect must be enabled for the printer.

STEP 5: Select PCPro.

STEP 6: Configure the RemoteApp options.

STEP 7: Enter User Name and Password that are allowed for remote access.

PCPro has been started.

3.2.2 Using RD Web Access to Start PCPro with Remote Desktop Connection

The following example describes how to start PCPro using RD Web Access with the Remote Desktop Connection based on Windows 7.

STEP 1: Start the Internet Explorer on a client PC.

If a warning screen is shown, select the [Continue to this website].

STEP 2: Access the [RD Web Access].

STEP 3: Enter User Name and Password.

STEP 4: Click the [Remote Desktop].

STEP 5: Specify the destination server and the connecting option to connect.

STEP 6: Set the Remote Desktop Connection option.

- When copy-and-paste is used on a server and a client PC, Redirect for a clip board must be enabled.
- When the Print Job Redirecting is used, Redirect for the printer must be enabled.

STEP 7: Specify the user, and log on to the server.

STEP 8: Click the [Start] menu on Windows, and select [All Programs] - [NEC SV9500 PCPro] - [NEC SV9500 PCPro].

PCPro has been started.

3.2.3 Starting PCPro Using Files Distributed from Server

The following describes how to start PCPro using the files distributed from the server based on Windows 7. You can operate PCPro as if operating on a client PC.

STEP 1: Start PCPro either of the following methods.

- If the distributed file is RDP format, double-click the file.
- If the distributed file is MSI format,
Click the [Start] menu on Windows, and select [All Programs] - [Remote Program] - [NEC SV9500 PCPro].

STEP 2: Set RemoteApp option.

- When the files or folders on the client PC are operated with PCPro, Redirect for a disk drive must be enabled.
- When copy-and-paste is used on the server and client PC, Redirect for a clip board must be enabled.
- When the Print Job Redirecting is used, Redirect for the printer must be enabled.

STEP 3: Enter User Name and Password allowed for remote access.

PCPro has been started.

3.2.4 Starting PCPro Using Remote Desktop Connection

The following explains how to start PCPro using the Remote Desktop Connection based on Windows 7.

STEP 1: Click the [Start] menu on Windows, and select [All Programs] - [Accessories] - [Remote Desktop Connection].

STEP 2: Set the Remote Desktop Connection option.

- When the files or folders on the client PC are operated with PCPro, Redirect for a disk drive must be enabled.
- When copy-and-paste is used on the server and client PC, Redirect fir clip board must be enabled.
- When the Print Job Redirecting is used, Redirect for the printer must be enabled.

STEP 3: Click the [Start] menu on Windows, and select [All Program] - [NEC SV9500 PCPro] - [NEC SV9500 PCPro].

PCPro has been started.

4. Connection Between PCPro and Telephony Server

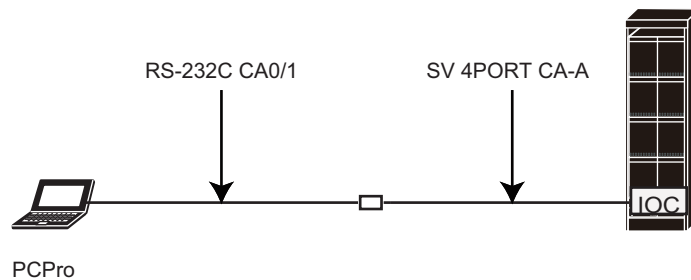
To connect the Telephony Server with PCPro, there are 3 methods as follows. Select one of the following method for your particular needs.

- Serial/Direct Connection
- Serial/Dial-up Connection
- TCP/IP Connection

4.1 Serial/Direct Connection

Connection Method

STEP 1: Connect PCPro directly to IOC by using RS-232C serial port.



4.1.1 Hardware Requirements

Product Name	Remarks
PC	<ul style="list-style-type: none"> • For the specifications of the PC required, see Operating Environments and Conditions.
RS-232C CA-0/1 Cable SV 4PORT CA-A Cable	<ul style="list-style-type: none"> • Used to connect between IOC and PC.

4.2 Serial/Dial-up Connection

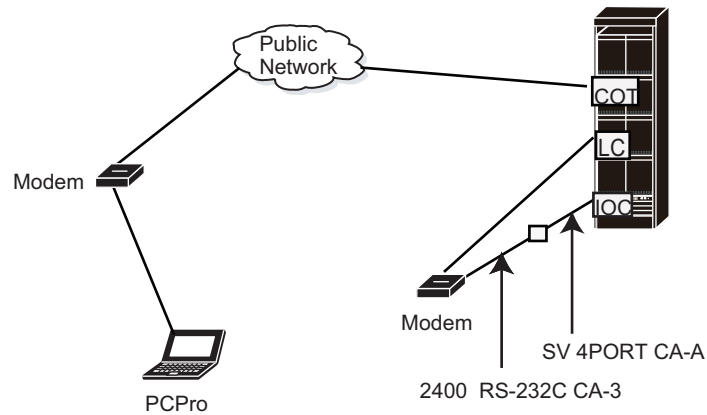
Connection Method

STEP 1: Connect PCPro with IOC via a modem by using RS-232C serial port.

Note: Before setting the Connection Account Setting, set the following:

- Modem Setting on IOC Side
- Modem Setting on PCPro Side

STEP 2: Connect the modem as shown below.



Hardware Requirements

Product Name		Remarks
Required on the IOC side	Modem Note 1	AT Modem in the marketplace, compliant to the following specification. <ul style="list-style-type: none"> • Modem supporting AT commands • Synchronous/Asynchronous communication • Supporting MNP • Duplex
	2400 RS-232C CA-3 cable	
	SV 4PORT CA-A cable	
	COT circuit card	
	LC circuit card	
	IOC circuit card	

Product Name		Remarks
Required on PCPro side	PC	<ul style="list-style-type: none"> For the specifications of the PC required, see Operating Environments and Conditions.
	Modem Note 1	<p>AT Modem in the marketplace, compliant to the following specification.</p> <ul style="list-style-type: none"> Modem supporting AT commands Synchronous/Asynchronous communication Supporting MNP Duplex
	RS-232C Cable	

Note 1: The same modem must be used on IOC side and PCPro side.

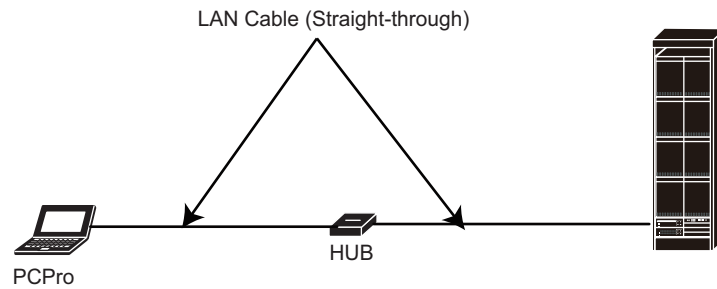
4.3 TCP/IP Connection

4.3.1 Connection Method

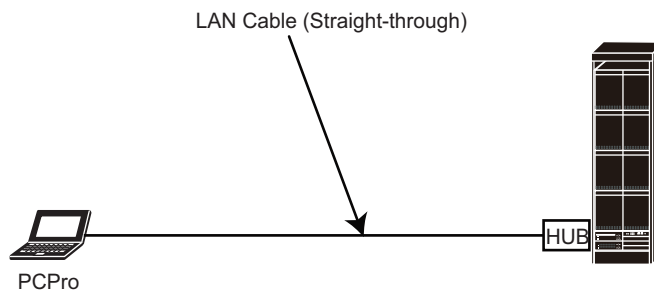
- Local connection

Connect PCPro and HUB via LAN cable.

TCP/IP connection (local connection) 1/2/



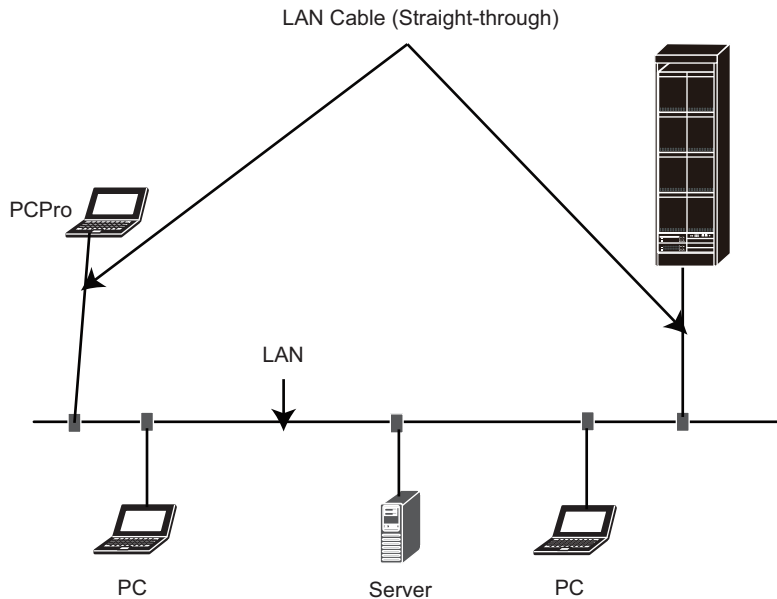
TCP/IP connection (local connection) 2/2



- Network (PC LAN) Connection

Connect PCPro and the system with the existing LAN.

TCP/IP connection (network connection)



4.3.2 Hardware Requirements

Description		Quantity	Remarks
Required for the Telephony Server	LAN cable	1	<ul style="list-style-type: none"> • 10BASE-T/100BASE-TX/1000BASE-T LAN cable (straight-through)
Required for the PC (PCPro)	LAN cable	1	<ul style="list-style-type: none"> • 10BASE-T/100BASE-TX/1000BASE-T LAN cable (straight-through)
	PC	1	<ul style="list-style-type: none"> • For the specifications of the PC required, see Operating Environments and Conditions.

4.4 Modem Setting on IOC Side

Note: VT-100 compliant terminal software is necessary for assigning configuration data to IP devices. For Windows computers, HyperTerminal was bundled with Windows XP. This section explains the procedure for setting data by using HyperTerminal as an example. For Windows Vista or later operating systems, prepare VT-100 compliant terminal software yourself and assign the configuration data referring to the description for HyperTerminal.

The following procedure is explained based on Windows XP.

STEP 1: Connect the modem to COM1 of the PC with a straight-through cable.

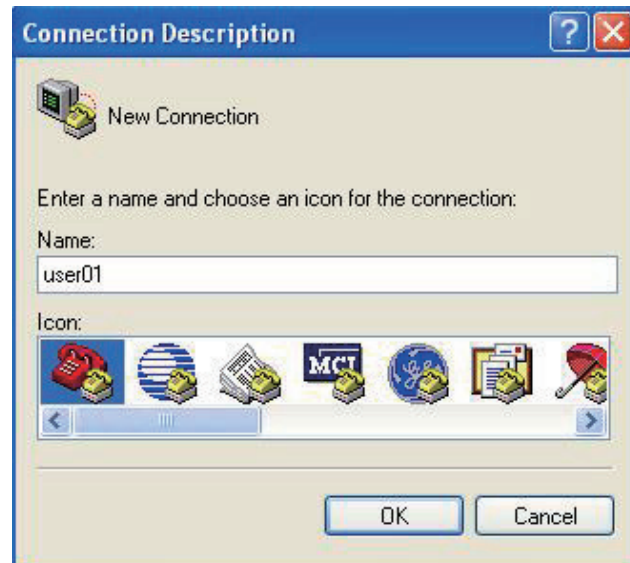
Note: If the [Hardware Connection Wizard] is displayed, click the [Cancel] button.

STEP 2: Display the [HyperTerminal] window.

Click the [start] menu on Windows, select [Programs] - [Accessories] - [Communications] - [HyperTerminal]. If your computer does not have HyperTerminal, use another VT-100 compliant software with the same functions.

STEP 3: Set the connection.

1. Enter a name, and choose an icon for the connection. Click [OK].



2. Select "COM1" for the [Connect using], and click [OK]. **Note 1**

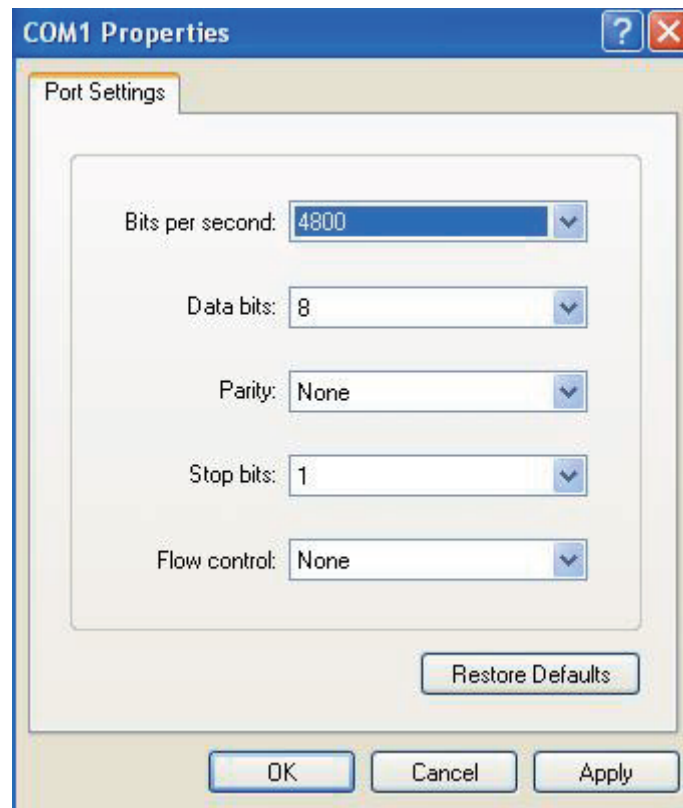


Note 1: The following parameters are not available.

- Country/region
- Area code
- Phone number

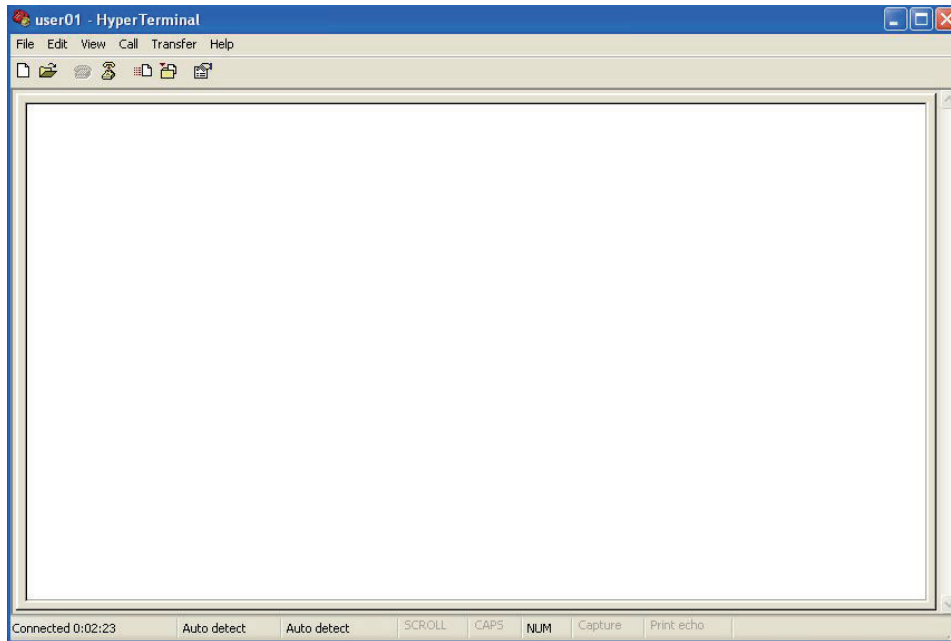
STEP 4: Set the COM1 port as the following parameter.

Parameter	Value
Bits per second	Same speed as the IOC assigned with the AIOC command. Note 2
Data bits	8
Parity	None
Stop bits	1
Flow control	None



Note 2: IOC speed must be set to 1200 bps or more (default: 4800 bps).

STEP 5: On the [HyperTerminal] window, set as follows referring to the manual of modem to be used.



Step	Setting
1	Enter the followings on HyperTerminal to set the speed between PC and modem. Note 3 <ul style="list-style-type: none"> • Enter “AT”. • Press the [Enter] key.
2	Set the factory value.
3	Automatic Reply: Enabled
4	Flow control: Disabled
5	Error Free Operation by MNP
6	Data Compression In Error Free Mode: Disabled
7	Echo Back: Disabled Note 4
8	Result Code Display: Disabled Note 5
9	Backup the value of command and REGISTER to memory.

When step 1 through 7 are set, “OK” is displayed.

Note 3: If “OK” is not displayed after step 1 is set, operate the followings.

- Set step 2, and then go back to set step 1 again.
- Enter “ATQQE” and press the [Enter] key, and then set the step 1 again.

Note 4: After step 7 is set, echo back will not be provided.

Note 5: After step 8 is set, “OK” will not be displayed.

STEP 6: Disconnect the straight-through cable from the modem.

STEP 7: Use “2400 RS-232C CA-3 cable” and “SV 4PORT CA-A cable” to connect between IOC and modem.
(In the case of IPX system, use “IPX 2PORT CA-A cable” instead of “SV 4PORT CA-A cable”)

STEP 8: Exit the HyperTerminal.

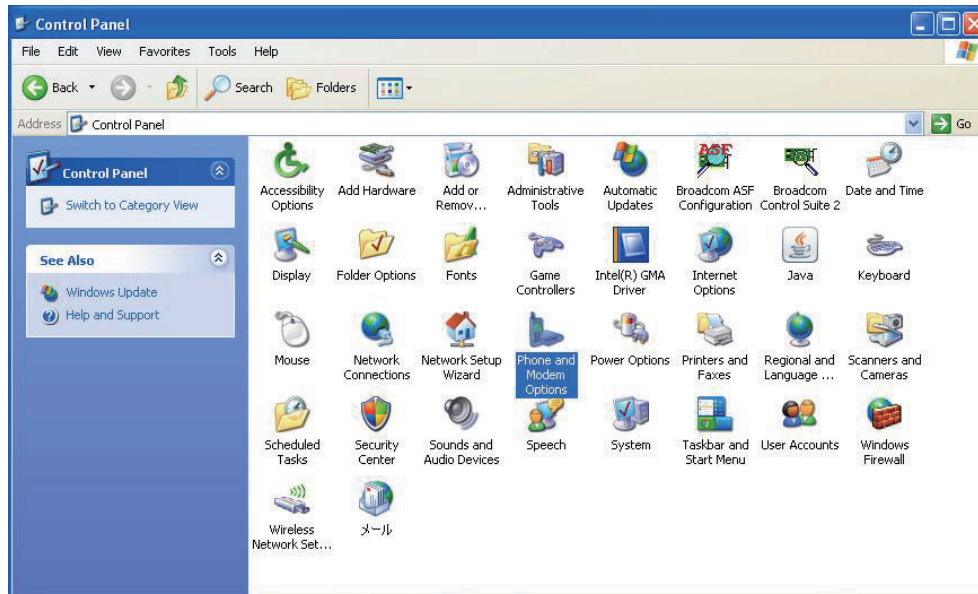
Now the modem setting on IOC side has been completed.

4.5 Modem Setting on PCPro Side

The following procedure is explained based on Windows XP.

STEP 1: Click the [start] menu on Windows, and select [Settings] - [Control Panel] - [Phone and Modem Options].

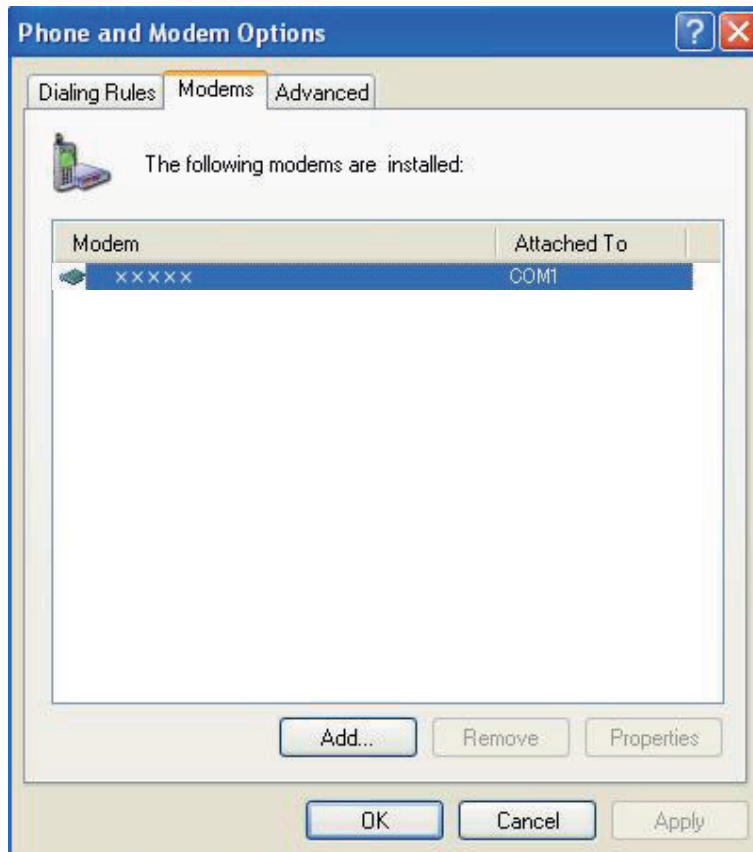
Control Panel



STEP 2: Select a modem from the [Modems] tab, and click the [Properties] button.

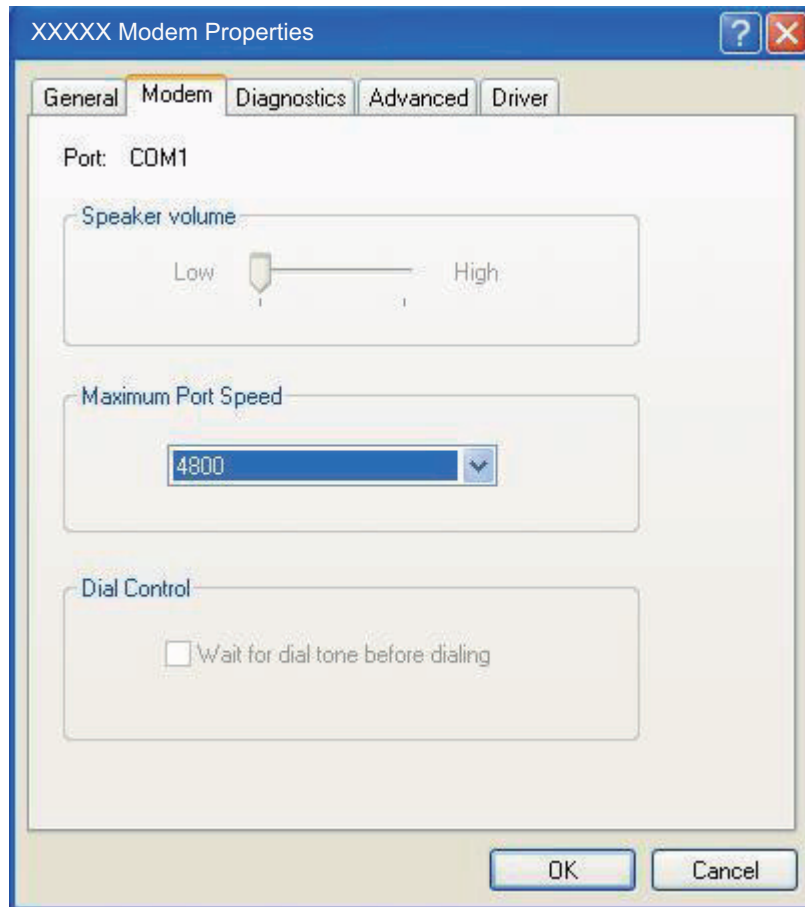
The installed modem is displayed.

Phone and Modem Options (Modems tab)



STEP 3: Select the [Modem] tab and set the same value as the system speed for Maximum Port Speed (same value as the IPC speed assigned with the AIOC command). **Note 1**

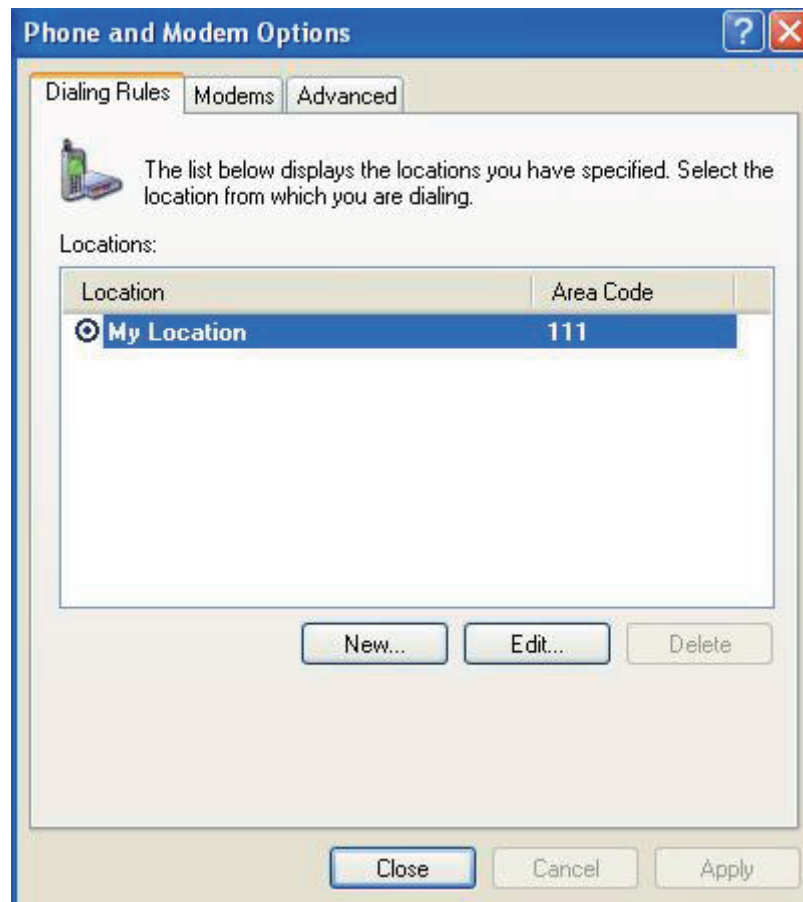
Properties for installed modem



Note 1: IOC speed must be set to 1200 bps or more (default: 4800 bps).

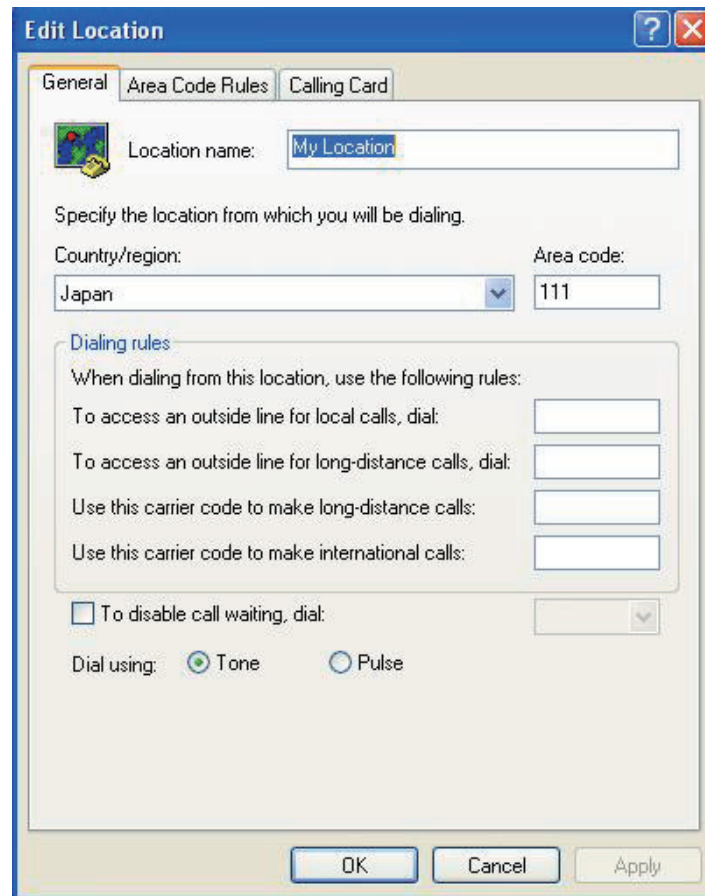
STEP 4: Back to the [Phone and Modem options] window, select a location from the [Dialing Rules] tab, and click the [Edit] button.

Phone and Modem Options (dial information tab)



STEP 5: Select the [General] tab on the [Edit Location] window, and set the dialing rules. **Note 2**

Edit Location window



Note 2: Set the dialing rules according to your usage environment. Only “Dial using” setting (Tone or Pulse) is required in general.

STEP 6: Exit the [Phone and Modem Options] window.

Now the modem setting on PCPro side has been complete.

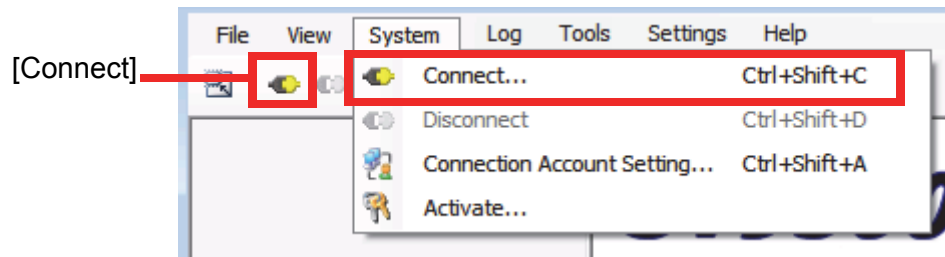
5. Communication Link with the Telephony Server

5.1 Establishing a Link

To establish a communication link between PCPro and the Telephony Server, follow the steps as described below:

STEP 1: Start PCPro.

STEP 2: On the main menu, select [System] - [Connect], or click the Connect icon on the Toolbar.



Connect screen

 A screenshot of the 'Connect' dialog box. It has a title bar with a telephone icon and the text 'Connect'. The dialog contains a 'Connection Account' section with a list box showing 'Account Name' and 'NEXT-PBX' (which is selected). Below this are three input fields: 'User ID', 'Password', and a third unlabeled field. At the bottom are 'Connect' and 'Cancel' buttons.

STEP 3: Select a connection account.

Since no connection accounts have been registered by default, create a new connection account at the initial connection. For instructions on how to create a connection account, see [Connection Account Setting](#).

STEP 4: Enter User ID and Password that are registered in [User Account Setting](#).

STEP 5: Click the [Connect] button.

If multiple PCPro programs are started on the same PC, only one PCPro program can connect to the connection account.

Note: An error message is displayed when a connection account is not assigned. Click [OK] button to display the [connection account setting] window, and set the Connection Account. For detail, see [Connection Account Setting](#).

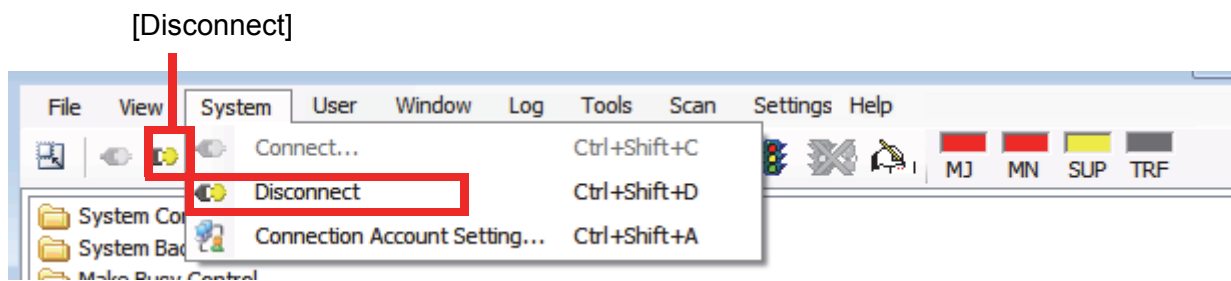
A communication link has now been established between PCPro and the Telephony Server.

6. Disconnecting the Communication Link

To disconnect the communication link between PCPro and the Telephony Server, follow the steps as described below:

STEP 1: On the Main Menu, select [System] - [Disconnect], or click  [Disconnect] icon on the Toolbar.

Note: When the [Disconnect] icon is clicked, a message is displayed to confirm whether to disconnect from the system.



The commands being executed will exit automatically. Also, if alarms and traffic data are being collected, they will stop. However, there are exceptions as follows:

- While the communication link with the system is being established.
- While displaying a dialog such as error messages.

Note: If these processes cannot be executed, the communication link will not be disconnected.

Note: The communication link between PCPro and the Telephony Server will not be disconnected while QuickPro is activated.

The communication link to the Telephony Server has now been disconnected.

7. Security Setting for PCPro

For the secure operation of PCPro, the following settings are recommended. See [Various Settings of PCPro](#) for more detail.

7.1 User Account Setting

Set the user ID and password on the connected system. This setting can restrict a third person from using the system.


7.2 Login Grade Setting

Set an availability on the user account for executing each command. The user account with this setting is restricted from using commands.

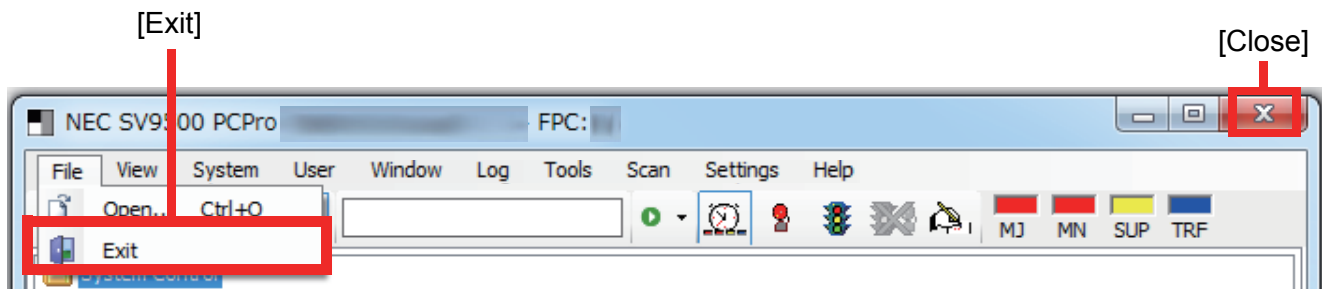
8. Exiting out of PCPro

To exit out of PCPro, follow the steps below:

STEP 1: Choose either of the following to exit:

- On the Main Menu, select [File] - [Exit].
- Click  [Close] button in the upper right corner of the [PCPro] window.

The [PCPro] window closes. If a communication link to the Telephony Server exists, the [Disconnect] dialog box is displayed. Disconnect the connection.



The commands being executed will exit automatically. Also, if alarms and traffic data are being collected, they will stop. However, there are exceptions as follows:

- While the communication link with the system is being established.
- While displaying a dialog such as error messages.

If these process cannot be executed normally, the communication link will not be disconnected and PCPro will not exit.

Note: The communication link will not be disconnected and PCPro will not exit while QuickPro is activated.

PCPro has now exited.



CHAPTER 4

PCPro Window Layout

This chapter describes a window layout of PCPro and the functions of its components.

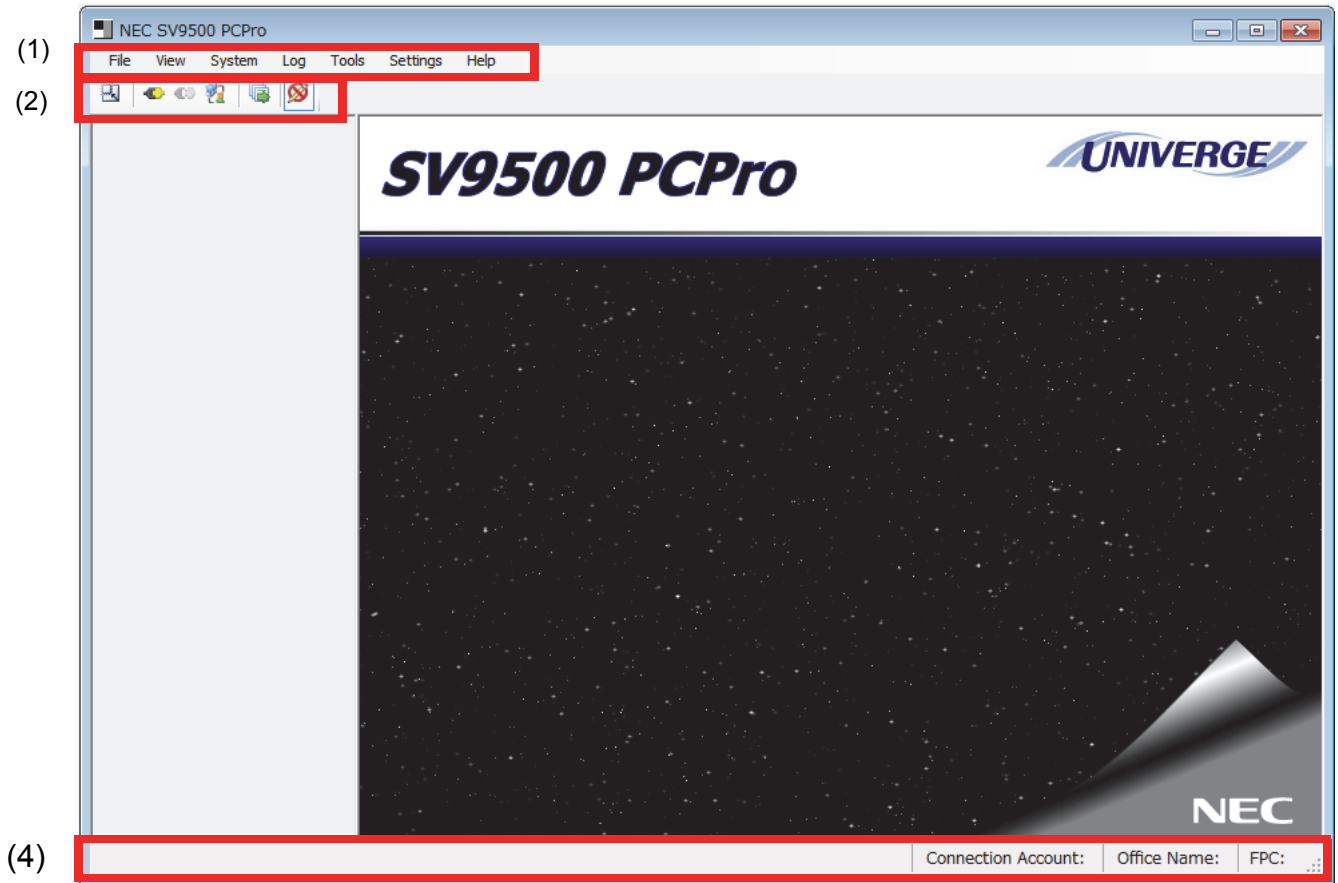
Note: The appearance of the screens described here may differ depending on the operating system version of your maintenance PC.

1. PCPro Window Component Names and Functions

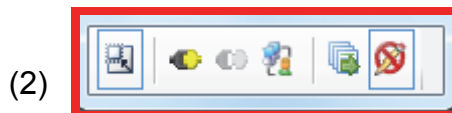
PCPro main window is organized into the items listed in the table below. System data set on the Telephony Server can be configured or viewed by manipulating variety of menu choices from the main window.

PCPro can be displayed on either Normal Mode or Compact Mode. When the Compact Mode is selected, Main Menu, Sub Menu, and Status Bar are hidden, and the window size becomes smaller than the Normal Mode.

When disconnected from the system (Normal Mode)



When disconnected from the system (Compact Mode)



When connected to the system (Normal Mode)



When connected to the system (Compact Mode)



No.	Item	Description	Reference Page
(1)	Main Menu	A menu pertaining to the operations of PCPro as a whole.	page 41
(2)	Toolbar	Shortcut icons for the menu choices commonly used.	page 47
(3)	Sub Menu	A Sub Menu associated with the Mode Selector Tab being selected. - Command Mode - Search Mode - Window Mode	page 48
(4)	Status Bar	Displays the status of PCPro operation and that of connection with the Telephony Server.	page 52
(5)	Scan Toolbar	Shortcut icons for scan function.	page 53
(6)	Command Name Input	Type the name of the command you want to execute.	-
(7)	Launch	Execute the command specified in Command Name Input. Click the downward arrow located to the right of this button to view the history of commands you have entered (up to 20 commands).	-

2. Main Menu

The Main Menu displays a complete repertoire of menus pertaining to PCPro operations. Click a menu choice on the Main Menu to gain access to the functions listed in the table below. Different menus are displayed according to the user class of the user who has logged in to PCPro.



×: Available, -: Not available (displayed in faded color), N: Not available (hidden), L: Depend on Login Grade

No.	Menu Category	Menu Choice	Function	Connection Status	
				Connected	Dis-connected
(1)	File	Open...	Open a Listup Report file exported from the Telephone icon command Note 1 . A user needs to manage the exported file by him/herself. User can refer to or re-export the data with offline mode or on another PCPro session.	×	×
		Exit	Exit PCPro.	×	×
(2)	View	Compact Mode	Switch the window between Normal Mode and Compact Mode. Note 2	×	×
(3)	System	Connect...	Display the [Connect] screen for establishing a communication link with the Telephony Server.	-	×
		Disconnect	Disconnect a communication link with the Telephony Server.	×	-
		Connection Account Setting...	Display the [Connection Account Setting] screen for creating and verifying a connection account.	×	×
		Activate...	Display the [Activate] screen for system activation.	N	×
(4)	User	User Account Setting...	Display the [User Account Setting] screen to create the user account for the system being connected.	L Note 3	N
		Change Password...	Display the [Change Password] screen for changing the password associated with the user account that has currently logged in.	×	N
		Login Grade Setting...	Display the [Login Grade Setting] screen for setting the login grade on the user account that has currently logged in.	L Note 3	N

No.	Menu Category	Menu Choice	Function	Connection Status	
				Connected	Dis-connected
(5)	Window	Command Name Input	Move the cursor to the Command Name Input field.	×	N
		Show Command Launch History	Display the history of commands entered during the current run of PCPro.	×	N
		Close All	Close all the open command windows and QuickPro window.	×	N
		Minimize All	Minimize all windows currently being opened.	×	N
		Restore All	Cancel the minimization or maximization of the all windows being opened.	×	N
		Window Name	By clicking the window name, the selected window will be activated and displayed in the forefront of all windows.	×	N
(6)	Log	All Logs Management...	Display the [Log File Selection] screen to manage the command execution logs.	×	×
		Operation Log Limitation...	<p>Display the [Operation Log Limitation] screen to set whether to delete the past command execution logs automatically.</p> <p>Description for [Operation Log Limitation] screen is as follows:</p> <p>[Activate Operation Log Limitation] Check Box --> The method of collecting logs changes by clicking [Setup] button after placing/removing a check on/from [Activate Operation Log Limitation] check box.</p> <ul style="list-style-type: none"> When a check is placed Operation logs are preserved by each [connection account + month]. The logs which elapsed more than three month including the present month will be deleted automatically (When July starts, the logs of April will be deleted). When a check is removed Operation logs are preserved by each [connection account]. The logs will not be deleted automatically. 	×	×
(7)	Tools	QuickPro...	Activate QuickPro which registers the Office Data to the system with a Batch Processing.	×	×

No.	Menu Category	Menu Choice	Function	Connection Status	
				Connected	Dis-connected
(8)	Scan	Scan New Alarms/ Traffic	Switch ON/OFF for the scan that starts monitoring the accumulating status of alarms and traffic data. Note: This functions is not available when Collect New Alarms or Collect New Traffic is enabled.	×	N
		Collect New Alarms	Change ON/OFF for the automatic alarm collection that automatically collects the accumulated alarms (MJ/MN/SUP). Note: This function is not available when Scan New Alarms/Traffic is disabled.	×	N
		Collect New Traffic	Change ON/OFF for the automatic traffic collection that automatically collects the accumulated traffic data. Note: This function is not available when Scan New Alarms/Traffic is disabled.	×	N
		Abort Data Collection	Abort the automatic data collection for the alarms and traffic data.	×	N
		View Scan Log	View the scan logs for the scan, and automatic data collection for alarms and traffic data.	×	N

No.	Menu Category	Menu Choice		Function	Connection Status	
					Con- nected	Dis- con- nected
(9)	Settings	Quick-Pro Set- tings	Always Treat the Record as One Line	Enable/Disable the “Always Treat the Record as One Line” function, which always shows each record of QuickPro Data File in one line. In QuickPro, some commands have a format that displays a single record in multiple lines. When this option is enabled, every record of QuickPro Data File is displayed in a single line. Note 7	×	×
		Prevent Unintended Change of Data		Enable/Disable the “Prevent Unintended Change of Data” function, which prevents unintentional data modification. This function is enabled at the initial start-up of PCPro. (When this function is turned on, the icon for it is marked with a blue box.) The current setting is used the next time PCPro is started. Setting change takes effect after restarting the command.	×	×
		Accept Exten- sional Charac- ters for Note 7 Note 8	None (Default) Turkish Note 9	Set the use of available extended characters in some commands of PCPro.	N	×
(10)	Help	Help		Display the help of PCPro.	×	×
		About PCPro...		Display the version information about PCPro.	×	×

Note 1: You can only open PCPro Listup Data format (*.pld) file.

Note 2: Window mode cannot be switched between a Compact Mode and a Normal Mode while sending or receiving a signal for any command.

Note 3: Only available for system administrators.

Note 4: Not available when no screen is activated (menu is dimmed).

Note 5: Not available when no screen is activated (menu is hidden).

Note 6: If no command history is present, this option is not available (option is dimmed).

Note 7: Setting change takes effect after restarting PCPro.

Note 8: Not displayed in North America.

Note 9: If characters in the character code table below are used (Azerbaijani, etc), set to Turkish. Also, notice that the number under the characters is Unicode.

		Down Line															
		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Upper Line	0			À 00C0	Á 00C1	Â 00C2	Ã 00C3	Ê 00CA	Ë 00D5								
	1			á 00E1	í 00ED	ó 00F3	ú 00FA	ñ 00F1	Ñ 00D1	a 00AA	o 00BA	ç 00BF		¬ 00AC	İ 0130	« 00AB	» 00BB
	2	(space) 0020	! 0021	" 0022	# 0023	\$ 0024	% 0025	& 0026	' 0027	(0028) 0029	* 002A	+ 002B	, 002C	- 002D	. 002E	/ 002F
	3	0 0030	1 0031	2 0032	3 0033	4 0034	5 0035	6 0036	7 0037	8 0038	9 0039	:	;	< 003C	= 003D	> 003E	? 003F
	4	@ 0040	A 0041	B 0042	C 0043	D 0044	E 0045	F 0046	G 0047	H 0048	I 0049	J 004A	K 004B	L 004C	M 004D	N 004E	O 004F
	5	P 0050	Q 0051	R 0052	S 0053	T 0054	U 0055	V 0056	W 0057	X 0058	Y 0059	Z 005A	[005B	¥ 00A5] 005D	^ 005E	_ 005F
	6	` 0060	a 0061	b 0062	c 0063	d 0064	e 0065	f 0066	g 0067	h 0068	i 0069	j 006A	k 006B	l 006C	m 006D	n 006E	o 006F
	7	p 0070	q 0071	r 0072	s 0073	t 0074	u 0075	v 0076	w 0077	x 0078	y 0079	z 007A	{ 007B	 007C	} 007D		
	8	Ç 00C7	ü 00FC	é 00E9	â 00E2	ä 00E4	à 00E0	â 00E5	ç 00E7	ê 00EA	ë 00EB	è 00E8	ÿ 00EF	î 00EE	ï 00EC	Ä 00C4	Å 00C5
	9	Ê 00C9	ə 0259	Ə 018F	ô 00F4	ö 00F6	ò 00F2	û 00FB	ü 00F9	y 00FF	ÿ 00D6	Û 00DC	ç 00A2	£ 00A3		, 201A	f 0192
	A	” 201E	… 2026	† 2020	‡ 2021	£ 00C6	‰ 2030	< 2039	Š 015A	Ŧ 0164	Ž 0179	“ 201C	” 201D	· 2022	- 2013	— 2014	æ 00E6
	B	™ 2122	> 203A	ś 015B	ť 0165	ž 017A	ˇ 02C7	˘ 02D8	Ł 0141	Ą 0104	Ż 017B	˙ 02DB	ł 0142	ą 0105	Ł 013D	˘ 02DD	Ŧ 013E
	C	ž 017C	Ř 0154	Ǻ 0102	Ĺ 0139	Č 0106	Č 010C	Ę 0118	Ě 011A	Ď 010E	Đ 0110	Ń 0143	Ň 0147	Ő 0150	Ř 0158	Ű 016E	Ū 0170
	D	Ŧ 0162	ř 0155	Ǻ 011E			ǧ 011F	ı 0131	ş 015F	€ 20AC	ă 0103	Í 013A	ć 0107	č 010D	ę 0119	ě 011B	đ 010F
	E	đ 0111		Ş 015E	ñ 0148	õ 0151	ř 0159	ű 016F	ü 0171	ı 0163	ı 02D9	ñ 0144	i 00A1		£ 20A4		
	F	Ƶ 0252	ɑ 0251	θ 03B8		Ω 03A9		Σ 03A3	π 03C0		y 0443				÷ 00F7		

3. Shortcut Key

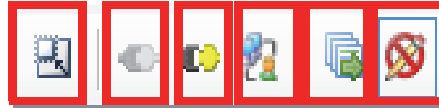
Key	Function
F1	Display Help for PCPro.
F8	Move the cursor to the Command Name Input field.
Shift + F8	Display the history of commands entered during the current run of PCPro.
Ctrl + O	Open a Listup Report file exported from the Telephone icon command (Note 1). A user needs to manage the exported file by him/herself. User can refer to or re-export the data with offline mode or on other PCPro.
Ctrl + M	Switch the display between Normal Mode and Compact Mode.
Ctrl + Shift + C	Display the [Connect] screen for establishing a communication link with the Telephony Server.
Ctrl + Shift + D	Display the [Disconnect] screen for clearing a communication link with the Telephony Server.
Ctrl + Shift + A	Display the [Connection Account Setting] screen for creating and verifying a connection account.
Ctrl + Shift + Q	Activate QuickPro which registers the Office Data to the system with a Batch Processing.

Note 1: You can only open PCPro Listup Data format (*.pld) file.

4. Toolbar

Shortcut icons of the commonly used menus are displayed on the Toolbar. Click an icon to gain access to the functions listed in the table below.

(1) (2) (3) (4) (5) (6)



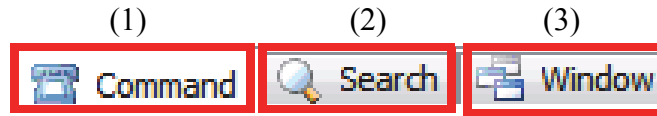
No.	Menu Category	Item	Function	Reference Page
(1)	View	Compact Mode	Switch the mode between Normal Mode and Compact Mode.	–
(2)	System	Connect	Display the [Connect] screen to establish a communication link with the Telephony Server.	–
(3)		Disconnect	Disconnect a communication link with the Telephony Server.	–
(4)		Connection Account Setting	Display the [Connection Account Setting] screen for creating and verifying a connection account.	–
(5)	Tools	QuickPro	Activate QuickPro which registers the Office Data to the system with a batch processing.	–
(6)		Prevent Unintended Change of Data	<p>Enable/Disable the “Prevent Unintended Change of Data” function, which prevents unintentional data modification.</p> <p>This function is enabled at the initial start-up of PCPro. (When this function is turned on, the icon is marked with a blue box.) The current setting is used the next time PCPro is started. Setting change takes effect after restarting the command.</p> <p>Note: This setting applies to the entire PC-Pro (not for specific windows of the application), and is saved for each user logged in to Windows.</p>	–

5. Sub Menu

Sub menu associated with the Mode Selector Tab being selected is displayed.

5.1 Mode Selector Tabs

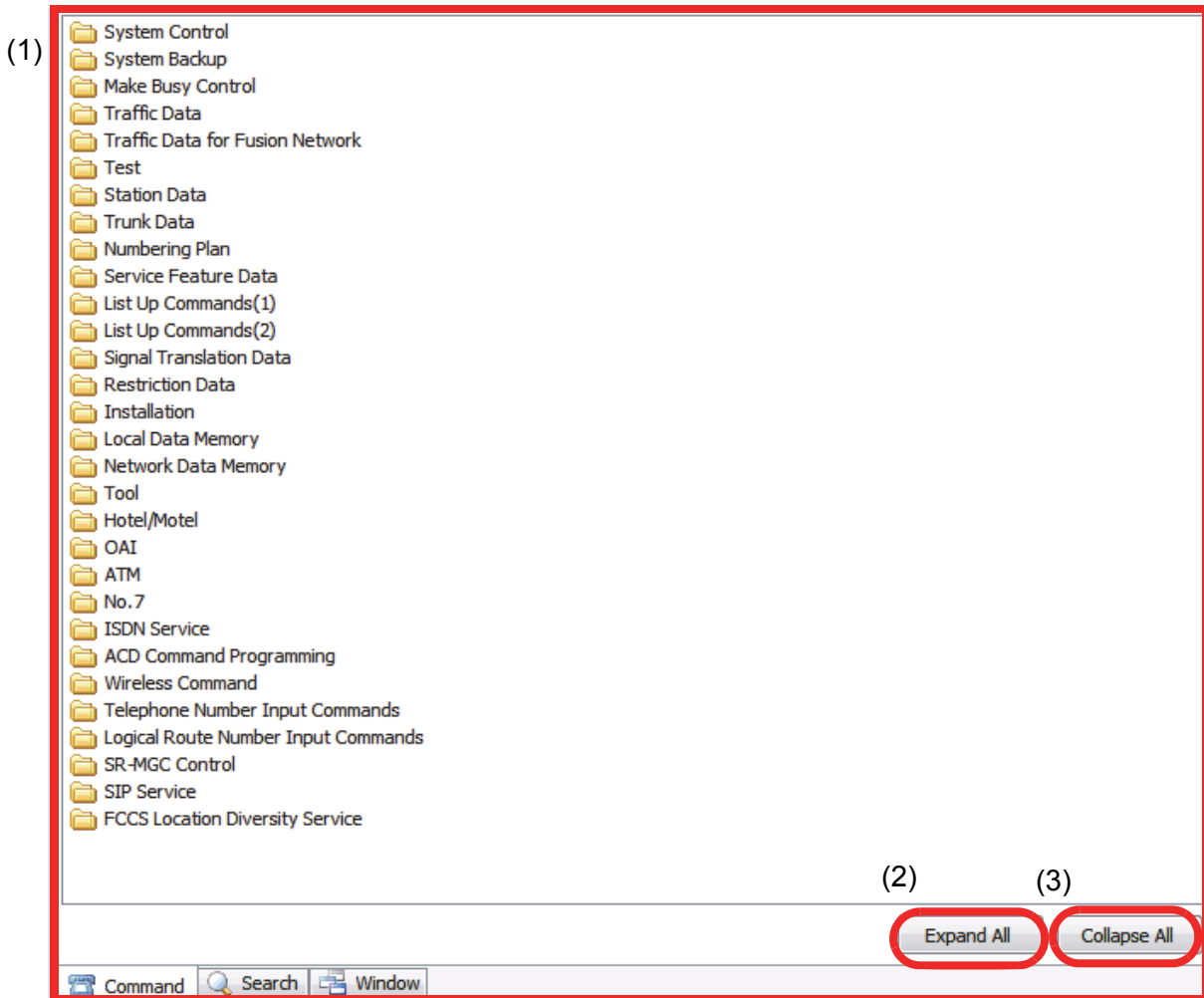
The selected mode on the Sub Menu is displayed.



No.	Item	Description	Reference Page
(1)	[Command] tab	Display Command Mode on the Sub Menu.	page 49
(2)	[Search] tab	Display Search Mode on the Sub Menu.	page 50
(3)	[Window] tab	Display Window Mode on the Sub Menu.	page 51

5.2 Command Mode

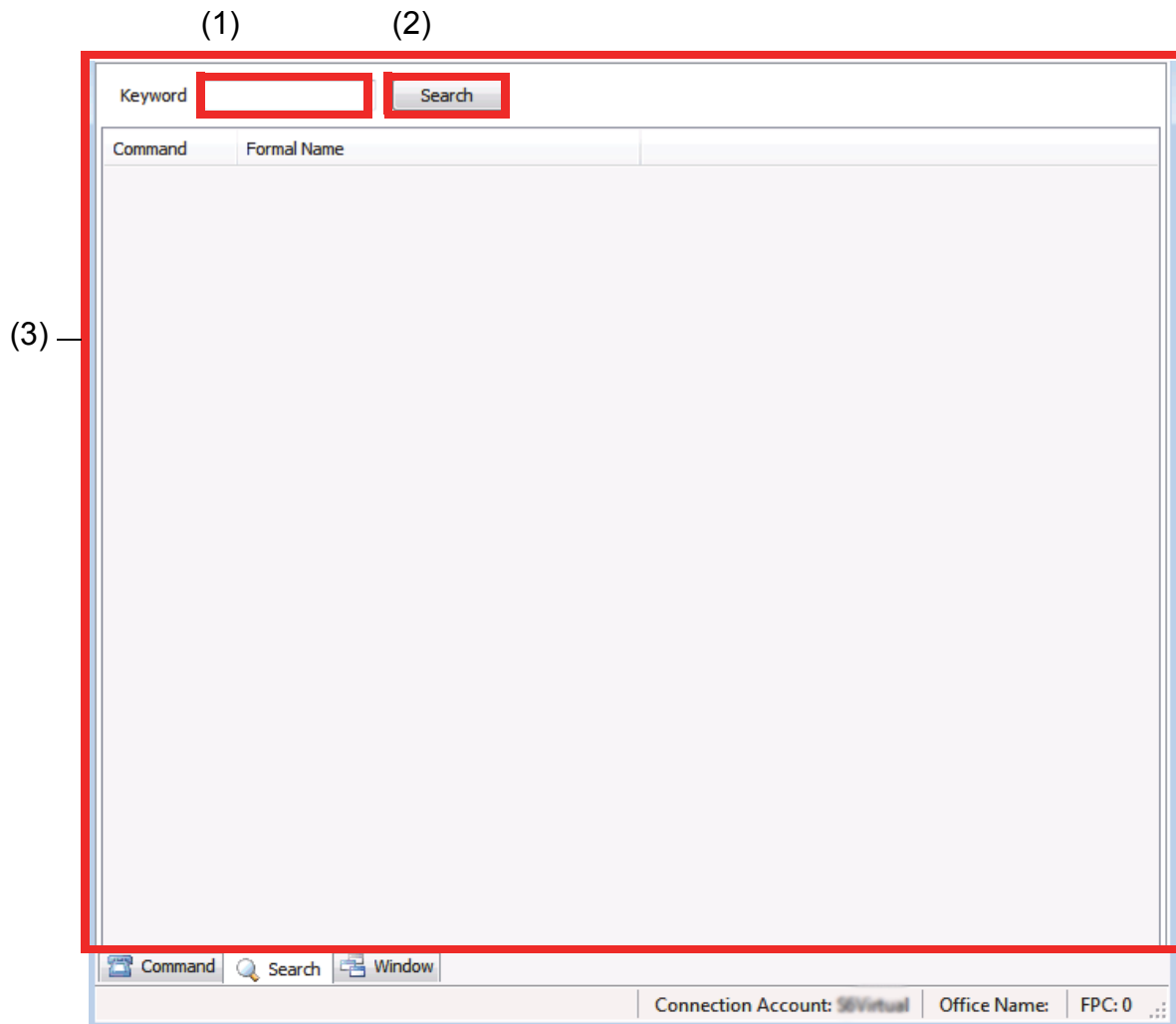
This mode is used to execute a command.



No.	Item	Description
(1)	Sub Menu Display	Display a list of commands based on the user account connected to the system. Commands are grouped by the functions. When you expand a group, corresponding commands are displayed.
(2)	[Expand All] Button	Click to expand the entire submenu tree.
(3)	[Collapse All] Button	Click to collapse the entire tree view.

5.3 Search Mode

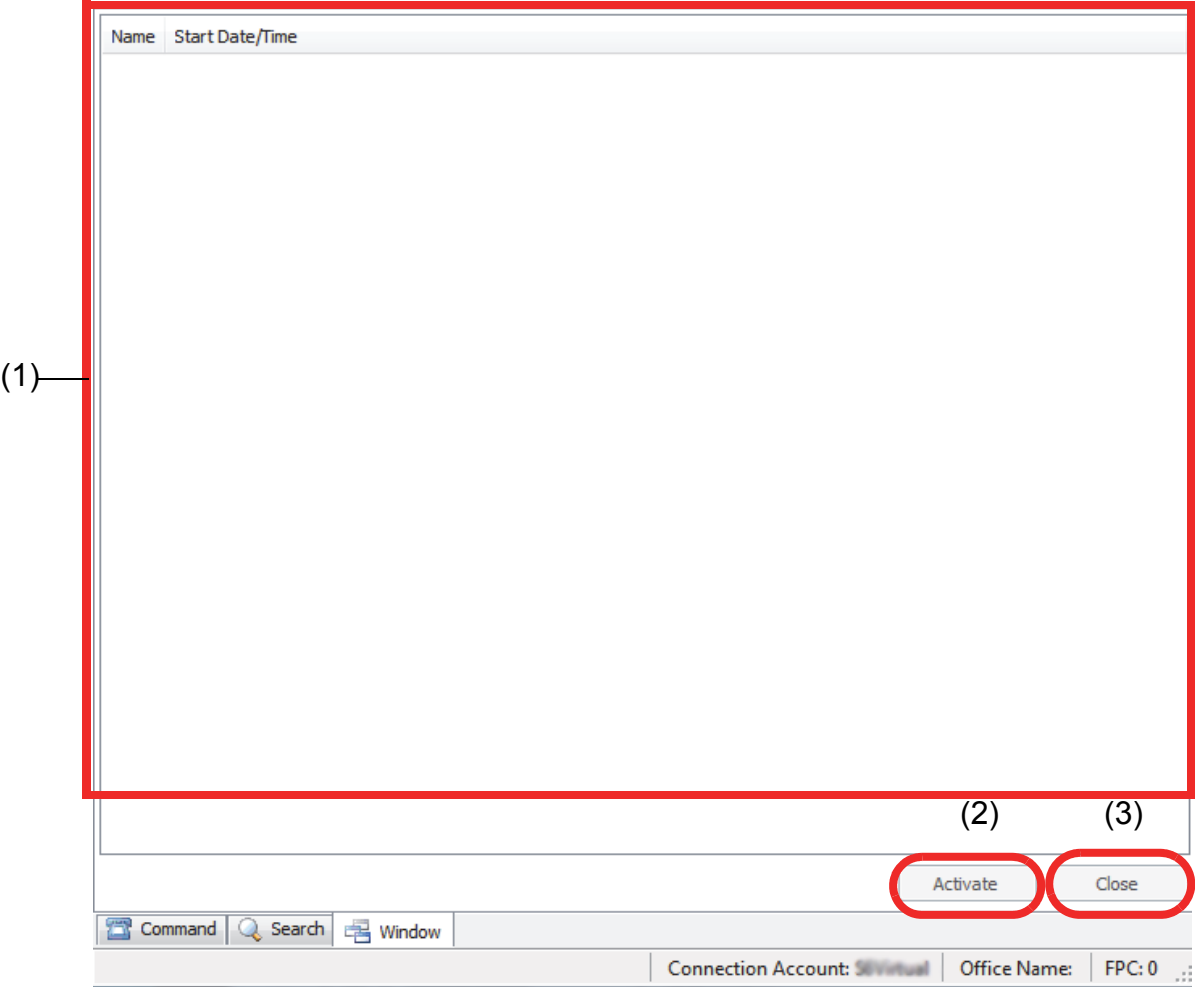
This mode is used to search a command.



No.	Item	Description
(1)	Search Keyword Entry Field	Type the part of the command name or function you want to search for.
(2)	[Search] Button	Click to launch a search.
(3)	Search Result List	As a search result, command name and the formal name are listed. Double-click the command to execute.

5.4 Window Mode

This mode is used to manipulate command windows in use.



No.	Item	Description
(1)	Command Window List	Display a list of windows currently executed. Double-click the window name to activate and display in forefront of all windows.
(2)	[Active] Button	Click to activate and display the window selected from the list (1) in forefront of all windows.
(3)	[Close] Button	Close the window selected from the list (1).

5.5 Status Bar



No.	Item	Description
(1)	Connection Account	Display the connection account of the Telephony Server with which PCPro has established a communication link.
(2)	Office Name	Display the office name of the system.
(3)	FPC	Display the Fusion Point Code (FPC) of the system.

6. Scan Toolbar

Shortcut icons of the commonly used menus are displayed on the Toolbar. Click an icon to gain access to the functions listed in the table below.



No.	Menu category	Item	Function	Reference Page
(1)	Scan	Scan New Alarms/ Traffic	Switch ON/OFF for the scan that starts monitoring the accumulating status of alarms and traffic data. Note: This functions is not available when Collect New Alarms or Collect New Traffic is enabled.	–
(2)		Collect New Alarms	Change ON/OFF for the automatic alarm collection that automatically collects the accumulated alarms (MJ/MN/SUP). Note: This function is not available when Scan New Alarms/Traffic is disabled.	–
(3)		Collect New Traffic	Change ON/OFF for the automatic traffic collection that automatically collects the accumulated traffic data. Note: This function is not available when Scan New Alarms/Traffic is disabled.	–
(4)		Abort Data Collection	Abort the automatic data collection for the alarms and traffic data.	–
(5)		View Scan Log	View the scan logs for the scan, and the automatic data collection for the alarms and traffic data.	–
(6)	–	Lamp Display	Display the accumulating status for the alarms (MJ/MN/SUP) and traffic data (TRF). Note 1	–

Note 1: Each lamp displays as follows.

Data	Lamp	Description
MJ		Major Alarm has been accumulated.
MN		Minor Alarm has been accumulated.
SUP		Supervisor Alarm has been accumulated.
TRF		Traffic data has been accumulated.



CHAPTER 5

Various Settings of PCPro

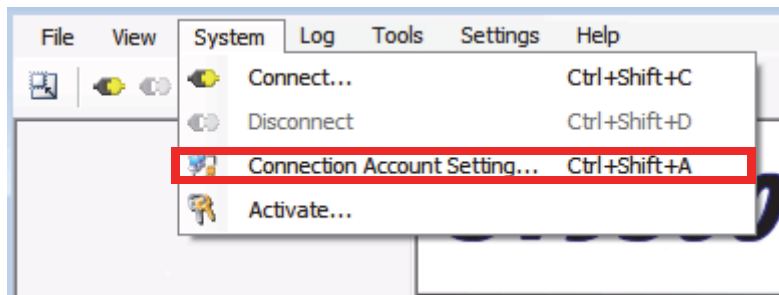
This chapter describes the settings to utilize PCPro.

1. Connection Account Setting

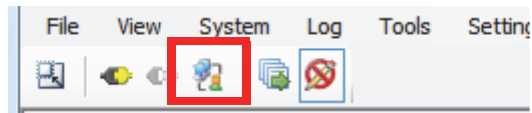
Follow the steps below to create a connection account used to establish a communication link between the Telephony Server and PCPro.

STEP 1: Choose either of the following to open the Connection Account Setting screen.

- On the Main Menu, click the [System] menu, and select the [Connection Account Setting].

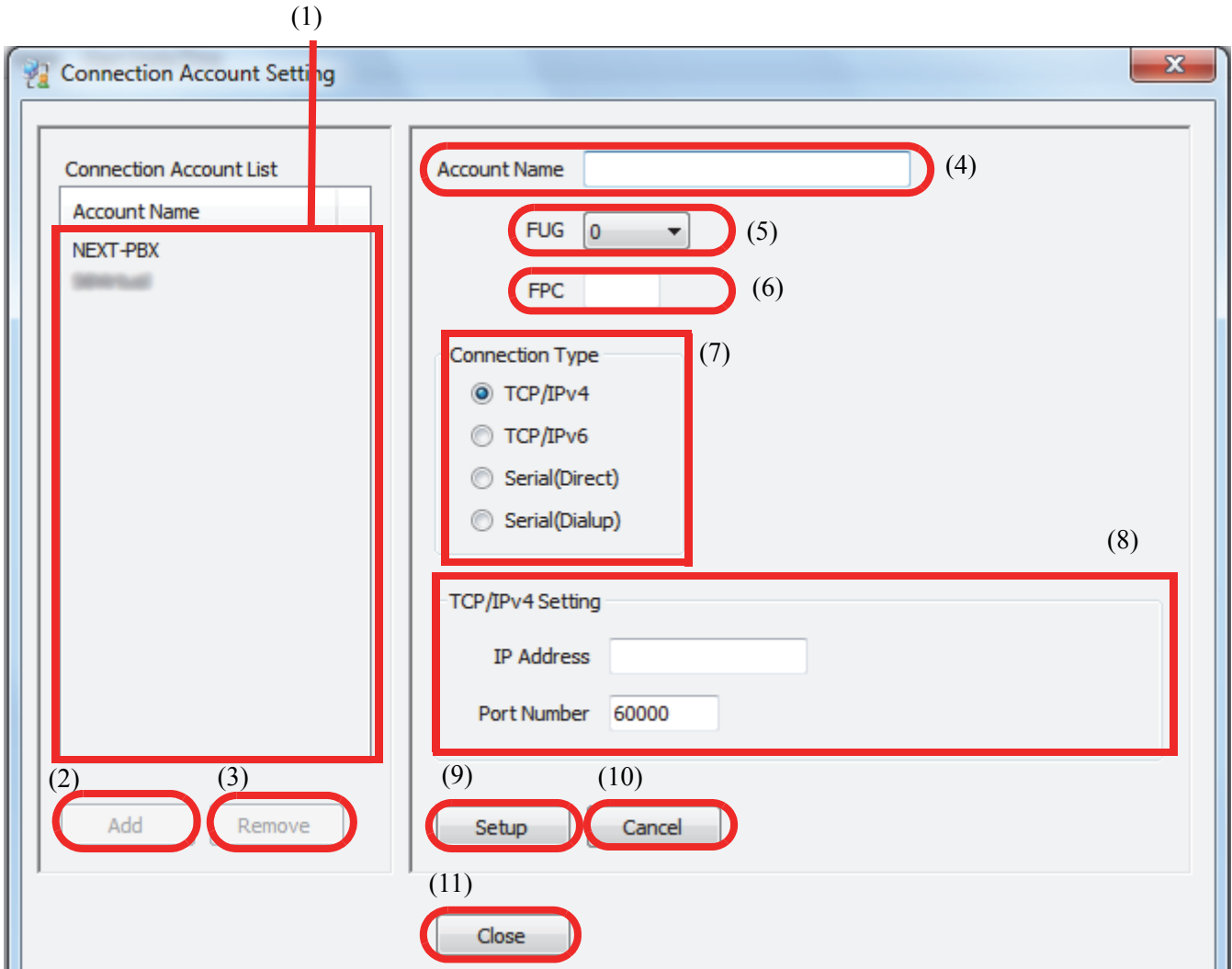


- Click the [Connection Account Setting] icon on the Toolbar.



The [Connection Account Setting] screen is displayed.

Connection Account Setting screen



No.	Item	Description
(1)	Connection Accounts List	Displays a list of connection accounts registered on PCPro. When one of the connection account is selected from the list, the registered data is displayed in the items (4) - (8) and can be edited.
(2)	[Add...] button	Click to add an additional connection account. The items (4) - (8) are initialized, and a new data can be edited.
(3)	[Remove] button	Click to delete the connection account selected from the Connection Accounts list.

No.	Item	Description	
(4)	Account Name	Enter the name of the connection account. A maximum of 16 characters can be registered except the [\ / : , . ; * ? “ < >] and a space. Also, the following words are not allowed to be used as account names whether they are in upper or lower cases; “CON”, “AUX”, “PRN”, “NUL”, “COM#”, “LPT#”. (Here, “#” signifies the number between 1-9.)	
(5)	FUG	Select the fusion group number of the system from 0-4. (default: 0)	
(6)	FPC	Enter the fusion point number of the system from 0-253.	
(7)	Connection Type	Select the connection type with the system from the following. <ul style="list-style-type: none"> • TCP/IPv4 *default • TCP/IPv6 • Serial (Direct) • Serial (Dial-up) 	
(8)	TCP/IPv4	IP Address	Enter the IP address of the system from the [0.0.0.0 - 255.255.255.255].
		Port Number	Enter the port number of the system from the [1024-65534]. (default: 60000)
	TCP/IPv6	IP Address	Enter the IP address of the system from the [::1-ffff:ffff:ffff:ffff:ffff:ffff:ffff:ffff]. Note: The following addresses cannot be set. <ul style="list-style-type: none"> • Addresses that are not specified (0:0:0:0:0:0:0, ::, etc) • IPv4-compatible address (::192.0.2.0, etc) • IPv4-projective address (::ffff:192.0.2.0, etc)
		Port Number	Enter the port number of the system from the [1024-65534]. (default: 60000)
	Serial (Direct)	COM Port	Select the serial port used to connect with the system from COM1-4. (default: COM1)
		Speed (bps) Note 1	Select the speed to communicate between PCPro and the system from the [300/600/1200/2400/4800/9600]. (default: 4800)
	Serial (Dial-up) Note 2	Modem Name	Select or enter the name of modem used to connect with the system. The modem port installed on the PC is displayed as an option. Maximum of 50 characters can be entered.
		Phone Number	Enter the telephone number to connect with. A maximum of 50 characters can be entered only from the [0-9 * # - () ,].
(9)	[Setup] button	Click to setup the edited connection account.	
(10)	[Cancel] button Note 3	Click to cancel the edit.	
(11)	[Close] button	Click to close the [Connection Account Setting] screen.	

Note 1: 1200 bps or more must be selected.

Note 2: Before setting the [Connection Account Setting], set the following setting.

- Modem Setting on PCPro Side
- Modem Setting on IOC Side

Note 3: Cancel button is displayed only when the [Add] button is clicked.

STEP 2: Click the Setup button after editing the items (4) - (8). The registered connection account is added to the connection account list.

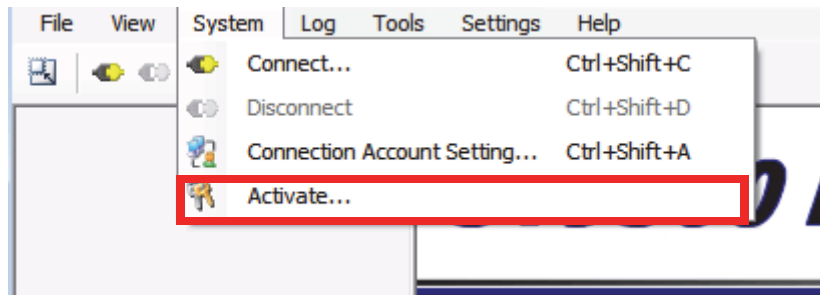
STEP 3: Click the [Close] button to close the [connection account setting] screen.

Connection account has been set.

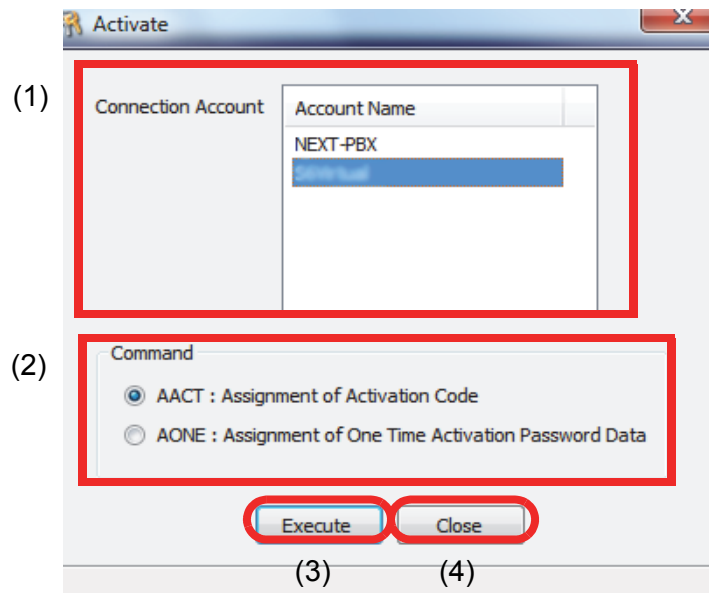
2. Activate

This section describes how to activate the system.

STEP 1: Click the [System] menu, and select the [Activate] to open the Activate screen.



Activate screen.



No.	Item	Description
(1)	Connection Account	List of connection accounts registered on the system are displayed.
(2)	Command	Select the command you wish to execute. <ul style="list-style-type: none"> • AACT: Assignment of Activation Code • AONE: Assignment of One Time Activation Password Data
(3)	[Execute] button	Connect to the selected connection account, and activate the selected command.
(4)	[Close] button	Close the [Activate] screen. All the command screens being executed are also closed.

STEP 2: Select (2) and click the [Execute] button to execute the command.

STEP 3: Set the Activation.

Note: See Appliance Model Installation Manual/Prepackaged Server Model Installation and Operation Manual for the details of the command.

STEP 4: Click the [Close] button to close the Activate screen.

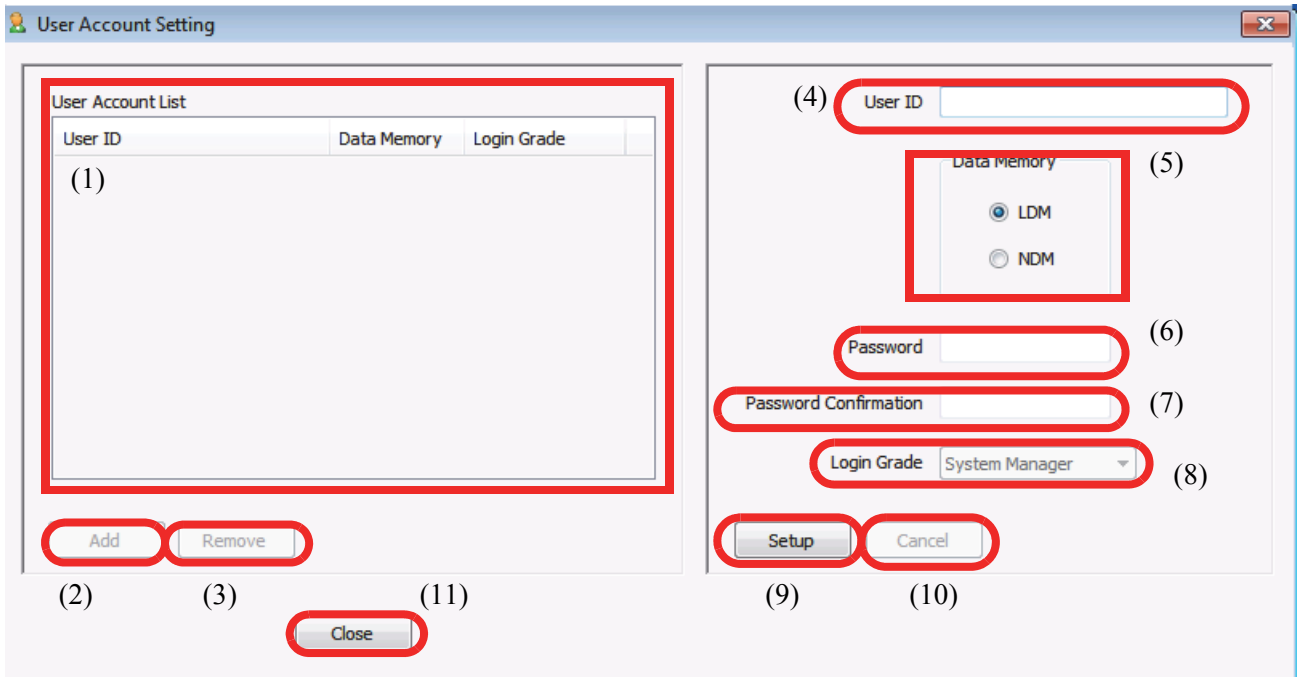
An activation setting has now been completed.

3. User Account Setting

Set the user account for the system connected to PCPro.

STEP 1: On the [User] menu, select the [User Account Setting].

User Account Setting screen (data is not set)



No.	Item	Description
(1)	User Account List	List of user accounts registered on the system being connected are displayed.
(2)	[Add...] button	Click to add an additional user account. The items (4) - (8) are initialized, and a new data can be edited.
(3)	[Remove] button	Click to delete the connection account selected from the Connection Accounts list.
(4)	User ID	Enter the ID of user account. A maximum of 16 characters can be entered. It is unavailable if all the entered are a space only.
(5)	Data Memory	Select the DM (Data Memory) to manage the registered user account from LDM/NDM. (default: LDM)

Continued on next page

No.	Item	Description
(6)	Password	Enter the password of the user account. Note 1 A maximum of 8 characters can be entered. Note 2 If space is entered, a password cannot be set.
(7)	Password Confirmation	Enter the password of the user account again. Note 1
(8)	Login Grade	Select the login grade of the user account from the following. Note 3 <ul style="list-style-type: none"> • System Administrator • Login grade registered on the Data Memory selected. (1-16)
(9)	[Setup] button	Click to setup the edited user account.
(10)	[Cancel] button Note 4	Click to cancel the edit.
(11)	[Close] button	Click to close the [User Account Setting] screen.

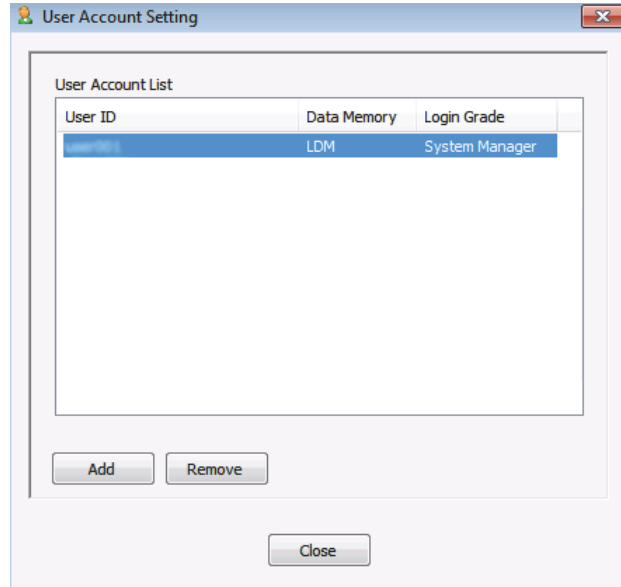
Note 1: The entered characters are displayed as “*”.

Note 2: You are recommended to create 8 character passwords.

Note 3: When registering a user account, the user account of the system administrator must be registered on each Data Memory. When user account is not registered on the selected Data Memory, the system administrator is selected as the login grade automatically, and it cannot be changed.

Note 4: The Cancel button is displayed only when the [Add] button is clicked. However, it is not displayed if there is no user account registered.

STEP 2: Click the Setup button after editing the items (4) - (8). The registered user ID is added to the user account list.

User Account setting screen (data is set)

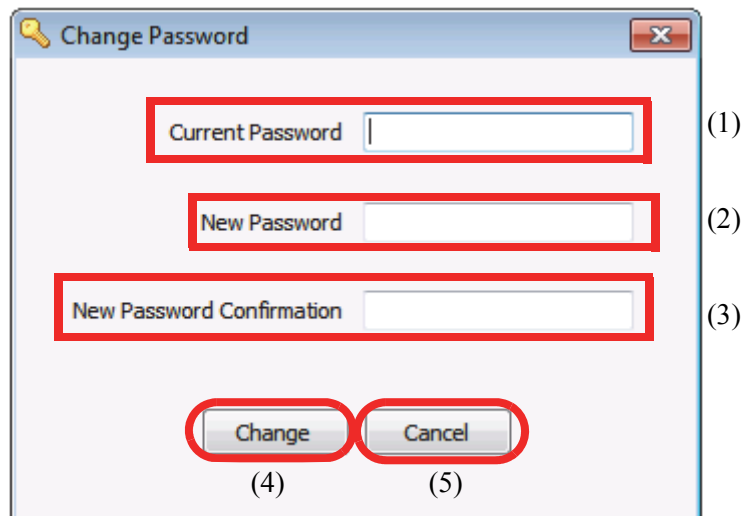
STEP 3: Click the [Close] button in the [User Account Setting] screen.

A user account has now been created.

4. How to Change Password

The password associated with the user account who is logged in to the system can be changed.

STEP 1: On the [User] menu, select the [Change Password] to open the [Change Password] screen.

Change Password screen

No.	Item	Description
(1)	Current Password	Enter the password registered when connecting to the system. Note 1
(2)	New Password	Enter the new password. Note 1 A maximum of eight characters can be entered except a space. Note 2
(3)	New Password Confirmation	Enter the new password again. Note 1
(4)	[Change] button	Click to change the current password to the new password.
(5)	[Cancel] button	Click to cancel the new password and close the window.

Note 1: The entered characters are displayed as “*”.

Note 2: You are recommended to create 8 character passwords.

STEP 2: Enter [\(1\)](#) - [\(3\)](#), and click the [Change] button.

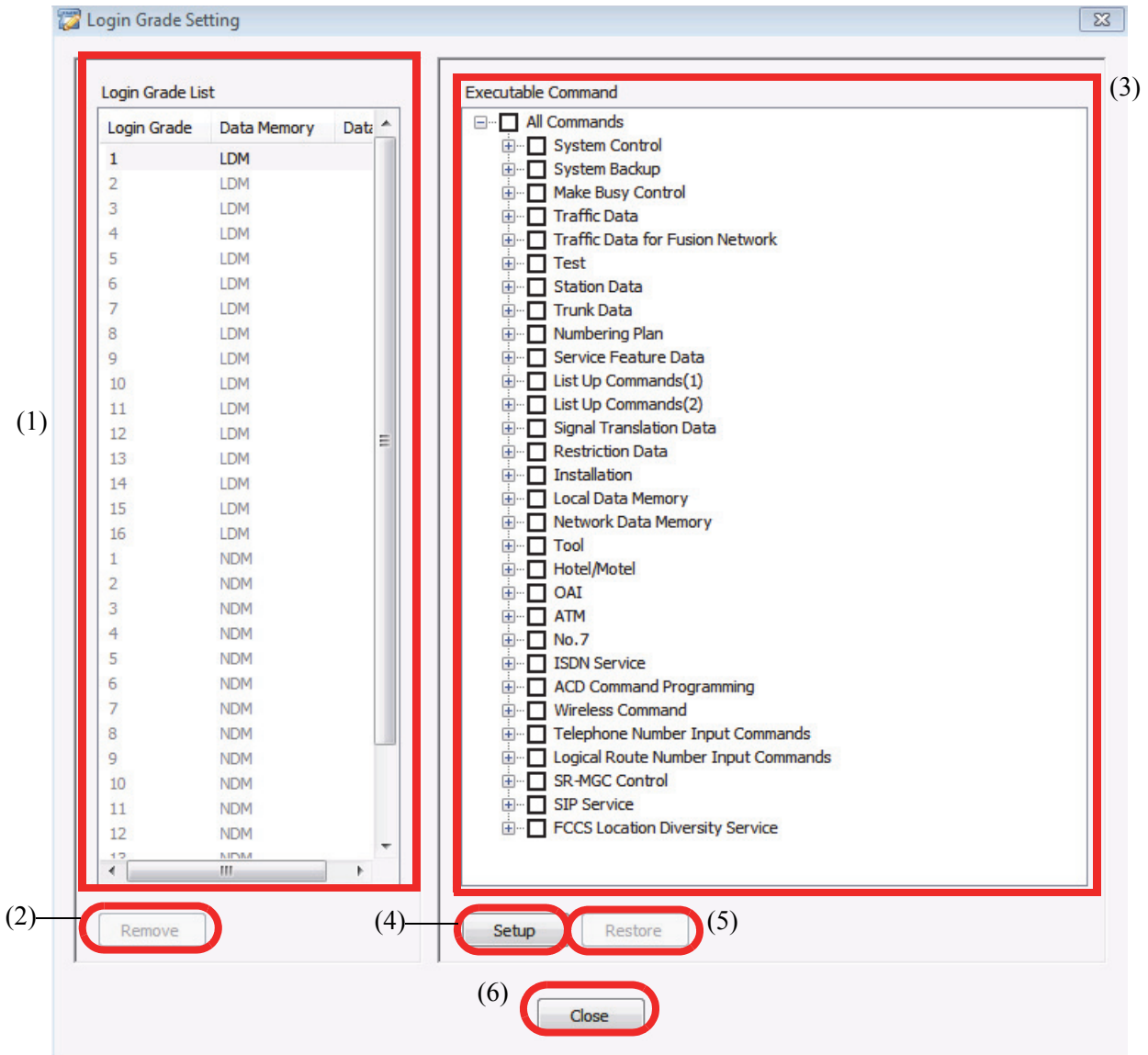
The new password has been registered.

5. Login Grade Setting

Set the login grade for the system connected with PCPro.

STEP 1: On the [User] menu, Select the [Login Grade Setting].

Login Grade Setting screen



No.	Item	Description
(1)	Login Grade List	The available login grade (1-16) are displayed for each Data Memory. Note 1 When the login grade is selected, the status on the check boxes for executable commands are changed, and they can be edited. Note 2
(2)	Remove	Click to delete the login grade selected from the Login Grade List.
(3)	Executable Command	Set ON to the check box of the command that you want to allow to execute. Note 3
(4)	[Setup] button	Click to setup the edited login grade.
(5)	[Restore] button	Click to restore the status on the check box for executable command to the former status.
(6)	[Close] button	Click to close the [Login Grade Setting] screen.

Note 1: If the login grade already registered is selected, “exist” is displayed in Data column. If not registered, the login grade is displayed in gray-out status.

Note 2: If the login grade already registered is selected, the status on the check box of each executable command is displayed as registered. If not registered, all the checkbox status are displayed as OFF.

Note 3: Commands are grouped by each feature. When the check box for any feature is checked, all commands related to the feature is allowed to execute. If the check box on the “All Command” is checked, all commands are allowed to execute.

STEP 2: Edit the login grade and click the Setup button. “exist” is displayed on the Data column of the login grade being selected from the login grade list.

STEP 3: Click the [Close] button in the [Login Grade Setting] screen.

The login grade has now been set.




CHAPTER 6

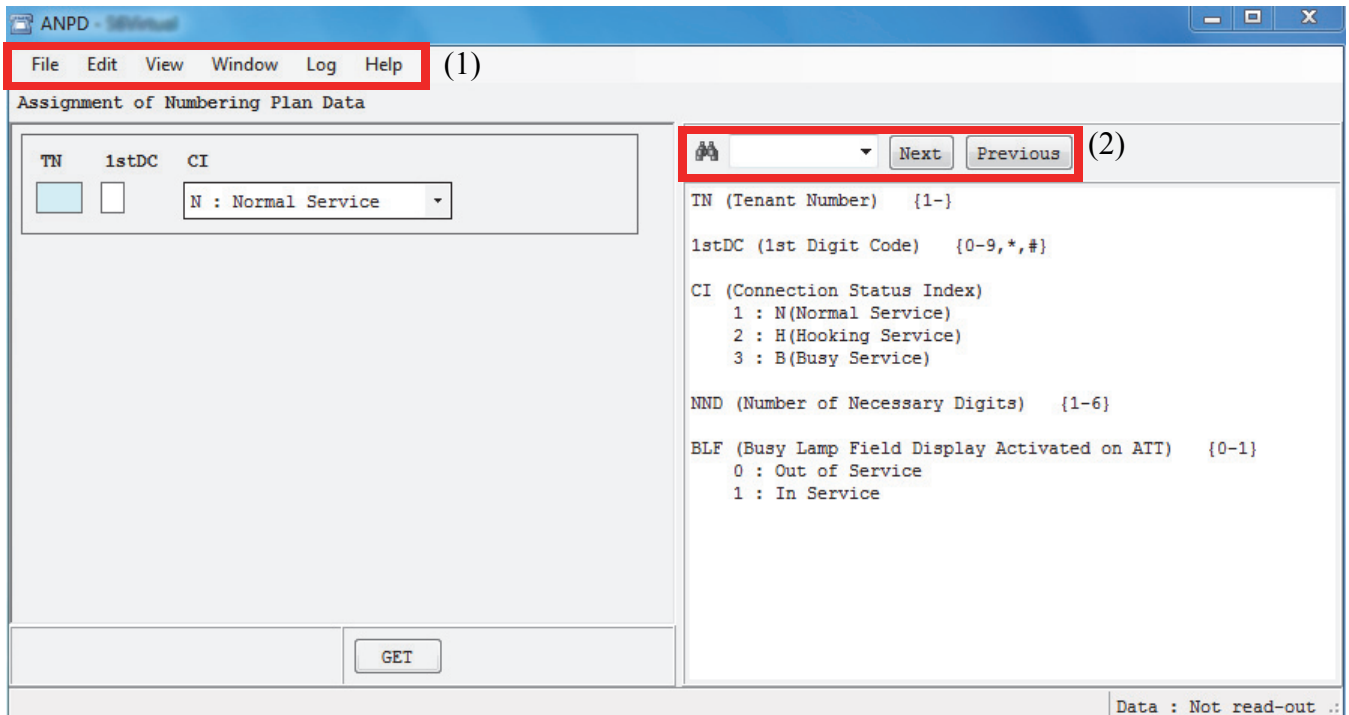
Command Operation

This chapter describes how to operate the commands to execute on PCPro.

Note: The appearance of the screens described here may differ depending on the operating system version of your maintenance PC.

1. Telephone Icon Command

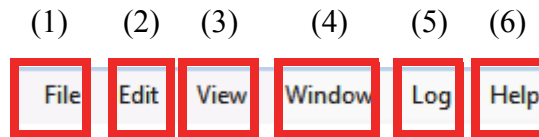
 displayed in the title bar indicates the Telephone Icon command.



No.	Item	Description
(1)	Menu	Display the functions of each command.
(2)	Search Next/Previous	Finds the next match for the search in the parameter description.

1.1 Menu

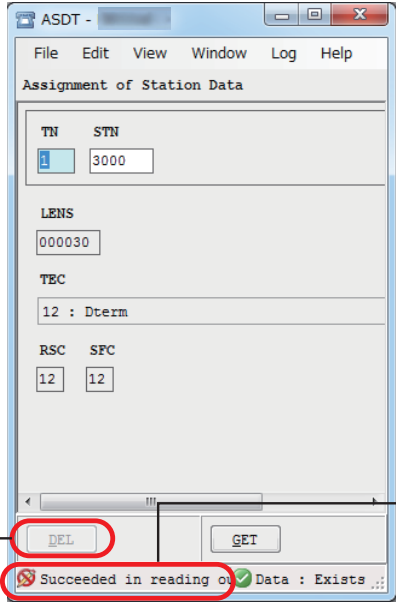
The following table shows the functions of each command.



No.		Item	Description
(1)	File	Save Values to File...	Save the name and value of each parameter to a file.
		Close	Exit the command.
(2)	Edit	Prevent Unintended Change of This Data	Enable/Disable the “Prevent Unintended Change of This Data” function, which prevents unintentional data modification on a command basis. This option is available after retrieving the data. (Note 1) When this option is turned on, the icon for it is marked with a blue box.
		Copy Values to Clipboard	Copy the name and value of each parameter to the clipboard.
(3)	View	Tool Tip	Enable the teletype for parameter range to be displayed when the cursor is placed in a parameter field.
		Switch Display Form	Switch the display form of each parameter between abbreviation form and full form.
(4)	Window	Adjust Size	Adjust the size of the command screen.
		Command Name Input	Move the cursor to the Command Name Input field of PCPro.
		Show Command Launch History	Make PCPro active and display the history of commands entered during the current run of PCPro.
(5)	Log	Open Operation Log	Display the operating log.
		Open Directory for Detailed Log	Open a directory where the detailed log of each command is stored.
(6)	Help	Help	Display a description of each parameter in the right pane.
		Search Next	Find the next match for the search in the parameter description.
		Search Previous	Find the previous match for the search in the parameter description.

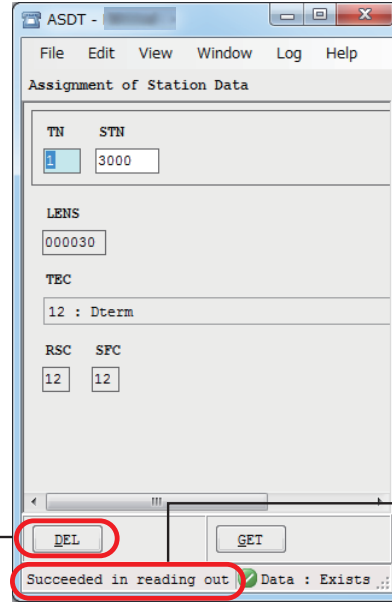
Note 1: When [Prevent Unintended Change of This Data] is enabled, buttons in the lower right of the screen are available, but those in the lower left are not available. If disabled, this function will automatically be re-enabled when you retrieve the data.

When [Prevent Unintended Change of This Data] is Enabled When [Prevent Unintended Change of This Data] is Disabled



Icon: Displayed

Button in the lower left of the window: Not Available



Icon: Not displayed

Button in the lower left of the window: Available

1.2 Search within the Parameter Description

You can perform a search within the parameter description.

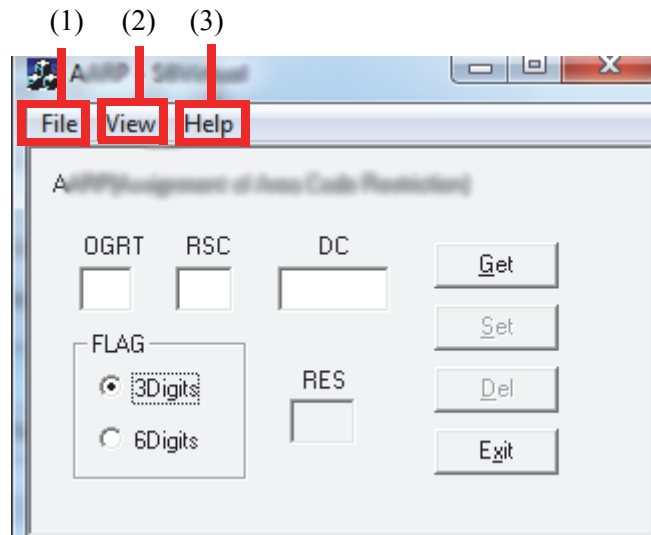
No.	Item	Description
(1)	Combo Box	Enter the keyword you want to search for.
(2)	[Next] button	Select the next text that matches the keyword entered in (1) from the parameter description.
(3)	[Previous] button	Select the previous text that matches the keyword entered in (1) from the parameter description.

1.2.1 Shortcut Key

Key	Description
F1	Call up the help function.
F3	Select the next text that matches the keyword entered in the Combo Box from the parameter description.
Shift + F3	Select the previous text that matches the keyword entered in the Combo Box from the parameter description.
F8	Move the cursor to the Command Name Input field.
Shift + F8	Make PCPro active and display the history of commands entered during the current run of PCPro.
Ctrl + Shift + S	Save the names and values for each parameter to a file.
Ctrl + W	Exit the command.
Ctrl + Shift + C	Copy the name and value for each parameter to a clipboard.
Ctrl + T	Call up the Tool Tip function.
Ctrl + D	Switch the display form of each parameter between abbreviation form and full form.
Ctrl + J	Adjust the size of the command screen.
Ctrl + L	Call up the command execution logs.
Ctrl + E	Open a directory the detailed log of each command is stored.
Ctrl + P	Enable/Disable the “Prevent Unintended Change of This Data” function.
Enter	Finish the entry and shift to the next parameter.
Shift + Enter	Return to the previous parameter.
Tab	Shift to the next parameter.
Shift + Tab	Return to the previous parameter.

2. Other Icon Command

This section explains the Other Icon command.



No.	Menu	Item	Description
(1)	File	Exit	Exit the command being executed.
(2)	View	Log	Display the operating logs.
(3)	Help	MAT Help	Display the details of each parameter.
		Keyboard Help	Display the function of the shortcut key.

2.1 Shortcut Key

Key	Description
F1	Call up the help for the parameter.
Enter	Finish the entry and shift to the next parameter.
Shift + Enter	Return to the previous parameter.
Tab	Shift to the next parameter.
Shift + Tab	Return to the previous parameter.

3. Listup Report for Telephone Icon Command

Listup Report for Telephone Icon Command

(1) File Export View Window Search Help

(2) LSDT 10/3/2013 3:27:31 PM (00:00:01)
LSDT : Listup of Station Data
 TN STN
 1 - 1 000 - #####

(3) 1 / 5

(4) Table with columns: TN, STN, LENS, TEC, RSC, SFC, ETN, DT (KD, CG, CE, HC, HP, HU, PH, HL, ND, NS, D1).
 Row 1: 1, 6000, 020000, 12 : Dterm, 1, 1, 1, X, -, -, -, -, -, -, -, -, -
 Row 2: 1, 6001, 020001, 12 : Dterm, 1, 1, 1, V, -, -, -, -, -, -, -, -, -

(5) Contains Column Next Previous

Listup Report for Commands without a Menu Bar (Simple Record View)

(6)

TN	STN	LENS	TEC	RSC	SFC	ETN	DT	KD	CG	CE	HC	HP	HU	PH	HL	ND	NS	D1
1	6000	020000	12 : Dterm	1	1	1	X	-	-	-	-	-	-	-	-	-	-	-
1	6001	020001	12 : Dterm	1	1	1	X	-	-	-	-	-	-	-	-	-	-	-
1	6002	020002	12 : Dterm	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-
1	6020	020004	12 : Dterm	1	1	1	X	-	-	-	-	-	-	-	-	-	-	-
1	6021	020005	12 : Dterm	1	1	1	X	-	-	-	-	-	-	-	-	-	-	-

Detailed view of record 1:

TN STN
 1 6000

LENS TEC RSC SFC ETN
 020000 12 : Dterm 1 1 1

DIF

KD CG CE HC HP HU PH HL ND NS
 X - - - - - - - - -

Listup Report for Telephone icon command (Display Setting of Record Columns)

The screenshot displays a software window with a table of data and a settings dialog. The table contains the following data:

TN	STN	LENS	TEC	RSC	SFC	ETN	DT			
							KD	CG	CE	HC
1	6000	020000	12 : Dterm	1	1	1	X	-	-	-
1	6001	020001	12 : Dterm	1	1	1	X	-	-	-
1	6002	020002	12 : Dterm	0	0	1	-	-	-	-
1	6020	020004	12 : Dterm	1	1	1	X	-	-	-
1	6021	020005	12 : Dterm	1	1	1	X	-	-	-

The 'Display Settings of Record Columns' dialog box is open, showing a tree view with the following items checked:

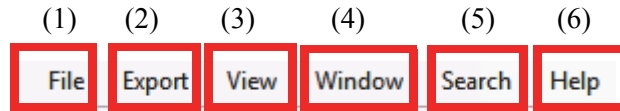
- Display Settings of Record Columns
 - TN
 - STN
 - LENS
 - TEC
 - RSC
 - SFC
 - ETN
 - DTF

A red box highlights the dialog box, and a '(7)' label is positioned to its right.

No.	Item	Description	Reference
(1)	Menu	Display the function provided for Listup Report.	page 75
(2)	Listup Conditions	Display the Command name, date when Listup command was executed and input values for each parameter.	-
(3)	Record Navigator	Used to select the record from the Listup Window.	page 76
(4)	Listup Window	List the data read by the Listup Command.	-
(5)	Search Bar	Search the entered keyword from the Listup Window.	page 77
(6)	Simple Record View	Display the contents of the selected record.	-
(7)	Display Settings of Record Columns	Used to select the parameters to display in the Listup Window. Parameters which are set as a key cannot be hidden.	-

3.1 Menu

Displays the function of Listup Report. The following functions are provided.



No.	Category	Item	Description	
(1)	File	Close	Close a Listup Report.	
(2)	Export Note 1 Note 2	Export...	Export the data displayed in the Listup window to a file.	
		Export and Open...	Export the data displayed in the Listup Window to a file and opens the exported file with an associated application program.	
(3)	View	Condition	Switch to display/hide the Listup Condition.	
		Simple Record View	Switch to display/hide the Simple Record View.	
		Columns	Settings	Switch to display/hide the Columns Settings.
			Auto Resize	Setting for automatic resizing in accordance with the displayed record.
(4)	Window	Command Name Input	Move a cursor to Enter Command field.	
(5)	Search	Next	Forward search of the keyword entered in the keyword entry field through the selected area on Listup Window. (Searches from the top after the search is done to the bottom.)	
		Previous	Backward search of the keyword entered in the keyword entry field through the selected area on Listup Window. (Searches from the bottom after the search is done to the top.)	
(6)	Help	Help	Display PCPro Help.	

Note 1: If you cancel to create the Listup Report, it cannot be exported anymore.

Note 2: The file types you can export are as follows.

File Type	Description
QuickPro Data File Format (*.txt)	The text file that is used as the Data File of QuickPro. This file format cannot be displayed for the command that does not support PCPro. Note 3 Note 4
Comma Separated Values for Excel (*.csv)	The file format to see data on Microsoft [®] Office Excel [®] . Note 4
XPS Format (*.xps)	The file format for printing. Data may be output in multiple files depending on the number of records. Note 5
Operation Log Format (*.txt)	The text file format of Operation Log Format.

File Type	Description
PCPro Listup Data Format (*.pld)	The archive file of Listup Data. To display Listup Report, select a file by clicking the [File] and then [Open...] on PCPro main menu bar.

Note 3: Note the following conditions.

- Even if the amount of Listup Data exceeds the maximum number of data record that can be written in one QuickPro file, the whole data is output as one file. For the conditions of QuickPro Data File, see [Editing Data File](#).
- The parameters only for a listup command (not for a registration command) is not output.

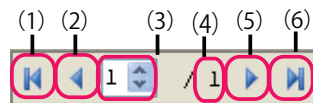
Note 4: When you refer to the exported file, Microsoft® Office Excel® may not display all the data if the amount of data exceeds the maximum number of fields that can be displayed with-in the specific version of Microsoft® Office Excel®.

Note 5: XPS files can be opened with following applications:

OS	Application
Windows 10 LTSCB 2016	Internet Explorer XPS Viewer
Windows 10	
Windows Server 2016	
Windows 8.1 Windows 8	Internet Explorer XPS Viewer Reader
Windows Server 2012 R2 Windows Server 2012	
Windows 7 Windows Server 2008 R2	Internet Explorer XPS Viewer

3.2 Record Navigator

Used to select the record from the Listup Window.

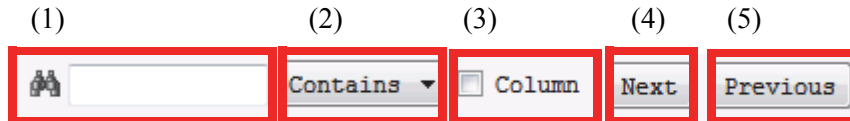


No.	Item	Description
(1)	[Top Record] button	Select the top record.
(2)	[Previous Record] button	Select the previous record.
(3)	Record Number	Specify the number of the record to display or indicates the number of the record selected

No.	Item	Description
(4)	The number of records	Display the numbers of records.
(5)	[Next Record] button	Select the next record.
(6)	[Last Record] button	Select the last record.

3.3 Search Bar

Searches the entered keyword from the Listup Window.



No.	Item	Description
(1)	Keyword Entry Field	Enter the keyword to search for.
(2)	Search Method	Select the searching method from the following: <ul style="list-style-type: none"> • Equals • Contains • Starts With • Ends With
(3)	Search in Column Wise	Select this check box to search in column wise. When this check box is not selected, the data in the Listup Window will be searched in horizontal direction.
(4)	[Next] button	Select the next data that matches the entered keyword from the Listup Window. Note 1
(5)	[Previous] button	Select the previous data that matches the entered keyword from the Listup Window. Note 2

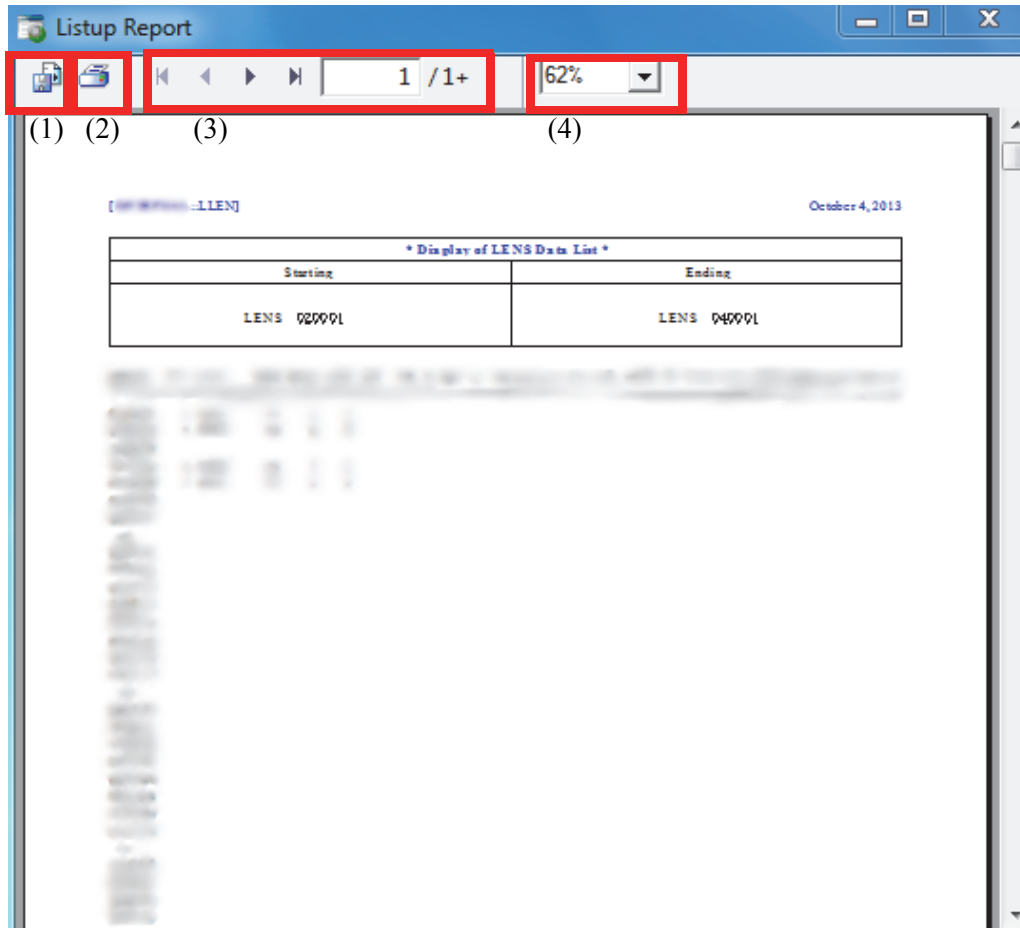
Note 1: When the search reaches the end of the list, it will continue from the beginning of the list.

Note 2: When the search reaches the beginning of the list, it will continue from the end of the list.

3.4 Shortcut Key

Key	Description
F1	Call up the help function.
F3	Select the next data from the Listup Window that matches the keyword entered in Search Bar.
Shift + F3	Select the previous data from the Listup Window that matches the keyword entered in Search Bar.
F8	Focus on the Command Name Input field.
Ctrl + W	Close a Listup report.
Ctrl + E	Export the data displayed in the Listup Window to a file.
Ctrl + Shift + E	Export the data displayed in the Listup Window to a file and opens the exported file with an associated application program.
Ctrl + O	Display/hide the Listup Conditions.
Ctrl + S	Show/hide the Simple Record View.
Ctrl + D	Show/hide the Display Settings of Record Columns.
Ctrl + R	Set whether to adjust the widths of the columns automatically so that all the contents of each parameter are fully shown.

4. Listup Report for Other Icon Command



No.	Item	Description
(1)	Export Report	Export the report currently shown.
(2)	Print Report	Print out the report currently shown.
(3)	Page Number	Specify the number of page to display or indicates the number of the page shown
(4)	Scale	Specify the scale of the report.



CHAPTER 7

QuickPro

This chapter provides the overview of QuickPro.

Note: QuickPro is not available in North America.

1. General

QuickPro is an application tool which enables you to create multiple records of Office Data for several kinds of command on either online or offline, and to register the created data to the system in one operation. See [Quick-Pro Command List](#) for available commands for QuickPro.

QuickPro registers a data of multiple commands to the system in one process by using the Data File and Order File.

- Data File

Data File is used to specify the values for each command data.

You can enter multiple records of the data in one Data File.

Use Microsoft® Office Excel® (hereinafter called Excel) to create Data Files. The command data can be created efficiently by using the copy, paste and cell operation function of Excel on the template file exported from QuickPro or with a file exported from Listup Report intended for QuickPro use.

- Order File

Order File is used to enter the processing order to execute multiple Data Files, Destination FPC (**Note 1**) and process type (SET/DEL/SKIP).

You can register multiple Data Files in one operation by specifying the order to assign the command data in the Order File.

Note 1: You need to log on to NCN (Network Control Node) to assign data to other nodes.

Either Online Mode or Offline Mode can be selected to operate QuickPro.

- Online Mode

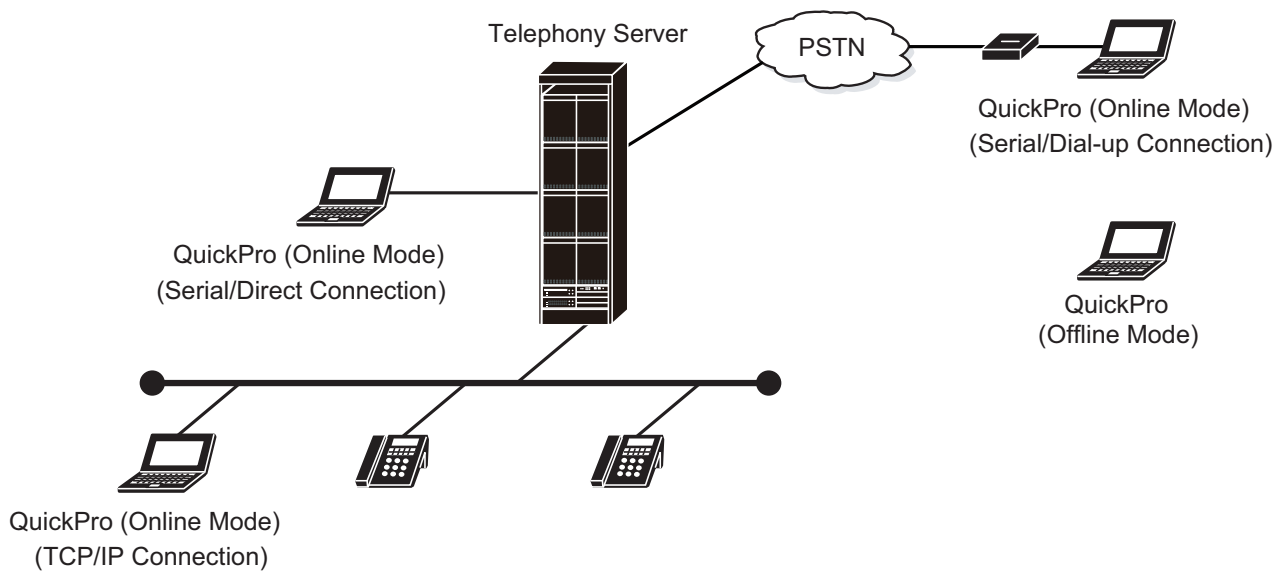
Online Mode is a mode in which QuickPro is operating with connecting to the system.

With Online Mode, you can create the Data File with the exported template which conforms to the system connected with QuickPro. In addition, you can execute an input value check on the created data, apply the checked data to the system and confirm the process results.

- Offline Mode

Offline Mode is a state in which QuickPro is not connected to the system.

In this mode, you can create the Data File with the exported template by specifying the system type and system version. In addition, you can execute an input value check on the created data and confirm the process results.



Note: For detailed procedure to create and register the data with QuickPro, see [Procedures to Create/Register Data](#) in this chapter.

2. Service Conditions for QuickPro

<General Service Conditions>

1. QuickPro is available for systems with the following software version.

System	Software Version
SV9500	Since V1
SV8500	Since FP85-104 S1
SV7000	Since FP30-100 R16
NEAX2400 IPX	Since Feature Package 8500

2. Excel can be used to edit Data Files and Order Files for QuickPro. The following versions of Excel are supported:
 - Microsoft® Office Excel® 2010
 - Microsoft® Office Excel® 2013
 - Microsoft® Office Excel® 2016
3. When QuickPro is activated, the following processes cannot be performed.
 - To exit from PCPro.
 - To connect to/disconnect from the system.
4. Data created in Offline MAT cannot be used on QuickPro and vice versa.
5. The system information setting is required to operate QuickPro on an Offline Mode. For procedure to set the system information, see [System Information Setting](#).
6. When QuickPro is operating on an Online Mode, available commands vary according to the login grade of the user. For detailed information on the login grade, see [Login Grade Setting](#).

Note: If you are operating QuickPro on an Offline Mode, you can use all the commands available for the specified system to export the template of the Data File and execute an input value check of the created data. However, if you use the Data File created on Offline Mode and use them on an Online Mode, some commands may be restricted according to the login grade.

7. Log files stored on QuickPro will be output up to the limit of the disk capacity of the PC unless a user deletes the log files manually. Therefore, it is recommended to backup or delete the log files periodically. For the deletion procedure of log files, see [Main Menu](#) in this chapter.
8. If the maintenance PC to operate QuickPro contains a security software that automatically converts/manipulates files such as file encapsulation, specify the folder to store the Data Files and Order Files as an exception for this process.

9. When any antivirus software is installed on the same PC where QuickPro is installed, and the antivirus software is enabled in order to detect a virus on a real-time basis, the operation for QuickPro may become considerably slow. To work around this problem, set “BatchProcessLog” folder in the folder where Quick Pro is installed as an exception for continuous monitoring. see your antivirus software manuals for detailed setting procedure, since the setting procedures differ among each antivirus software.
10. If you want every record of QuickPro Data File to be displayed in a single line, enable the “Always Treat the Record as One Line” option in the menu of PCPro.
In QuickPro, some commands have a format that displays a single record in multiple lines. With this option enabled, individual records are always shown in one line.
For further information, see “[Main Menu.](#)”

<Service Conditions for Batch Processing tab>

1. The maximum number of Data Files which can be specified in Batch Processing tab of QuickPro is 100.
2. When executing an Offline Check process, the input data are checked whether they are within the range of minimum to maximum value (regardless of the system setting) available for each parameter. Therefore, for parameters which valid values are dependent on the system environment (for example, the maximum value for a tenant and the valid number of digits for a station number), there might be cases where data cannot be registered in Online Mode even though an Offline Check is completed. For detailed information on Offline Check, see [Data Check](#) in this chapter.
3. Confirm that the system environment is valid when creating the Data File template since the format of Data Files may vary according to the system type and version. In addition, confirm that the Data File supports the system to which the data are registered to when applying the data.

<Service Conditions when using Listup Data>

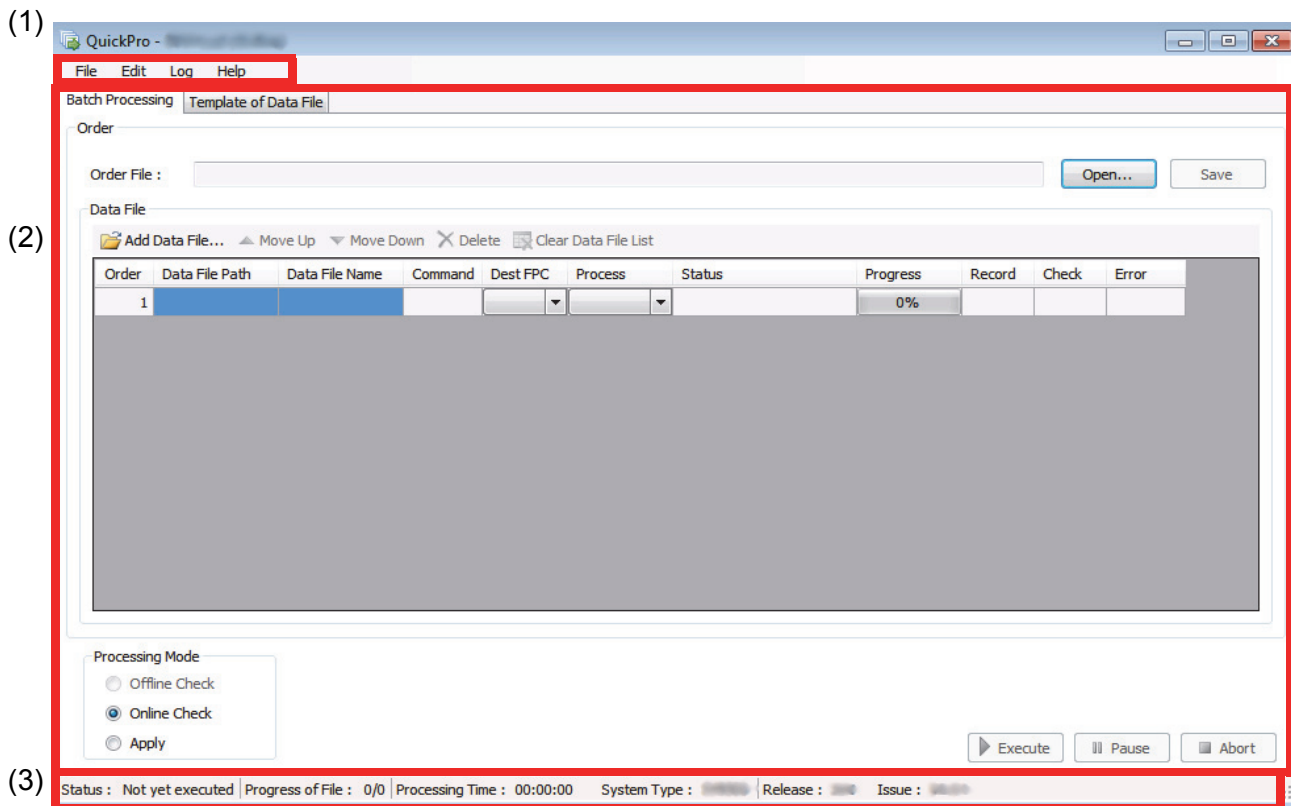
1. Data Files used for QuickPro can only be exported from a Listup Report for the Telephone icon command.
2. Parameters and input ranges for a same command may vary among systems with different types or versions. Verify the differences in parameters among systems when using Listup Data.
3. When you execute listup commands with specified conditions, the data that is out of the specified range (the number of digits) may be output because searching methods vary among the parameters whose number of digits is variable such as station numbers or DC.
If you use listup data as a QuickPro Data File, confirm the data is within the range which you intended to have.

3. QuickPro Window Layout

This section explains QuickPro window layout and functions of each component.

3.1 QuickPro Window Component Names and Functions

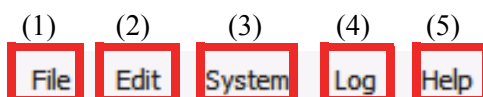
3.1.1 QuickPro Main Window



No.	Item	Description	Reference Page
(1)	Main Menu	Display the menus pertaining to general operations of QuickPro.	page 86
(2)	Tab	Switch the operation mode to either of the following: <ul style="list-style-type: none"> Batch Processing Tab Template of Data File Tab 	page 88
(3)	Status Bar	Displays the Batch Processing status and system information to which the user is logged in.	page 94

3.1.2 Main Menu

The Main Menu displays the menus pertaining to general operations of QuickPro. The functions listed in the table below are available by clicking each menu.



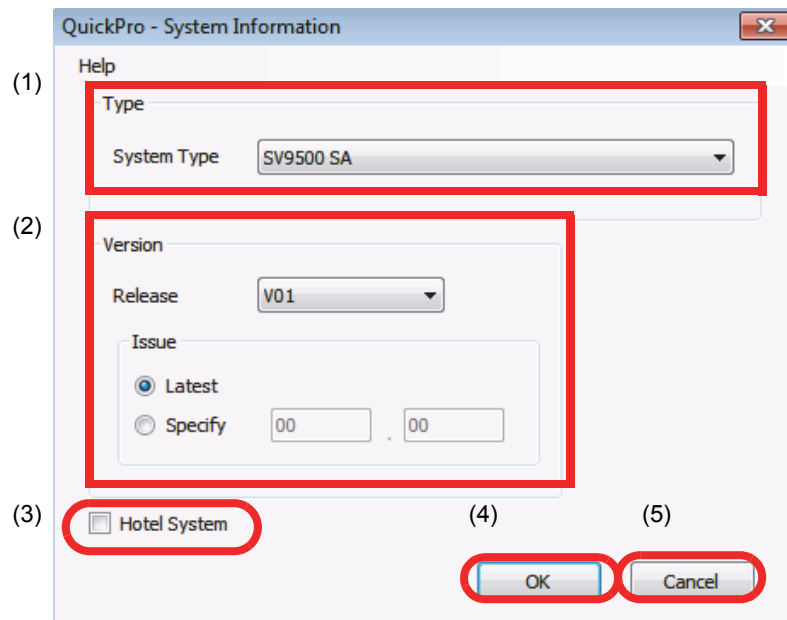
No.	Menu Category	Menu Name	Description
(1)	File	Open Order File...	Opens the Order File. Note 1
		Save Order File	Saves the contents of Data File List as an Order File. Note 1
		Exit	Exits QuickPro.
(2)	Edit	Add Data File...	Adds Data Files to the Data File List. Note 1
		Move Up	Moves up the Data File selected in the Data File List to an upper line. Note 1
		Move Down	Moves down the Data File selected in Data File List to a lower line. Note 1
		Delete	Deletes the selected Data File from the Data File List. Note 1
		Clear Data File List	Clears the Data File List. Note 1
(3)	System	Change System Information...	Displays the [System Information] dialog. Note 2
(4)	Log	Log Management...	Displays the [Log Management] dialog.
(5)	Help	Help	Displays the help of PCPro.

Note 1: This function is only available when the [Batch Processing] tab is selected.

Note 2: Only available when PCPro is operated on an Offline Mode.

3.1.3 System Information Dialog

Set the System Information in this dialog to use QuickPro in Offline Mode.



No.	Item	Description	
(1)	System Type	Select System Type from the following. “SV9500 SA” is selected in this example above. <ul style="list-style-type: none"> NEAX2400IMX, NEAX7400ICS (IMX), NEAX2400IPX SV7000 SV8500 SV9500 SA Note 3 SV9500 SB Note 3 	
(2)	Version	Release	Select the system version.
		Issue	Select “Latest” if you want to use the latest system issue and “Specify” to specify the system issue. Enter the issue number if you choose “Specify”. Note 1
(3)	Hotel System	Select this check box to execute the offline check in the range of valid values of Hotel System. Note 2	
(4)	[OK] button	Apply the input data and close the window.	
(5)	[Cancel] button	Close the window without applying the input data.	

Note 1: “System issue” indicates the issue number of the system program for SV9500, SV8500, and issue number of IMAT for NEAX2400 IPX and SV7000. Check the issue number with the DISS command.

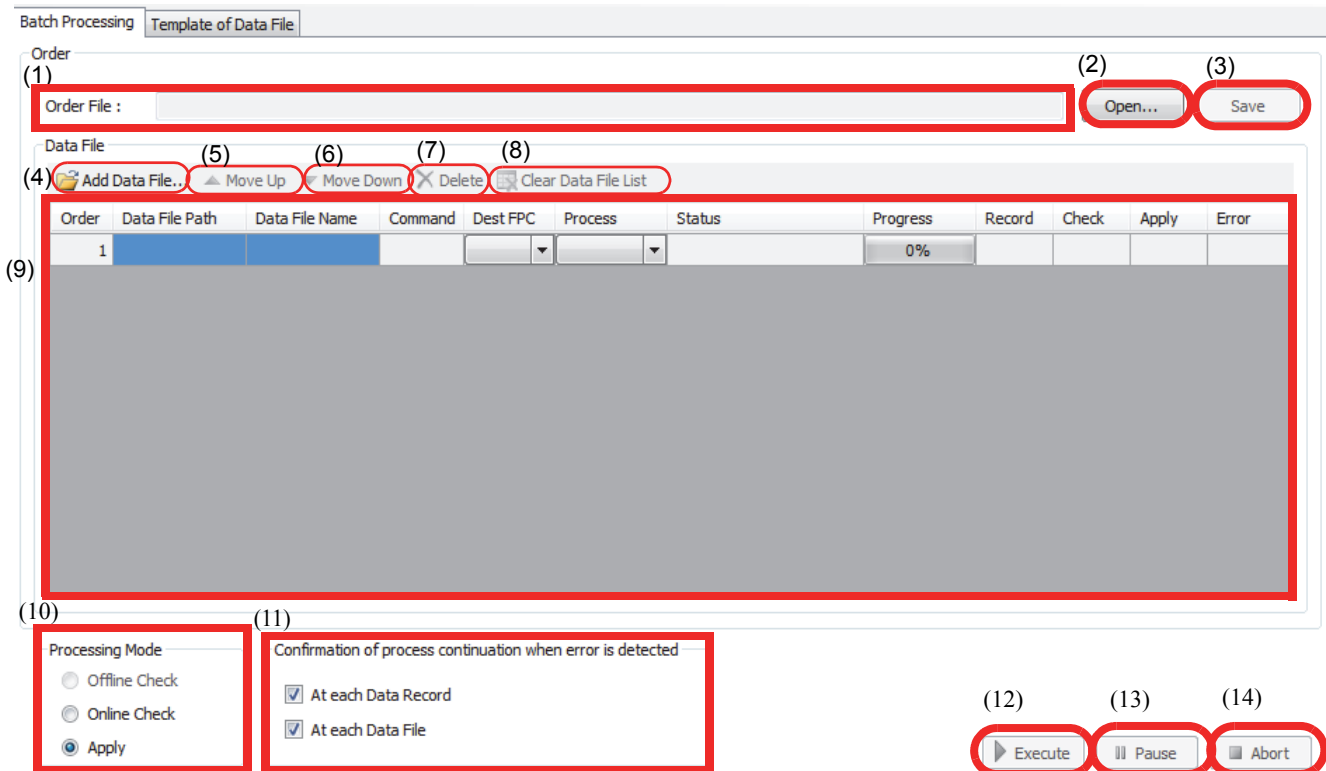
Note 2: Tree menus and templates of Template of Data File do not depend on the check status of Hotel System.

Note 3: SV9500 SA and SV9500 SB represent SV9500 (Appliance Model) and SV9500 (Prepackaged Server Model), respectively.

3.1.4 Tab

- [Batch Processing] Tab

Select this tab to execute a Batch Processing of data check and data registration for data entered in Data Files.




No.	Item	Description
(1)	Order File	Indicate the name of the Order File currently displayed.
(2)	[Open...] button	Open the Order File.
(3)	[Save] button	Save the contents of Data File List as an Order File.
(4)	[Add Data File...] button	Add the Data File to Data File List.
(5)	[Move Up] button	Move up the Data File selected in Data File List to the upper line.
(6)	[Move Down] button	Move down the Data File selected in Data File List to the lower line.
(7)	[Delete] button	Delete the selected Data File from Data File List.
(8)	[Clear Data File List] button	Clear the Data File List.

No.	Item		Description
(9)	Data File List		Display the Data Files and their processing order. When executing a Batch Processing, the progress and status of a Batch Processing will be displayed. Note 1
(10)	Processing Mode		Select the process mode for Batch Processing. Note 2
(11)	Confirmation of process continuation when an error is detected Note 4	At each Data Record	Place a check mark on this check box to show a confirmation dialog asking whether to continue the batch processing for the rest of the records in the Data File when an error is detected in each record. Note 3
		At each Data File	Place a check mark on this check box to show a confirmation dialog asking whether to continue the batch processing for the rest of the Data Files when an error is detected within each Data File. Note 3
(12)	[Execute] button		Executes the Batch Processing. When paused, the process will be resumed by pressing this button.
(13)	[Pause] button		Pauses the Batch Processing temporarily.
(14)	[Abort] button		Aborts the Batch Processing.

Note 1: The following contents are displayed in the Data File List.

Item	Description
Order	Displays the processing order of Data Files.
Data File Path	Displays the directory of the Data File in a complete path. Double-click the displaying column to open the [Add Data File] dialog to specify the Data File.
Data File Name	Displays the file name of the Data File. Double-click the displaying column to open the [Add Data File] dialog to specify the Data File.
Command	Displays the command name entered in the Data File.
Dest FPC	Displays the FPC number of the target node to execute a process. You need to log on to NCN (Network Control Node) to assign data to the nodes other than the Self Node. (While you are logging on to LN, do not assign and execute the FPC of NCN to [Dest FPC].) The process will be executed in the Self Node when a default value "0" is selected. Note: The value specified in this field will only be used in Online Mode.
Process	Select the process to be performed toward the system. <ul style="list-style-type: none"> • SET (default value): Registers the contents of the Data File to the system. (When the same data has already been registered in the system, the existing data will not be deleted automatically). • DEL: Deletes the contents of the Date File from the system. • SKIP: Move on to the next order number without executing any process for this Data File.

Item	Description
Status	<p>The status of the process for each Data File will be indicated from the list below.</p> <ul style="list-style-type: none"> • Waiting • Now Checking File... • File Check Succeeded • File Check Failed • File Check Aborted • Now Checking Condition... • Condition Check Succeeded • Condition Check Failed • Condition Check Aborted • Now Initializing... • Initialize Succeeded • Initialize Failed • Initialize Aborted • Now Checking Input... • Input Check Succeeded • Input Check Succeeded (Warning was detected) • Input Check Failed • Input Check Aborted • Input Check Aborted (Error was detected) • Input Check Aborted (Warning was detected) • Now Applying... • Apply Succeeded • Apply Succeeded (Warning was detected) • Apply Succeeded (Improper data was detected) Note 5 • Apply Succeeded (Unexpected data was detected) Note 5 • Apply Failed • Apply Aborted • Apply Aborted (Error was detected) • Apply Aborted (Warning was detected) • Skipped • Pause
Progress	Displays the progress in percentage.
Record	Displays the number of records in the Data File.
Check	Displays the number of records which an Online Check or Offline Check have already been done.
Apply	Displays the number of records which an Apply process has already been done. Note 3
Error	Displays  when an error is detected in an Online Check, Offline Check or Apply process. The number of records with an error is displayed as well.

Note 2: The available items for “Processing Mode” are shown in the table below. The file with the error detected by “Online Check” is not applied to the Telephony Server. Make sure that there are no errors on a file before you apply it.

Processing Mode	Online/Offline Mode	Description
Offline Check	Offline Mode	Checks the availability and input value of each command without accessing the system. Checks whether the parameters are within the range between the minimum to the maximum value regardless of the system setting.
Online Check	Online Mode	Checks the availability and input value of each command by accessing the system. Performs a precise check considering the system setting such as the range of tenant number and valid number of digits for station number.
Apply	Online Mode	Executes an applying process toward the system after an Online Check.

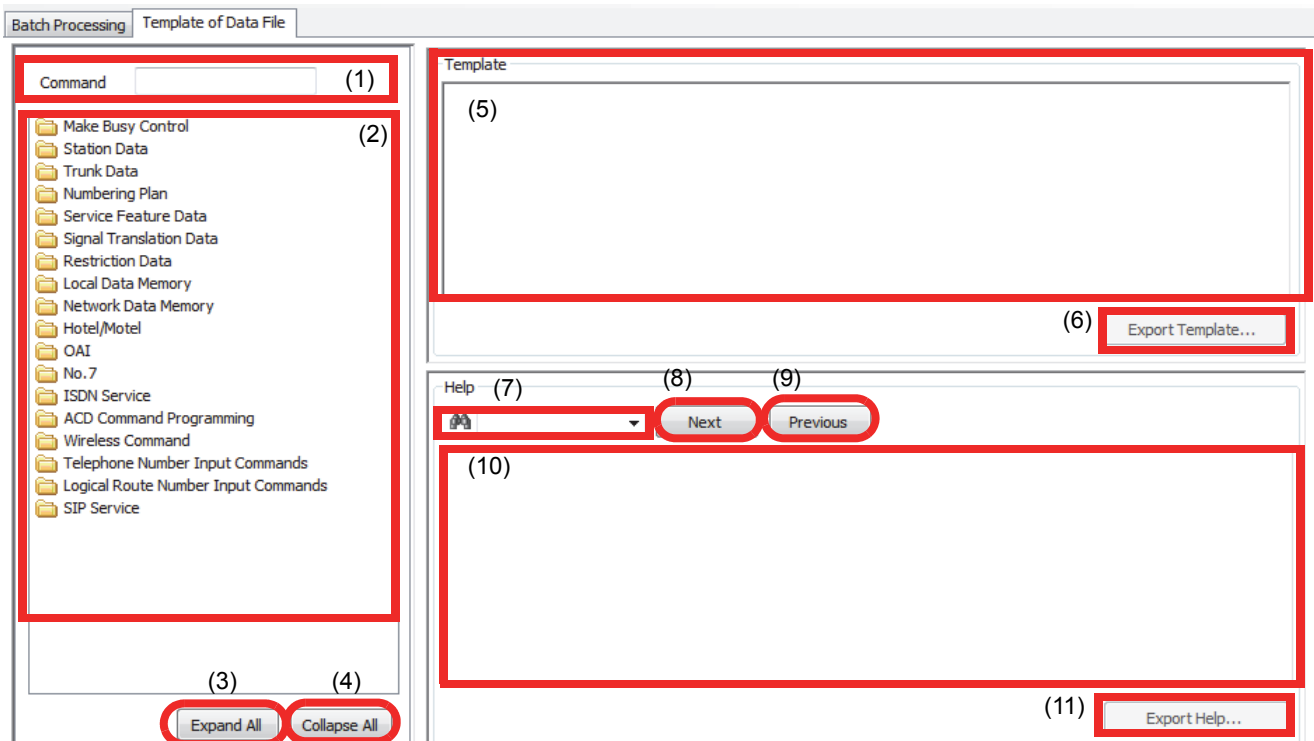
Note 3: Only available when “Apply” is selected for “Processing Mode”.

Note 4: When you execute “Apply”, “Online Check” is performed. If an error is detected during “Online Check”, the application of the file with the error is skipped even if “Apply” is selected.

Note 5: This status may be output when you display old data or new data of other nodes after the data assignment. The data assignment has completed successfully.

- [Template of Data File] Tab

Select this tab to create a template of Data File used for QuickPro.



No.	Item	Description
(1)	[Command] entry field	Enter the command name you wish to display the Data File format. The Data File format of the entered command will be displayed in the [Template] field.
(2)	Command Name Tree Menu	Displays the list of available QuickPro commands. Note 6 The commands will be grouped by functions and listed up in a tree -structure under each function. Double-click or press an Enter key on the command you wish to display the Data File format in the [Template] field.
(3)	[Expand All] button	Click this button to expand all the tree-structure under each group of the command list.
(4)	[Collapse All] button	Click this button to collapse all the tree-structure under each group of the command list.
(5)	[Template] field	Displays the Data File format of the command entered in the [Command] entry field or selected in the [Command Name Tree Menu]. Note 7
(6)	[Export Template...] button	Exports the Data File format shown in the [Template] field to a Template file.
(7)	[Search characters] entry field	Enter characters to search from the [Help] field.

No.	Item	Description
(8)	[Next] button	Searches the characters entered in the [Search characters] entry field from the current position in the [Help] field toward the rearward direction. When no position is pointing in the [Help] field, a search will be performed from the top.
(9)	[Previous] button	Searches the characters entered in the [Search characters] entry field from the current position in the [Help] field toward the forward direction. When no position is pointing in the [Help] field, a search will be performed from the bottom.
(10)	[Help] field	Displays the detailed information on each parameter of the command entered in the [Command] entry field or selected in the [Command Name Tree Menu].
(11)	[Export Help...] button	Exports the detailed information of each parameter of the command shown in the [Help] field.

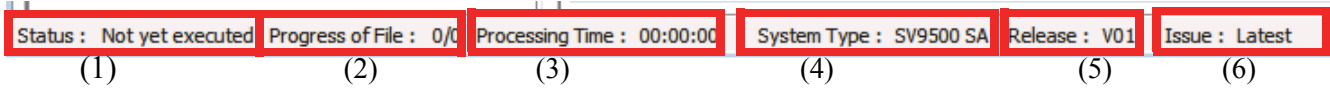
Note 6: Available commands depend on:

- Logged-in system information and login grade when the system is online
- System information set in the system information dialog when the system is offline

Note 7: Data File format displays all the parameters that may be used by the command.

3.1.5 Status Bar

The Status Bar indicates the status of QuickPro and an information logged in to the system.

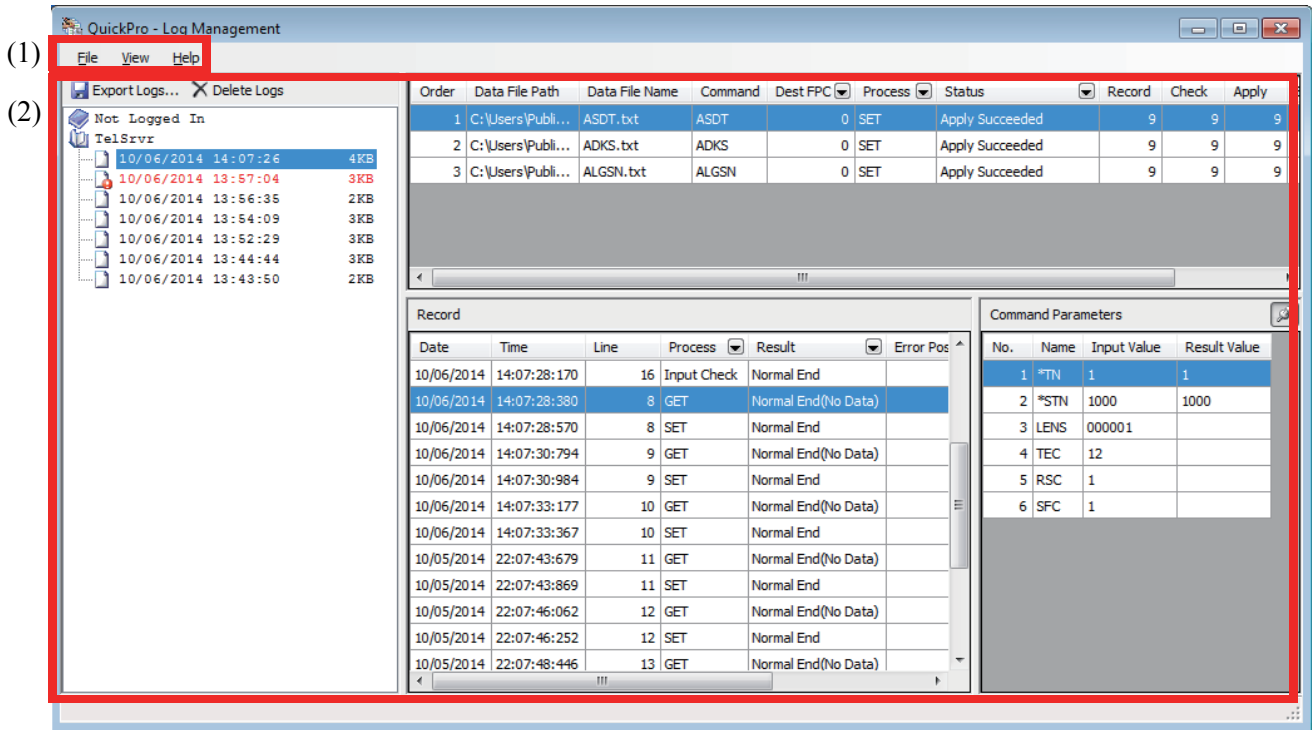


No.	Item	Description
(1)	Status	Displays the status of a Batch Processing from the following: <ul style="list-style-type: none"> • Not yet executed • In Batch Processing... • Pause • Batch Process Succeeded • Batch Process Failed • Batch Process Aborted
(2)	Progress of File	Displays the progress of a Batch Processing by “completed file count/total file count”.
(3)	Processing Time	Displays the processing time of a Batch Processing.
(4)	System Type	Displays the system type of the log-in system. For Offline Mode, “System Type” set in the [System Information] dialog will be displayed.
(5)	Release	Displays the system version of the log-in system. For Offline Mode, “Release” set in the [System Information] dialog will be displayed.
(6)	Issue	Displays the system issue number of the log-in system. Note 1 For Offline Mode, “Issue” set in the [System Information] dialog will be displayed.

Note 1: “Issue” indicates the issue number of the system program for SV9500, SV8500, and issue number of IMAT for NEAX2400 IPX and SV7000. Check the issue number with DISS command.

4. Log Management Window

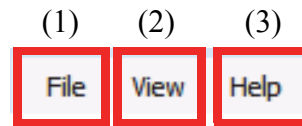
The Log Management window is used to display and control the logs for Batch Processing.



No.	Item	Description	Reference Page
(1)	Main Menu	Displays the menus pertaining to general operations for log management.	page 96
(2)	Log Display Window	Displays the logs of Batch Processing.	page 97

4.1 Main Menu

Main Menu displays the menus pertaining to general operations for log management. The functions listed in the table below are available by clicking each menu.



No.	Menu Category	Menu Name	Description
(1)	File	Export Logs...	Exports the logs shown in the Log Display field in a zip file. Note 1
		Delete Logs	Deletes the log selected in the Log Tree.
		Close	Closes the Log Management window.
(2)	View	Command Parameters	Show/hides the [Command Parameter] field.
		Tool Tip	Enables/disables the Tooltip.
		Refresh	Refreshes the Log Tree, Log Display field and Record field to the latest data.
(3)	Help	Help	Displays the help of QuickPro.

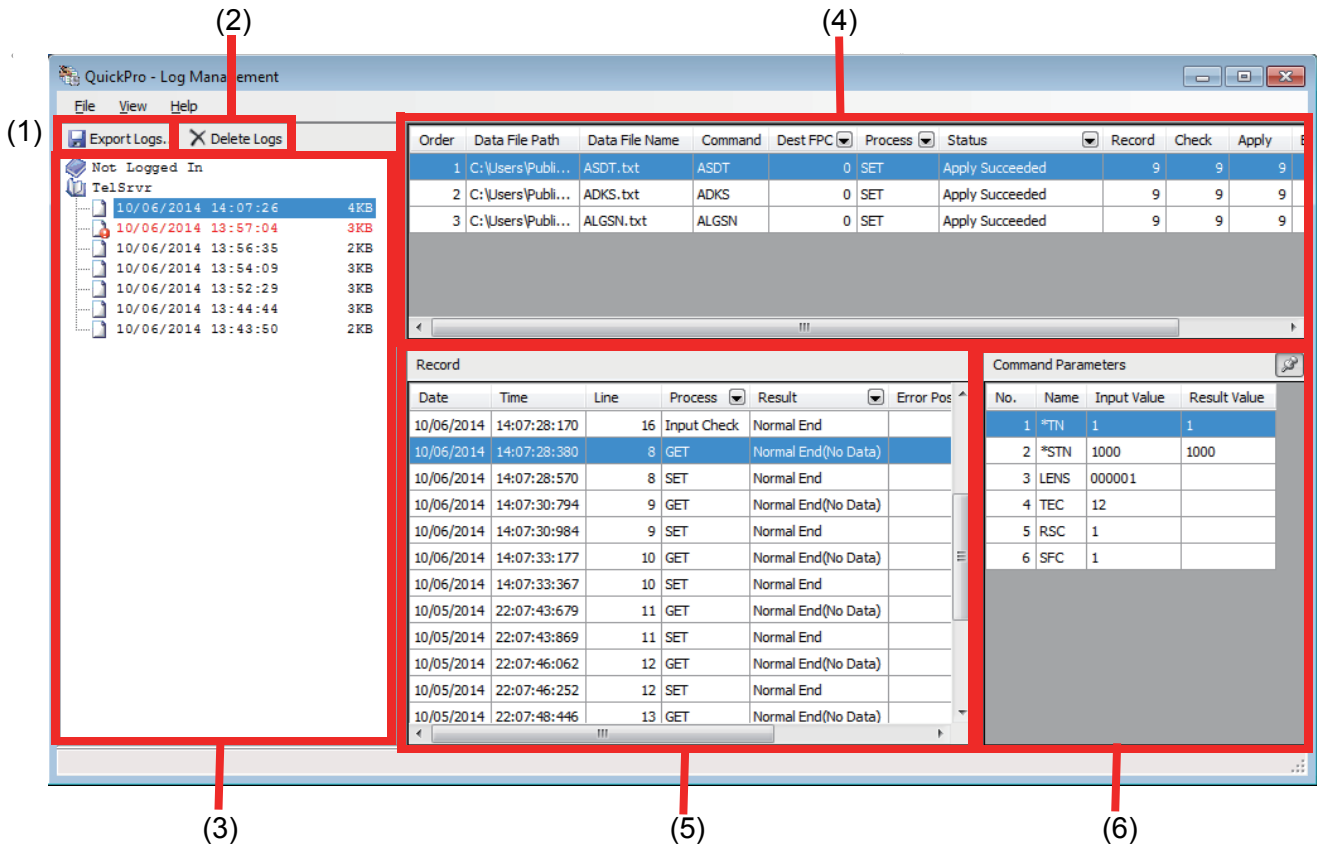
Note 1: The following files are included in the zip file.

- _DataFiles.log
Lists the Processing Mode and contents shown in the Log Display field.
- [Order]_[Command].log
Lists the contents shown in Record field and Command Parameters field.
[Order] and the [Command] in the file name above indicates the data of the “Order” parameter and “Command” parameter shown in the Log Display field.

4.2 Log Display Window

The Log Display window displays the menus pertaining to general operations for log management.

Note: The log information in the Log Display window will not update on a real-time basis. Select [View] - [Refresh] from the main menu of Log Management window to update the log information to the latest data.



No.	Item	Description
(1)	[Export Log...] button	Exports the logs selected in the log display field in a zip file. Note 1
(2)	[Delete Logs] button	Deletes the logs selected in the log tree.
(3)	Log Tree	<p>Displays the log list of Batch Processing. The logs will be grouped by connection accounts and listed up in a tree -structure under each start time of Batch Processing. The colored characters indicate as follows:</p> <ul style="list-style-type: none"> Red: Logs including errors. Dark orange: Logs including warnings and excluding errors.

No.	Item	Description
(4)	Log Display field	Displays the log of each Data File for the Batch Processing selected in the Log Tree. Note 2 The colored characters indicate as follows: <ul style="list-style-type: none"> • Red: Data Files including errors. • Dark orange: Data Files including warnings and excluding errors. • Blue: Data Files aborted without errors or warnings.
(5)	Record field	Displays the log of each record for the Data File selected in the Log Display field. Note 3 The colored characters indicate as follows: <ul style="list-style-type: none"> • Red: Records with errors. • Dark orange: Records with warnings and excluding errors.
(6)	Command Parameters field	Displays the detailed information of the parameters for the record selected in the Record field. Note 5 The colored characters indicate as follows: <ul style="list-style-type: none"> • Red: Parameters with errors.

Note 1: The following files are included in the zip file.

- _DataFile.log
Lists the Processing Mode and contents shown in the Log Display field.
- [Order]_[Command].log
Lists the contents shown in Record field and Command Parameters field.
[Order] and [Command] in the file name above indicates the data of the “Order” parameter and “Command” parameter shown in the Log Display field.

Note 2: The following contents are displayed in the Log Display field.

Item	Description
Order	Displays the processing order of Data Files.
Data File Path	Displays the directory of the Data File in a complete path.
Data File Name	Displays the file name of the Data File.
Command	Displays the command name of the Data File.
Dest FPC	Displays the FPC number of the target node to execute a process.
Process	Displays the process performed toward the system.
Status	Displays the process results. The status listed in the Status column of Data File List in [Batch Processing] Tab will be shown.
Record	Displays the number of records in the specified Data File.
Check	Displays the number of records which an Online Check, Offline Check or SET process has already been done.
Apply	Displays the number of records which Apply process has already been done. Note: Only available when “Apply” is selected for “Processing Mode”.
Error	Displays the number of records which an error is detected in an Online Check, Offline Check or Apply process.

Item	Description
Message	Displays a message concerning the process results of a Data File.

Note 3: The following contents are displayed in Record field.

Item	Description
Date	Displays the date when the process was completed.
Time	Displays the time when the process was completed.
Line	Displays the line number of the record within the Data File.
Process	Displays the process performed for the record from the following: <ul style="list-style-type: none"> • Input Check • GET Note 4 • SET • DEL
Result	Displays the process result for each record from the following: <ul style="list-style-type: none"> • Normal End • Normal End (No Data) • Input Error • Command Error • Condition Error • Cancel • Other Error
Error Position	Displays the index of the parameter with an input value error. "Input Error" is indicated for "Result" when an input value error is detected in the record.
Message Kind	Displays the type of a message indicated in the "Message" column from the following: <ul style="list-style-type: none"> • Information • Warning • Error
Message	Displays a message concerning the process results of a Data File.

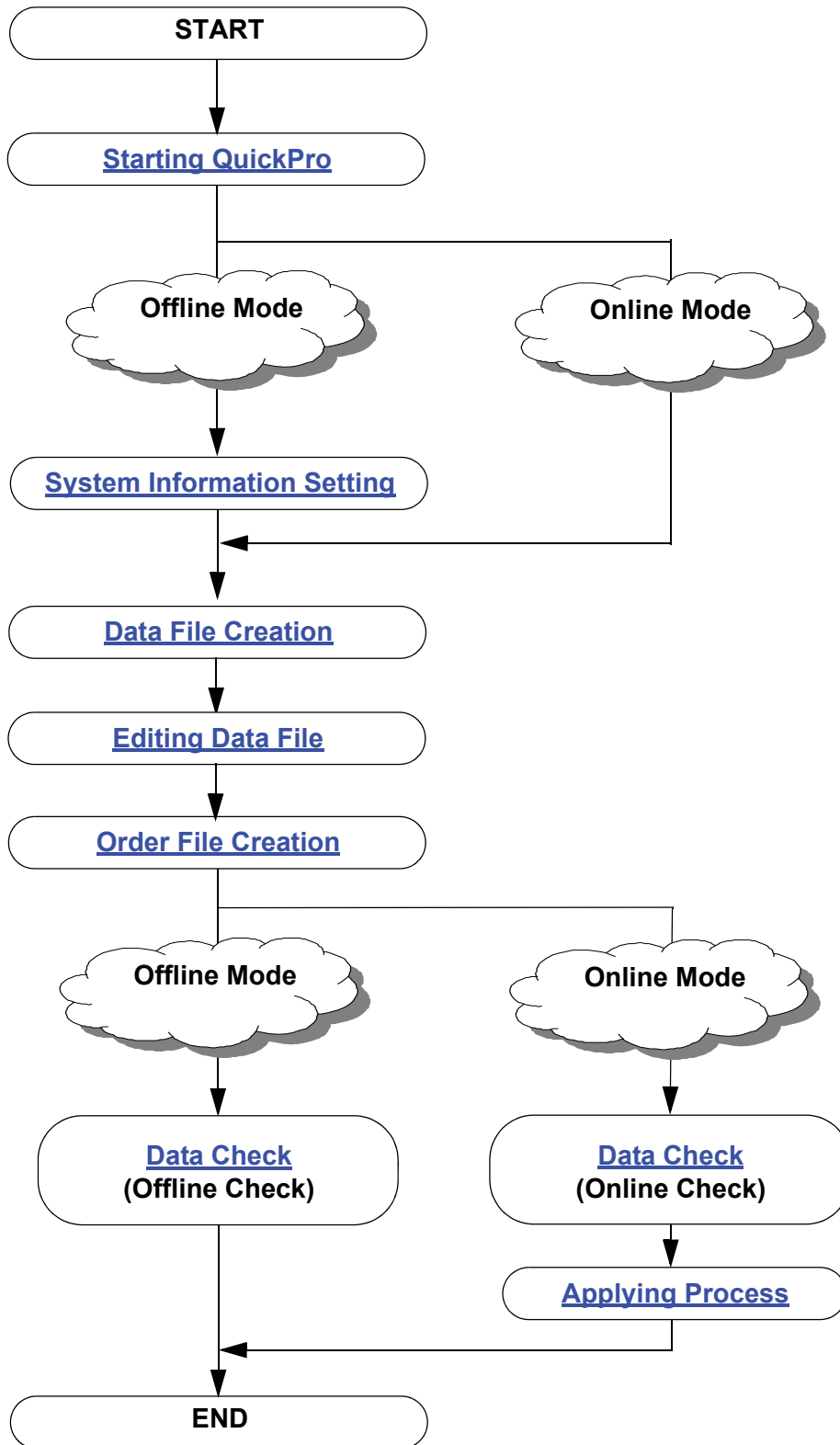
Note 4: GET process reads out the data which is already registered to the system. This process is executed just before SET or DEL process is performed. With the log of GET process, you can confirm the status of the system just before SET or DEL process is executed.

Note 5: The following contents are displayed in Command Parameters field.

Item	Description
No.	Displays the index of the parameter.
Name	Displays the parameter name.
Input Value	Displays the input value of the Data File.
Result Value	Displays the value of each parameter actually sent to/received from the system.

5. Procedures to Create/Register Data

This section explains the procedures to create data for QuickPro and to register data to the system.




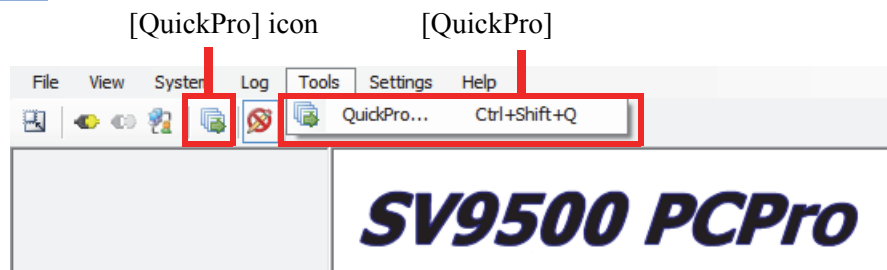
5.1 Starting QuickPro

This section explains how to start QuickPro:

STEP 1: Start PCPro.

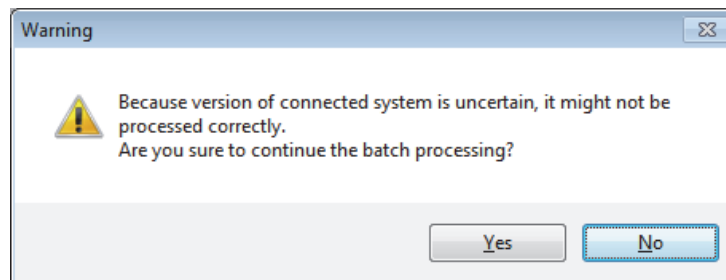
STEP 2: Choose either one of the following procedures to start QuickPro.

- On the Tools menu, click the [QuickPro].
- Click  [QuickPro] icon on the Toolbar.

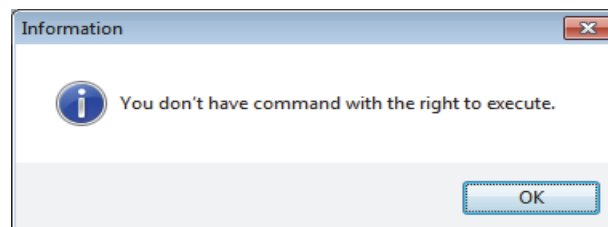


Note: If you start QuickPro connected to the system that QuickPro does not support, an error message will appear, and QuickPro will exit.

Note: If the version of PCPro is older than the version of the connected system, the message below will be displayed to warn you that some processes supported by the newer version of the connected system might not be performed.



Note: The message below will be displayed when there is no command available for the current user to operate QuickPro due to the login grade setting. In such cases, tabs will be disabled, and [Exit], [Log Management...], [Change System Information...](for Offline Mode) and [Help] will only be available from the main menu.



5.2 System Information Setting

This section explains how to set the system information.

Note: The system information setting is required only when QuickPro is operating on an Offline Mode.

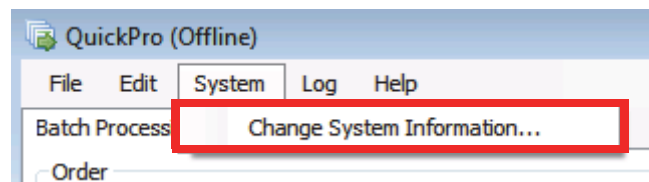
STEP 1: Open the [System Information] dialog.

<When QuickPro is not activated>

Start QuickPro on an Offline Mode.

<When QuickPro is already activated>

Click the [Change System Information] on the system menu.



STEP 2: Enter the system information.

Note: For further information on system information setting, see [System Information Dialog](#).

STEP 3: Click [OK] button.

System information setting have been completed.

5.3 Data File Creation

This section explains how to create a Data File used on QuickPro.

Data Files can be created by exporting files with either of the following methods:

- Exporting Template
- Exporting the Listup Report

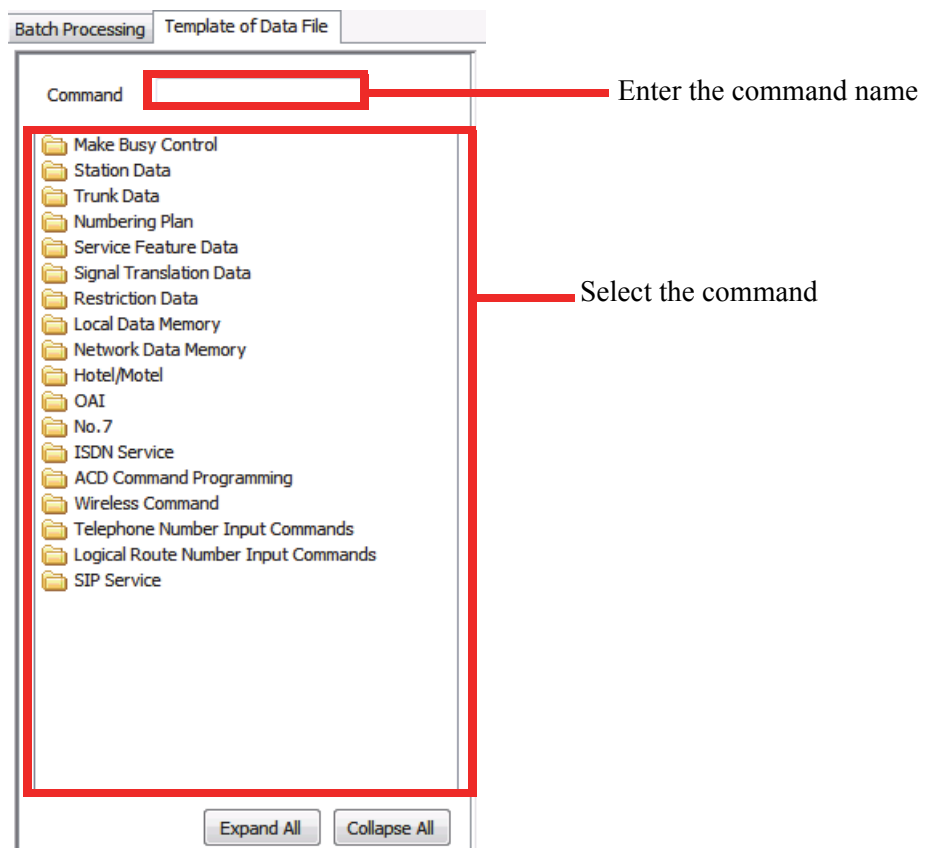
5.3.1 Exporting Template

Follow the steps below to export the template of Data File:

The following procedure takes the ASDT command as an example to export the template of Data File.

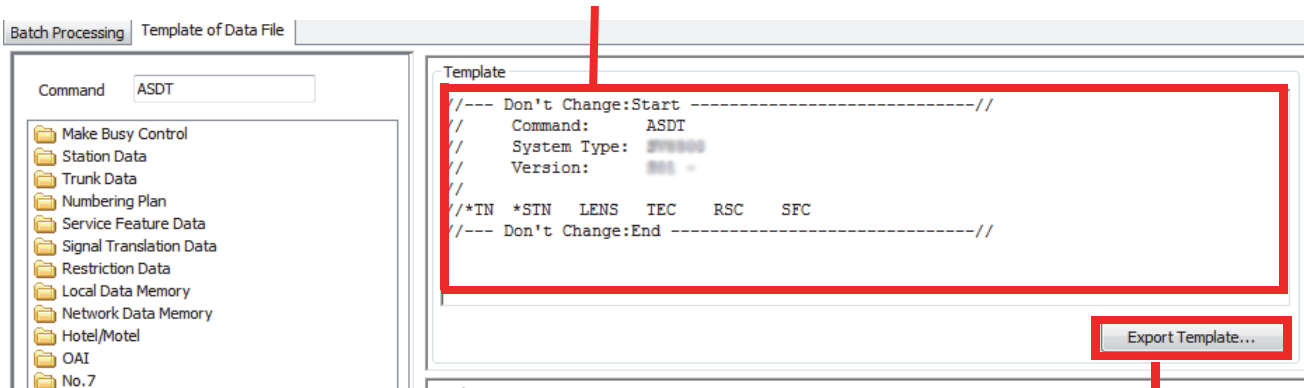
Note: Be sure to use the template exported by QuickPro to create a Data File. The parameters and input values for each command vary according to the software version of the system.

- STEP 1: Select the [Template of Data File] tab in QuickPro main window.
Enter the command name you wish to create data for in the [Command] entry field or select the command from the Command Name Tree Menu.



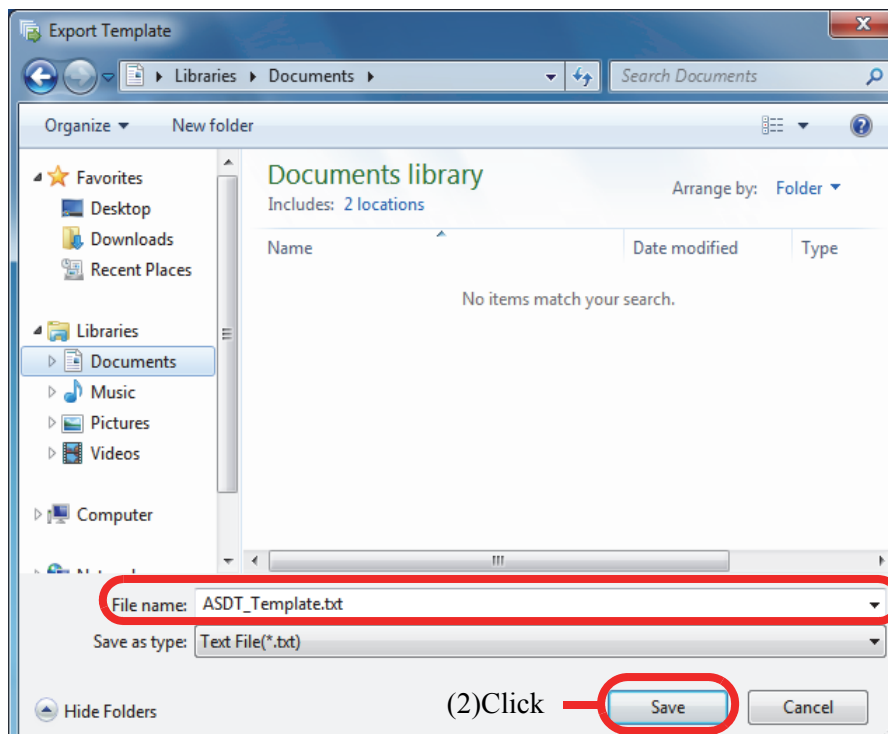
STEP 2: Confirm that the Data File format of the specified command is displayed in the [Template] field and click the [Export Template...] button.

(1) format is displayed



(2) Click

STEP 3: In the [Export Template] dialog, enter the Data File name in the [File name:] field and click the [Save] button.



(1) Enter file name

(2) Click

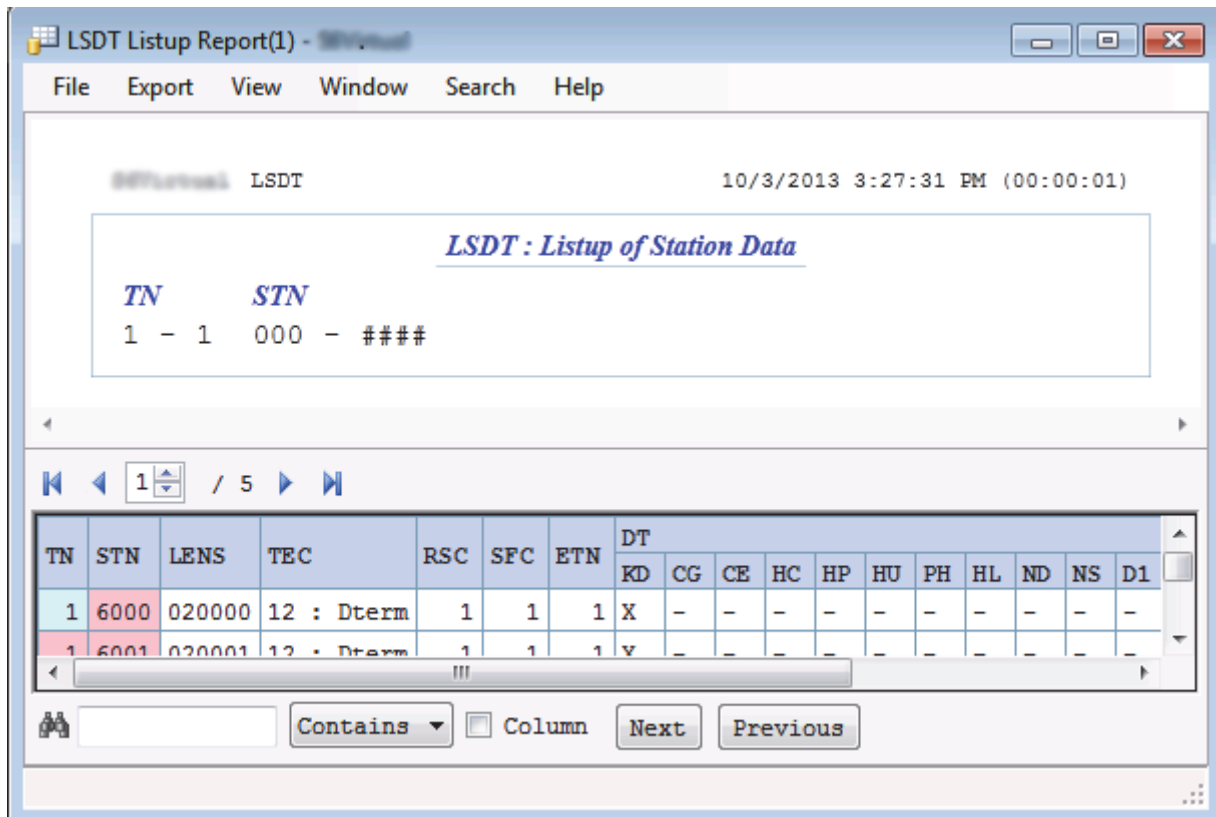
Exporting the template of Data File has now been completed.

5.3.2 Exporting the Listup Report

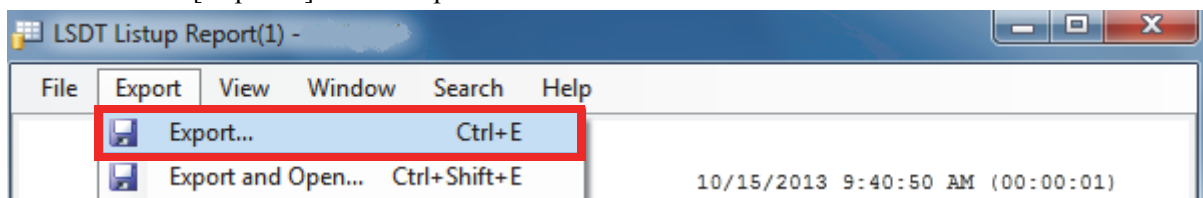
This section explains how to export a Listup Report to the Data File of QuickPro. The following procedure shows an example when exporting the Data File for AISA command:

Note: Data Files for QuickPro cannot be exported from Listup Commands indicated with [Listup Report for Other Icon Command](#) format.

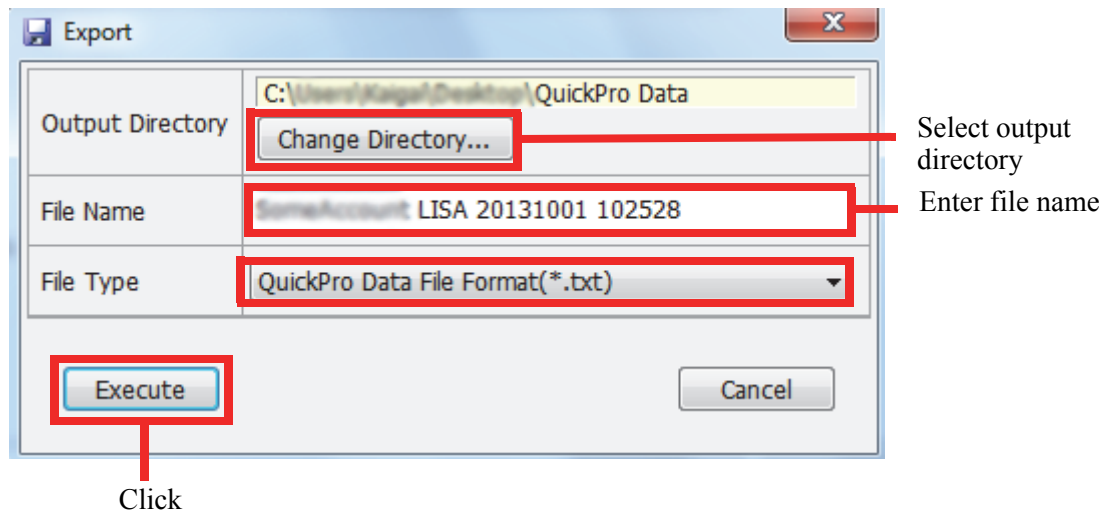
STEP 1: Display [Listup Report for Telephone Icon Command](#) from the Listup Command of PCPro.



STEP 2: Click the [Export...] on the Export menu.



STEP 3: Select the output directory in the [Output Directory], enter the file name in the [File Name], choose the file type from the [File Type] list and click the [Execute] button.



Note: Choose the [QuickPro Data File Format (*.txt)] for the [File Type].

The Listup Report is exported as a Data File for QuickPro.

5.4 Editing Data File

This section explains the procedure to edit the Data File.

Note: Data File samples can be obtained from Help of PCPro.

5.4.1 Conditions for Data File

1. Use tab separated values (TSV) text files (*.txt) and UTF-16 encoding for Data Files.
2. The Data File contains “Header” section and “Data” section. “Header” section is listed with a command name, system information supported by the Data File and parameter names. “Data” section is listed with records of data in the order to execute a Batch Processing. **Note 1**

//--- Don't Change:Start -----//					
//	Command:	ASDT			
//	System Ty:	SV9500 SA			
//	Version:	V01 -			
//					
//*TN	*STN	LENS	TEC	RSC	SFC
//--- Don't Change:End -----//					
	1000	000001	12	1	1
	1001	000002	12	1	1
	1002	000003	12	1	1
//1	1003	000004	12	1	1
	1004	000005	12	1	1
	1005	000006	12	1	1
	1006	000007	12	1	1

Header Section

Data Section

Note 1: Be sure not to modify the contents in “Header” section. A proper operation of QuickPro is not guaranteed if the Data File contains any invalid data.

3. Number of lines used for each record in “Data” section varies according to each command. The “Data” section may consists of one or more lines for each record.

<Example: Command using one line for each record>

//*TN	*STN	LENS	TEC	RSC	SFC
//--- Don't Change:End -----//					
1	1000	000001	12	1	1
1	1001	000002	12	1	1
1	1002	000003	12	1	1
//1	1003	000004	12	1	1
1	1004	000005	12	1	1
1	1005	000006	12	1	1
1	1006	000007	12	1	1

One Record

4. Enter the data for each record conforming the format of parameters listed in “Header” section.

Note: When the command consists of multiple lines for each record, be sure to enter each record with the same number of lines even if any empty lines are included in the record (The comment line within each record will not be included in the total number of lines).

// Don't Change Start //												
// Command: AKYD												
// System Type:												
// Version:												
*KTN	*STN	PRJ	PL TN	PL STN	S	MMD	LN PRE	SPK	ANS	ORG	TP	
1	2000	0	1	2000	0	0	0	0	0	0	0	
1	2001	2	1	2001	0	0	0	0	0	1	22	
1										1	2	
1										1	3	
1										1	10	
1										1	13	
1										1	7	
1										1	125	
1										1	14	
2									0	1	2000	0
1										1	49	
1										1	49	
1										1	49	
1										1	49	
1										1	49	
1										1	49	
1										1	15	
1										1	22	
1										1	2	
1	2001	2	1	2001	0	0	0	0	0	1	22	
1										1	2	

Number of lines of A and B are same.

- 5. You may not insert an empty line between records in “Data” section.
- 6. Be sure to enter the value for parameters prefixed with “*” exclusive of when the entry is not required due to the value of other parameters or the status of the system.

7. The data entered for parameters which an entry is not required will be ignored and will not cause any error.
8. Up to 150,000 records can be entered in each Data File regardless of the total number of lines for each record.

Note: When more than 150,000 records were exported from Listup Report, divide the Data File into multiple files so that record count does not exceed 150,000.

9. Add “//” at the top of the line to make it a comment line.

//--- Don't Change:Start -----//					
//	Command:	ASDT			
//	System Ty	SV9500 SA			
//	Version:	V01 -			
//					
//*TN	*STN	LENS	TEC	RSC	SFC
//--- Don't Change:End -----//					
1	1000	000001	12	1	1
1	1001	000002	12	1	1
1	1002	000003	12	1	1
//1	1003	000004	12	1	1
1	1004	000005	12	1	1
1	1005	000006	12	1	1
1	1006	000007	12	1	1

— Comment Line

Note: Do not add any comment line in “Header” section.

10. Take notice on the following when creating a Data File exported from Listup Report.
 - a. Parameters which are not indicated in the Listup Report will be exported in a Data File as an empty data even if an input is required for a data assignment. Enter the values for parameters with empty data if an input is required for QuickPro by procedures in [Editing Data File](#).
 - b. Parameters which can only be read when assigning the data will be ignored in QuickPro due to the service condition (7.), although exported to a Data File.

- c. Parameters that are used only in Listup Report and are not shown on data entry screens will not be exported to a Data File.

Example: Assignment of Individual Speed Calling Entry Area (AISA, LISA)

The screenshot shows the 'AISA - Singleback' window with the title 'Assignment of Individual Speed Calling Entry Area'. The 'TN' field contains '1' and the 'STN' field contains '2020'. Under 'MST/SLV', '1 : MST (Master Station)' is selected. The 'BLOCK' field contains '1' and the 'ATT' dropdown menu is set to '2 : NATT', which is circled in red and labeled 'Read Only'. The background shows a data table with columns: TN, STN, MST/SLV, BLOCK, ATT, MG, START, BLOCK. The table contains four rows of data. Red boxes labeled (b) and (c) highlight the 'ATT' and 'MG' columns respectively. A red arrow points from the 'ATT' field in the foreground to the 'ATT' column in the table and to a data file snippet below.

```
//
// *TN *STN MST/SLV BLOCK MST STN ATT
// --- Don't Change:End --- //
1 1000 1 1 1 3
1 1001 2 1 1 3
1 1002 2 1 1 3
```

(a) (b)

d. In the case of following commands, the ETN parameter which is used only in Listup Report are not output to the data file in QuickPro Data File Format:

- ASDT (Listup command: LSDT)
- AISTL (Listup command: LISTL)

When using data file in QuickPro Data File Format exported by Listup Report, assign the data to the Telephony Server after changing the TN value to the value same as the ETN value which is actually assigned to the Telephony Server.

Example: Case of ASDT command

ASDT (Listup Report)

TN	STN	LENS	TEC	RSC	SFC	ETN	DTF												
							KD	CG	CE	HC	HP	HU	PH	HL	ND	NS	D1	D2	
1	10000	070001	12 : Dterm	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
1	10001	070002	12 : Dterm	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
1	10002	070003	12 : Dterm	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-

ASDT (QuickPro Data File Format)

8	//	TN :	1 - 2																	
9	//	STN :	10000 - 10002																	
10	//-----//																			
11	//--- Don't Change:Start -----//																			
12	//	Command:	ASDT																	
13	//	System Ty	SV9500 SA																	
14	//	Version:	-																	
15	//																			
16	//*	TN	*STN	LENS	TEC		RSC	SFC												
17	//--- Don't Change:End -----//																			
18	1		10000	070001	12		1	1												
19	1		10001	070002	12		1	1												
20	1		10002	070003	12		1	1												

5.4.2 Conditions Specific to Commands

Command	Condition
ACPE ACPG ASHC ASHP ASHU	You need to enter the same value as the corresponding group station to “STN” and “STN [1]” in a QuickPro Data File. This restriction is only applied when you write the data. For deletion of the data, specify one of the stations in “Station List in Group” to “STN”.

Command	Condition
ACELN ACPGL/N ASHCL/N ASHPL/N ASHSL/N ASHTL/N ASHUL/N ASHUEN	You need to enter the same value as the corresponding group station to “TELN” and “TELN [1]” in a QuickPro Data File. This restriction is only applied when you write the data. For deletion of the data, specify one of the stations in “Station List in Group” to “TELN”.
ACPEN ACPGN ASHCN ASHPN ASHSN ASHTN ASHUN	QuickPro automatically sorts the data by FPC group at the time of registration. Thereby, the sequence of stations written on the Data File and that of stations actually assigned may be different.
ALRTN	When LOCATION DIVERSITY [L-55] is in service, set locations by assigning data to FPC and RT in the lines with corresponding number. When LOCATION DIVERSITY [L-55] is not in service, assign data to FPC and RT in the line with “1”. (Example) When you assign data for the primary location, enter the data to FPC and RT in the line with “1”.
	When you assign an additional location, the Data File is created including existing data.
	When you delete the data of multiple locations, all the data is deleted at once. If you need to delete specific data, you need to delete the whole existing data first and then reassign it.
ASHP ASHU	You can overwrite data on QuickPro. However, if the value of Pilot station/UCD pilot station data and “STN [1]” data are different, you cannot overwrite it.
ASHPL ASHPN ASHUL ASHUN	You can overwrite data on QuickPro. However, if the value of Pilot station/UCD pilot station data and “TELN [1]” data are different, you cannot overwrite it.
ASHUEN	When “Multi Group Station - UCD” under “Kind of Group” is selected, QuickPro automatically sort the data by FPC group at the time of registration. Thereby, the sequence of stations written on the Data File and that of stations actually assigned may be different.
	You can overwrite data on QuickPro. However, you cannot overwrite the data if; <ul style="list-style-type: none"> - the value of the UCD pilot station data and the “TELN [1]” data are different, or - the “Kind of Group” different from the one already assigned is selected.
	The data of the node where the UCD pilot station is registered is used for Group Number Expansion for Multi Boss Secretary Group (ASYDL, SYS1, INDEX1140, Bit2).

Command	Condition
ACDWS	QuickPro automatically sorts the data by the WEEK, HOUR, and MINUTE keys. Thereby, the sequence of items written on the Data File and that of items actually assigned may be different.
	The values of CCVNO and CCVSTP for the first item of the list (“MON 00:01”) are automatically created if they do not exist, or overwritten if they do. These values are taken from the CCVNO and CCVSTP parameters for the last scheduled item (item at the bottom of the list).
ALIDL	When setting the data of MPH, enter the data of PHD of PH Kind to the line with “1”. Also, enter the data of PHI of PH Kind to the line with “2”. (Example) For setting the data of PHD, enter the data to “Use this PH [1]”, MPH LENS[1]“, “REGMAX[1]”, “MGC PORT[1] and “TERM PORT[1]”.
AMGIL	<ul style="list-style-type: none"> • The data of “LINE” and “CH” corresponds with Index Number of “MG-LENS List”. When specifying “LENS”, use that Index Number. • For “KIND” with a trunk check, you can set a value only for “TK LENS”. You cannot set a value for LENS[i] corresponds with Row Index Number[i] of MG-LENS List. Specify a value for [i] uses this LENS. • “KIND” without trunk check corresponds with Row Index Number[i] of MG-LENS List. Specify a value for [i] uses this LENS and LENS[i].
AMGVL AMGVN	When setting the data for “Setting of Detail (KIND, SEND and RECV)” on PAD Information, use Index Number corresponds with the value set for “No” on PAD Information.
ASPTL ASPTN	QuickPro cannot delete only the terminal data. If you wish to delete only the terminal data, delete the data with the ASPTL/ASPTN command, and then re-assign the deleted data (UGN/TELN) with the ALGSL/ALGSN command.
APHN APHNL APHNN	On QuickPro, only MODE = 1 (REAL STN) is available; MODE = 2 (PH STN) is not available.
AMACN	<ul style="list-style-type: none"> • Overwriting of the existing data is not possible on QuickPro. If you want to change the data for this command with QuickPro, delete the data and replace it with the updated data. • Only one MAC address can be specified per record. • When writing new data, fill in the “MAC ADDRESS” field of the first record. • Deleting a TELN will delete all data associated with the TELN.
APBKN	<ul style="list-style-type: none"> • For PCPro, you can SET and DEL operations the data by specifying “Search” from APBKN command. However, these operations are not supported for QuickPro.

Command	Condition
AUPDN	<ul style="list-style-type: none"> • When you delete the data, all the data related to the following is deleted at once. <ul style="list-style-type: none"> - Primary Station - Secondary Station - Tertiary Station - Name Display - Master Extension - Key Data Information - UGN/TELN - Physical Number • If you want to delete an individual item of data for Secondary Station/Tertiary Station/Name Display/Master Extension separately, assign the data "OFF (0)" and press "SET". • When you add the data of Secondary Station/Tertiary Station/Name Display/Master Extension to the data already registered, the parameter which cannot be overwritten must correspond to the registered data and the data of record. • For key template data setting, assign the "Key Template Name" already registered by AKTDN command.
AUPKDN	<ul style="list-style-type: none"> • For key template data setting, assign the "Key Template Name" already registered by AKTDN command.
AKTDN	<ul style="list-style-type: none"> • You cannot create a new key template data by using "Designate As Source" for QuickPro. This setting is supported for PCPro only. To create a new key template data from the copy data, copy and paste the original template data to another line, and change the key template data name.
ASYD ASYDL ASYDN	<ul style="list-style-type: none"> • Unlike in PCPro, navigation buttons (NEXT GET and PREV GET buttons) for moving through the INDEX pages are not available in QuickPro. • As is the case with PCPro, if you attempt to make any changes to the data of an Index that is being used by another command, you will receive an error. When you assign a data to the INDEX which is operated by the other commands, the error occurs (same as PCPro).
APCNL APCNN	<ul style="list-style-type: none"> • On QuickPro, only PHS Community Number Entry (FUNC=1) is available; SYS-ID Copy (FUNC=2) is not available
ATSRL ATSRN	<ul style="list-style-type: none"> • When there is any failure of the assignment, only a message of the failed service number is displayed because the RESULT and DETAIL parameters are not used in QuickPro. • When changing STATUS data of a service number, to input STATUS data in the other service number to the data file in advance is also required.
AFCMN	<ul style="list-style-type: none"> • On QuickPro, Function = 3 (DtermIP MAC Address Registration Password (NDM)) is not available.
ASDC ASDCL ASDCN	<ul style="list-style-type: none"> • On QuickPro, OFLG = 1 (All office code can be assigned) and READ EFFECT are not supported.

Command	Condition																																							
ATCP	<ul style="list-style-type: none"> • In the case of SET process, set nonzero value in the TDPTN[X] one or more. [For Example] <table style="margin-left: 40px; border: none;"> <tr> <td>FROM[1] = 00:00</td> <td>TO[1] = 00:00</td> <td>TDPTN[1] = 1</td> </tr> <tr> <td>FROM[2] = (Not used)</td> <td>TO[2] = (Not used)</td> <td>TDPTN[2] = (Not used)</td> </tr> <tr> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> </tr> <tr> <td>FROM[7] = (Not used)</td> <td>TO[7] = (Not used)</td> <td>TDPTN[7] = (Not used)</td> </tr> <tr> <td>FROM[8] = (Not used)</td> <td>TO[8] = (Not used)</td> <td>TDPTN[8] = (Not used)</td> </tr> </table> • In the case of assign multiple rows value in FROM[X]/TO[X]/TDPTN[X], assign 00:00 at the first FROM. At the last TO, assign 00:00. At the FROM[X] after FROM[1], assign the same value as the previous TO[X]. [For Example] <table style="margin-left: 40px; border: none;"> <tr> <td>FROM[1] = 00:00</td> <td>TO[1] = 01:00</td> <td>TDPTN[1] = 1</td> </tr> <tr> <td>FROM[2] = 01:00</td> <td>TO[2] = 02:00</td> <td>TDPTN[2] = 2</td> </tr> <tr> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> </tr> <tr> <td>FROM[7] = 06:00</td> <td>TO[7] = 07:00</td> <td>TDPTN[7] = 7</td> </tr> <tr> <td>FROM[8] = 07:00</td> <td>TO[8] = 00:00</td> <td>TDPTN[8] = 0</td> </tr> </table> • In the case of DEL process, FROM[X]/TO[X]/TDPTN[X] is not used. [For Example] <table style="margin-left: 40px; border: none;"> <tr> <td>FROM[1] = (Not used)</td> <td>TO[1] = (Not used)</td> <td>TDPTN[1] = (Not used)</td> </tr> <tr> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> </tr> <tr> <td>FROM[8] = (Not used)</td> <td>TO[8] = (Not used)</td> <td>TDPTN[8] = (Not used)</td> </tr> </table> 	FROM[1] = 00:00	TO[1] = 00:00	TDPTN[1] = 1	FROM[2] = (Not used)	TO[2] = (Not used)	TDPTN[2] = (Not used)	⋮	⋮	⋮	FROM[7] = (Not used)	TO[7] = (Not used)	TDPTN[7] = (Not used)	FROM[8] = (Not used)	TO[8] = (Not used)	TDPTN[8] = (Not used)	FROM[1] = 00:00	TO[1] = 01:00	TDPTN[1] = 1	FROM[2] = 01:00	TO[2] = 02:00	TDPTN[2] = 2	⋮	⋮	⋮	FROM[7] = 06:00	TO[7] = 07:00	TDPTN[7] = 7	FROM[8] = 07:00	TO[8] = 00:00	TDPTN[8] = 0	FROM[1] = (Not used)	TO[1] = (Not used)	TDPTN[1] = (Not used)	⋮	⋮	⋮	FROM[8] = (Not used)	TO[8] = (Not used)	TDPTN[8] = (Not used)
FROM[1] = 00:00	TO[1] = 00:00	TDPTN[1] = 1																																						
FROM[2] = (Not used)	TO[2] = (Not used)	TDPTN[2] = (Not used)																																						
⋮	⋮	⋮																																						
FROM[7] = (Not used)	TO[7] = (Not used)	TDPTN[7] = (Not used)																																						
FROM[8] = (Not used)	TO[8] = (Not used)	TDPTN[8] = (Not used)																																						
FROM[1] = 00:00	TO[1] = 01:00	TDPTN[1] = 1																																						
FROM[2] = 01:00	TO[2] = 02:00	TDPTN[2] = 2																																						
⋮	⋮	⋮																																						
FROM[7] = 06:00	TO[7] = 07:00	TDPTN[7] = 7																																						
FROM[8] = 07:00	TO[8] = 00:00	TDPTN[8] = 0																																						
FROM[1] = (Not used)	TO[1] = (Not used)	TDPTN[1] = (Not used)																																						
⋮	⋮	⋮																																						
FROM[8] = (Not used)	TO[8] = (Not used)	TDPTN[8] = (Not used)																																						
ATCPL ATCPN	<ul style="list-style-type: none"> • In the case of SET process, set nonzero value in the TDPTN[X] one or more. [For Example] <table style="margin-left: 40px; border: none;"> <tr> <td>FROM[1] = 00:00</td> <td>TO[1] = 00:00</td> <td>TDPTN[1] = 1</td> </tr> <tr> <td>FROM[2] = (Not used)</td> <td>TO[2] = (Not used)</td> <td>TDPTN[2] = (Not used)</td> </tr> <tr> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> </tr> <tr> <td>FROM[15] = (Not used)</td> <td>TO[15] = (Not used)</td> <td>TDPTN[15] = (Not used)</td> </tr> <tr> <td>FROM[16] = (Not used)</td> <td>TO[16] = (Not used)</td> <td>TDPTN[16] = (Not used)</td> </tr> </table> • In the case of assign multiple rows value in FROM[X]/TO[X]/TDPTN[X], assign 00:00 at the first FROM. At the last TO, assign 00:00. At the FROM[X] after FROM[1], assign the same value as the previous TO[X]. [For Example] <table style="margin-left: 40px; border: none;"> <tr> <td>FROM[1] = 00:00</td> <td>TO[1] = 01:00</td> <td>TDPTN[1] = 1</td> </tr> <tr> <td>FROM[2] = 01:00</td> <td>TO[2] = 02:00</td> <td>TDPTN[2] = 2</td> </tr> <tr> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> </tr> <tr> <td>FROM[15] = 15:00</td> <td>TO[15] = 16:00</td> <td>TDPTN[15] = 7</td> </tr> <tr> <td>FROM[16] = 16:00</td> <td>TO[16] = 00:00</td> <td>TDPTN[16] = 0</td> </tr> </table> • In the case of DEL process, FROM[X]/TO[X]/TDPTN[X] is not used. [For Example] <table style="margin-left: 40px; border: none;"> <tr> <td>FROM[1] = (Not used)</td> <td>TO[1] = (Not used)</td> <td>TDPTN[1] = (Not used)</td> </tr> <tr> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> <td style="text-align: center;">⋮</td> </tr> <tr> <td>FROM[16] = (Not used)</td> <td>TO[16] = (Not used)</td> <td>TDPTN[16] = (Not used)</td> </tr> </table> 	FROM[1] = 00:00	TO[1] = 00:00	TDPTN[1] = 1	FROM[2] = (Not used)	TO[2] = (Not used)	TDPTN[2] = (Not used)	⋮	⋮	⋮	FROM[15] = (Not used)	TO[15] = (Not used)	TDPTN[15] = (Not used)	FROM[16] = (Not used)	TO[16] = (Not used)	TDPTN[16] = (Not used)	FROM[1] = 00:00	TO[1] = 01:00	TDPTN[1] = 1	FROM[2] = 01:00	TO[2] = 02:00	TDPTN[2] = 2	⋮	⋮	⋮	FROM[15] = 15:00	TO[15] = 16:00	TDPTN[15] = 7	FROM[16] = 16:00	TO[16] = 00:00	TDPTN[16] = 0	FROM[1] = (Not used)	TO[1] = (Not used)	TDPTN[1] = (Not used)	⋮	⋮	⋮	FROM[16] = (Not used)	TO[16] = (Not used)	TDPTN[16] = (Not used)
FROM[1] = 00:00	TO[1] = 00:00	TDPTN[1] = 1																																						
FROM[2] = (Not used)	TO[2] = (Not used)	TDPTN[2] = (Not used)																																						
⋮	⋮	⋮																																						
FROM[15] = (Not used)	TO[15] = (Not used)	TDPTN[15] = (Not used)																																						
FROM[16] = (Not used)	TO[16] = (Not used)	TDPTN[16] = (Not used)																																						
FROM[1] = 00:00	TO[1] = 01:00	TDPTN[1] = 1																																						
FROM[2] = 01:00	TO[2] = 02:00	TDPTN[2] = 2																																						
⋮	⋮	⋮																																						
FROM[15] = 15:00	TO[15] = 16:00	TDPTN[15] = 7																																						
FROM[16] = 16:00	TO[16] = 00:00	TDPTN[16] = 0																																						
FROM[1] = (Not used)	TO[1] = (Not used)	TDPTN[1] = (Not used)																																						
⋮	⋮	⋮																																						
FROM[16] = (Not used)	TO[16] = (Not used)	TDPTN[16] = (Not used)																																						

Command	Condition
AARP AARPL AARPN	<ul style="list-style-type: none">• When DC = 000000, you cannot perform the DEL process on QuickPro.

5.4.3 Editing Data File with Excel

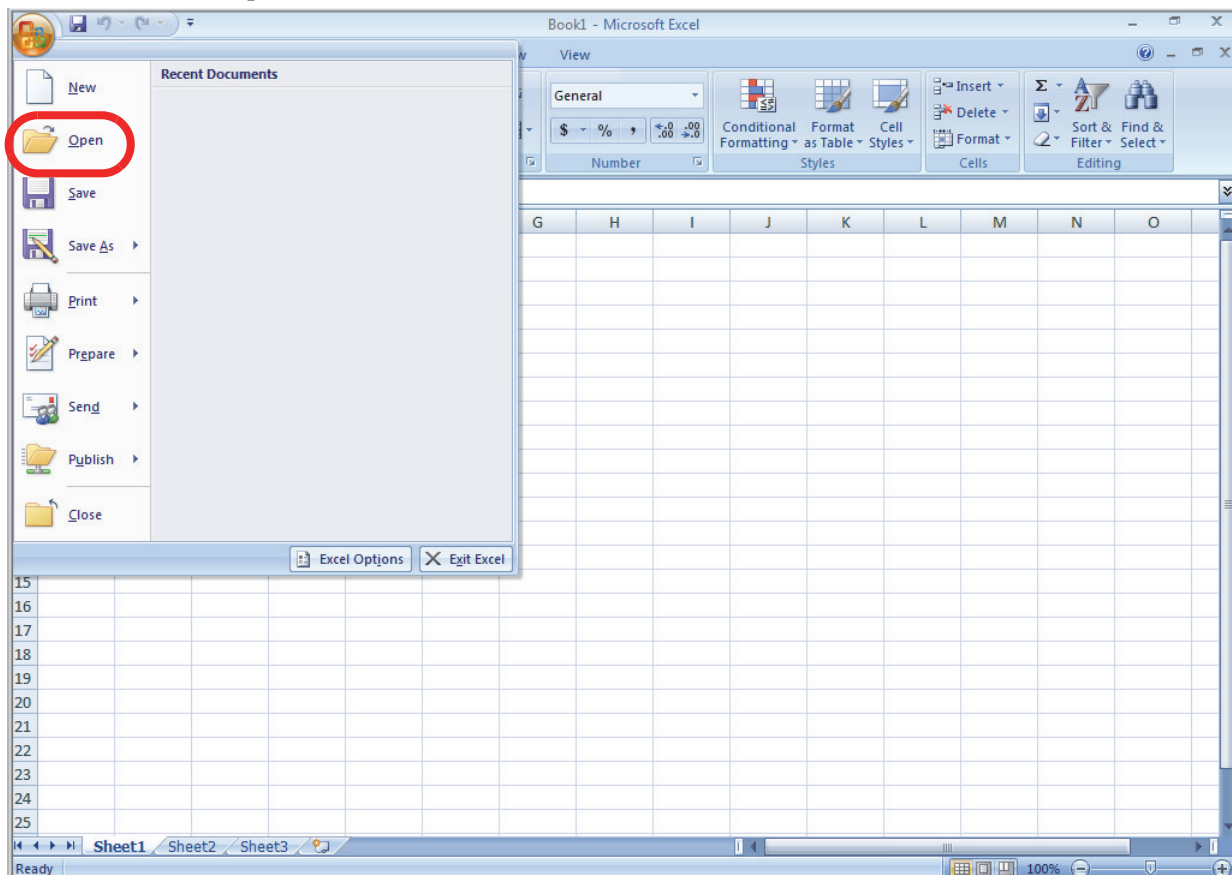
This section explains the procedure to edit the Data File with Excel.

Note: The Data File may not be created properly if the procedures are not performed as provided in this section.

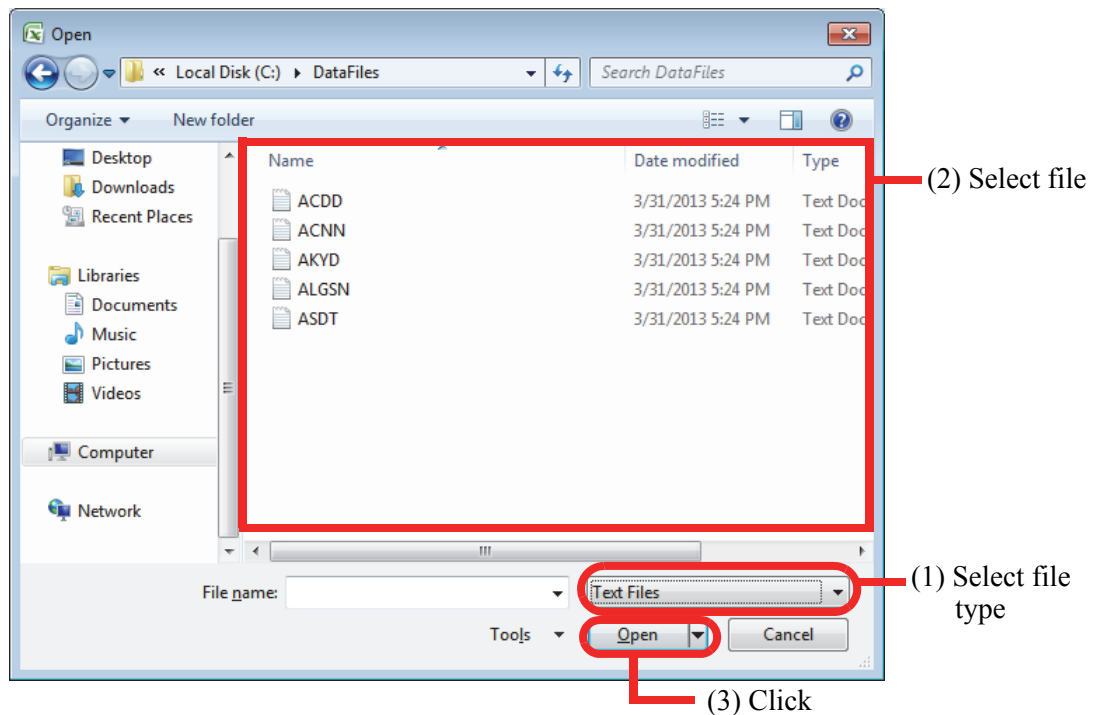
Note: The appearance of each image for Excel may differ according to your Excel setting and environment.

STEP 1: Start Excel.

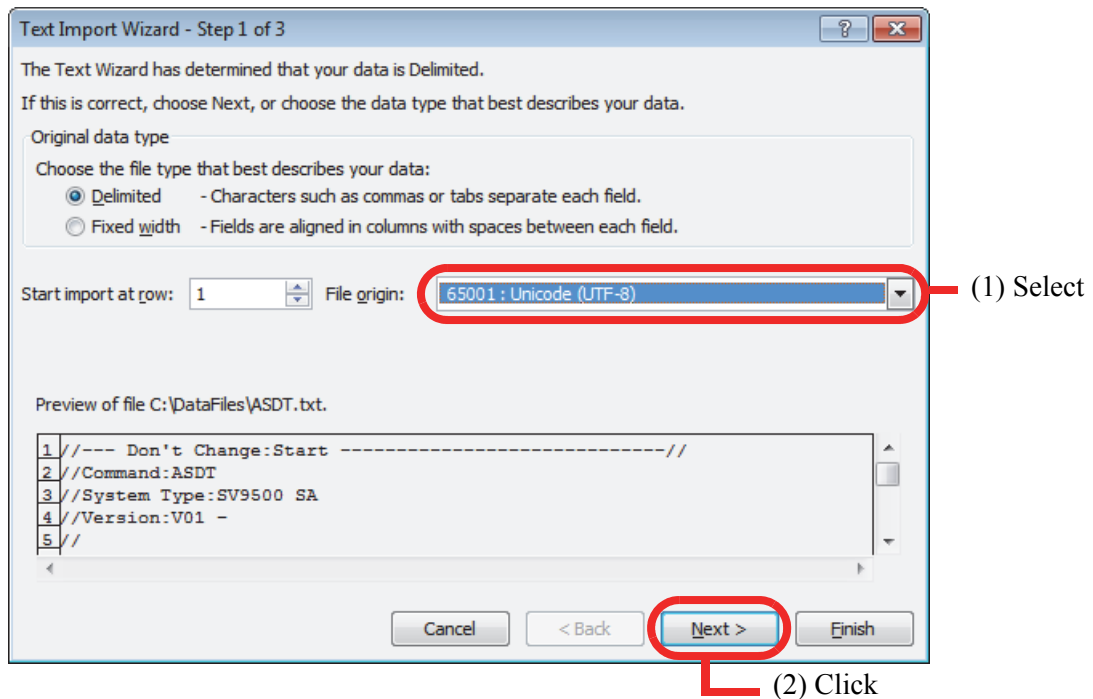
STEP 2: Select the [Open] on the File menu.



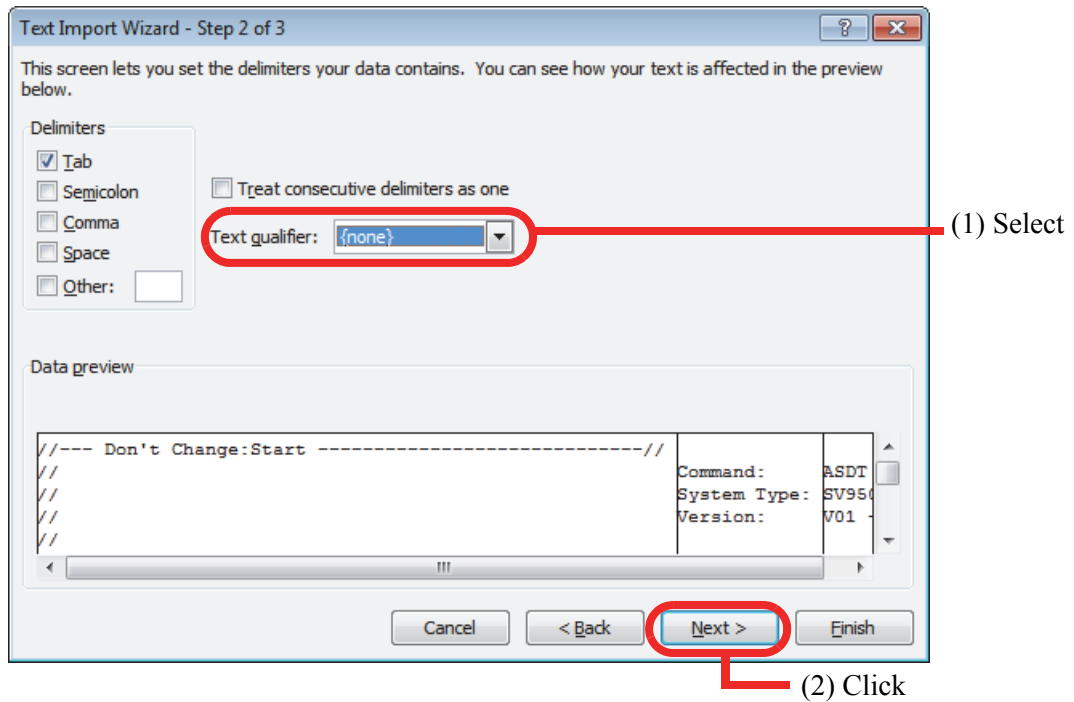
STEP 3: Select the [Text File (*.pm; *.txt; *.csv)] from the [Files of type] drop-down list, choose the applicable Data File from the list and click the [Open] button.



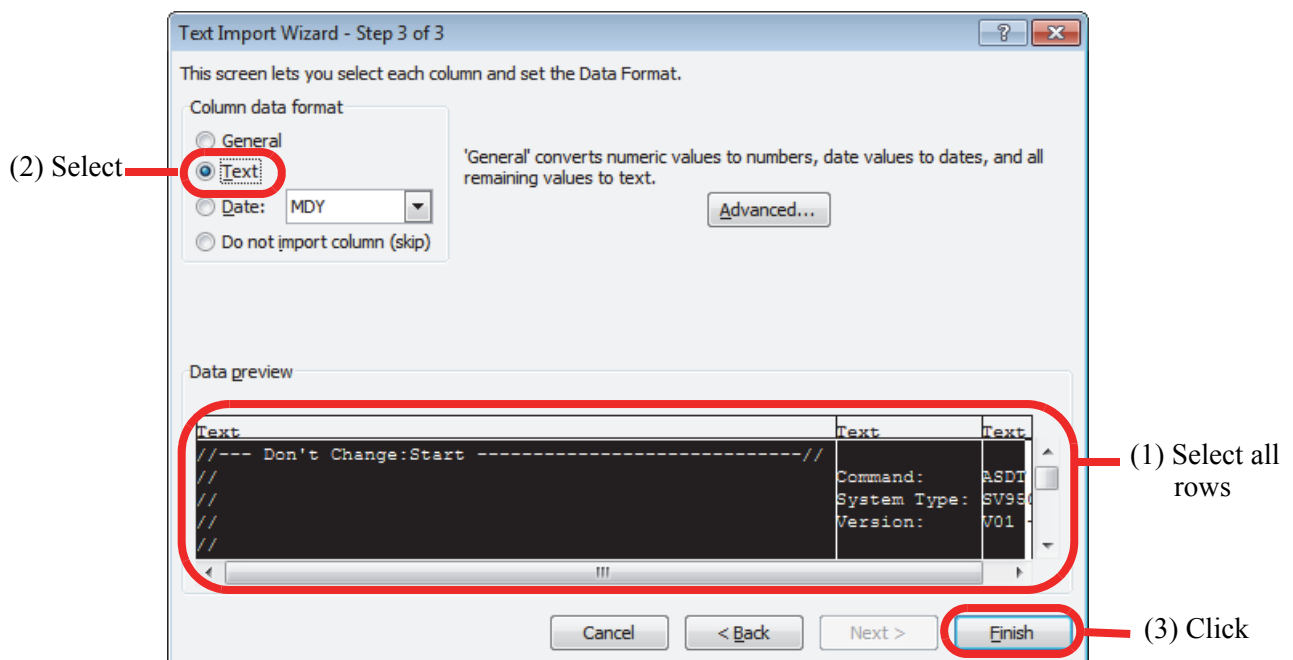
STEP 4: In the [Text Import Wizard - Step 1 of 3] dialog, select the [65001: Unicode (UTF-8)] from the [File origin] drop-down list and click the [Next] button.



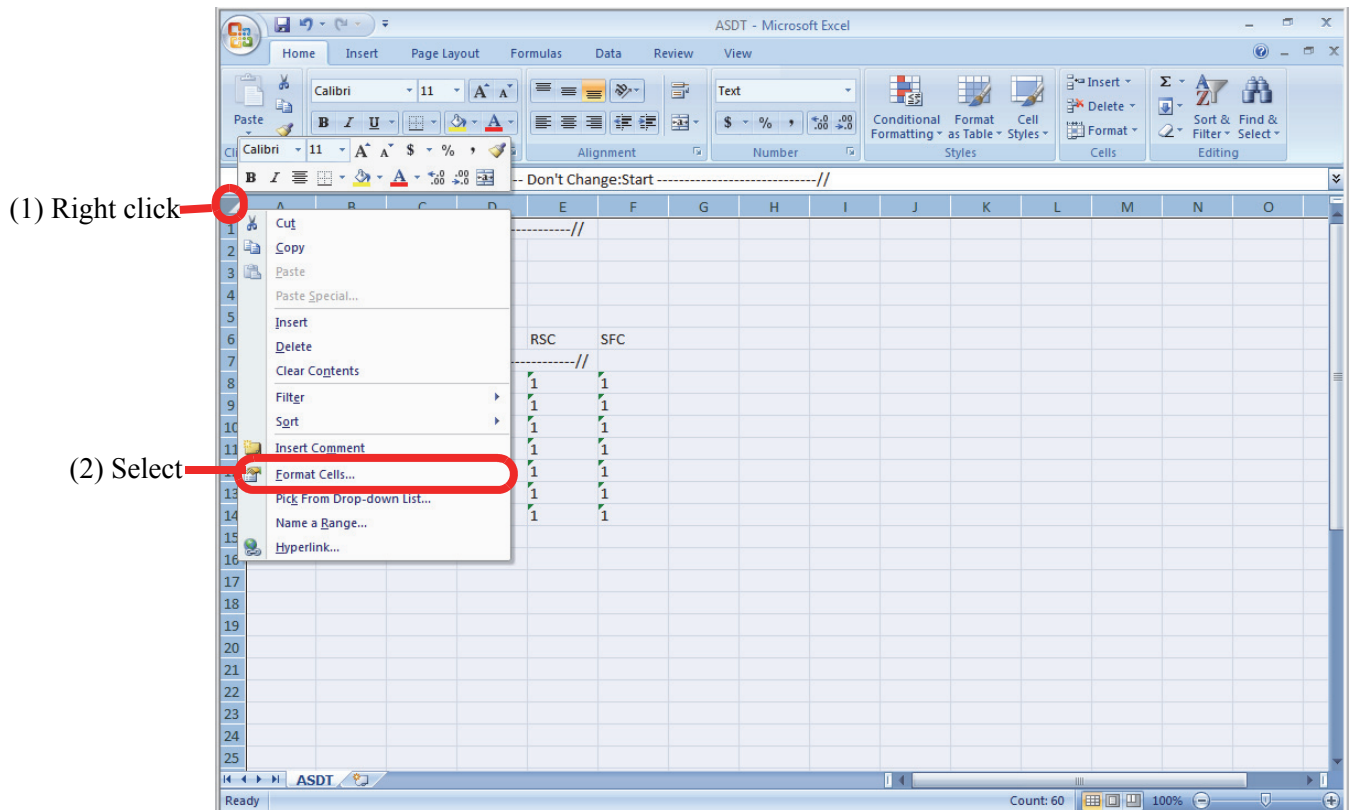
STEP 5: In the [Text Import Wizard - Step 2 of 3] dialog, select the [{none}] from the [Text qualifier] drop-down list and click the [Next] button.



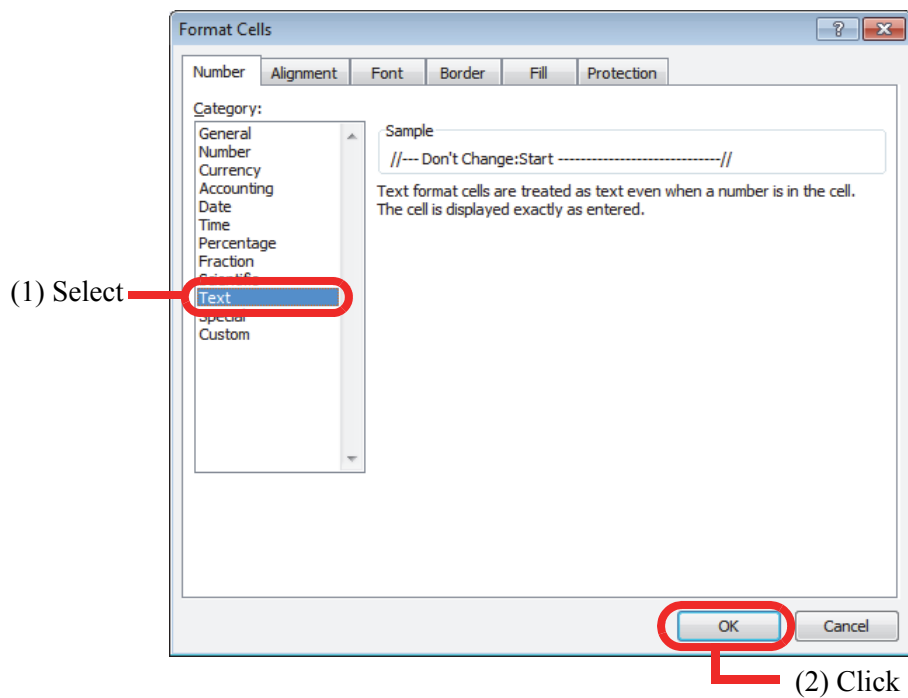
STEP 6: In the [Text Import Wizard - Step 3 of 3] dialog, select all rows in the [Data preview] field (the background will turn black), the [Text] from the [Column data format] and click the [Finish] button. To select all rows, press the [Shift] key and click on each rows and select multiple rows.



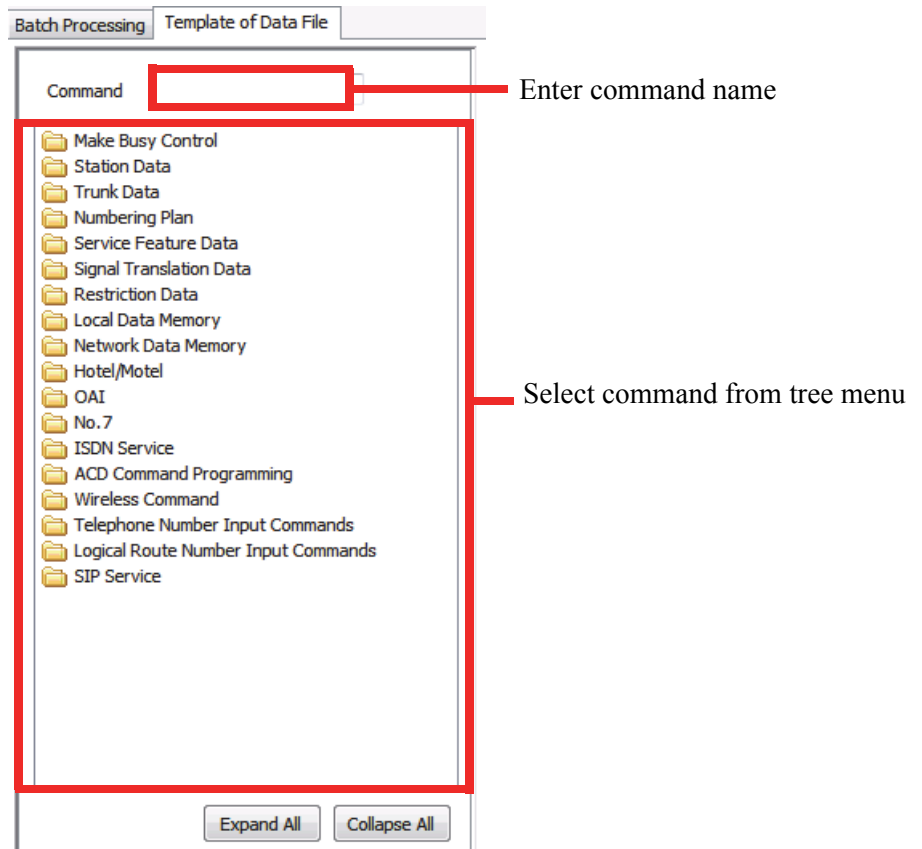
STEP 7: Right click the top left column to select all cells and select the [Format Cells...] from the right click menu.



STEP 8: In the [Number] tab, select the [Text] from the [Category] list box and click [OK] button.



- STEP 9: Select the [Template of Data File] in QuickPro main window.
Enter the command name you wish to create data for in the [Command] entry field or select the command from the Command Name Tree Menu.



STEP 10: Refer to the information on each parameter in the [Help] field and enter the data.

Note: You may output the contents of the [Help] field as a text file. Click the [Export Help...] button to export help file.

- Note:** Consider the following when entering data with Excel.
- To avoid the automatic number formatting function of Excel, perform either of the following:
 - Select the formatting cell and [Format Cells...] from the right click menu. In the [Number] tab, select the [Text] from the [Category] list box.
 - Precede the entry with an apostrophe.
 - When you want to enter a data including an apostrophe, prefix the data with another apostrophe (e.g. To register a text data "ABC", enter "ABC").
 - When a data including a comma or double quotation is entered, the entry will be enclosed with additional double quotations. Delete the extra double quotations with text editor after saving with Excel.



Note: Create the data to conform the system settings since the range and capability of input values for some parameters differ according to the system settings.

Note: Enter the value listed along with the parameter information in the [Help] field for parameters using radio button, drop-down list or check box to set data in PCPro.

Control	Help Indication	Setting Example
<p>Radio Button</p> <div style="border: 1px solid gray; padding: 5px;"> <p>D/N</p> <p><input checked="" type="radio"/> Day Mode</p> <p><input type="radio"/> Night Mode</p> </div>	<p>D/N (Day/Night Mode) {1-2}</p> <p>1 : Day Mode</p> <p>2 : Night Mode</p>	<pre> // *D/N *RT *DC CDC // --- Don' Change:End ----- 1 1 1000 100 </pre>
<p>Drop-down List</p> <div style="border: 1px solid gray; padding: 5px;"> <p>TDM/OG</p> <p>T : Tandem Connection</p> </div>	<p>TDM/OG(Tandem/Outgoing Connection) {T/O}</p> <p>1 : T(Tandem Connection)</p> <p>2 : O(Outgoing Connection)</p>	<pre> // *TDM/OG *D/N *IC RT // --- Don' Change:End ----- 1 1 1 1 </pre>
<p>Check box</p> <div style="border: 1px solid gray; padding: 5px;"> <p><input type="checkbox"/> FAX Setting Data</p> </div>	<p>FAX Setting Data</p> <p>* in case of KIND = 4, 16, 28, 34</p> <p>0 : OFF(With no setup of FAX)</p> <p>1 : ON(Those of FAX with a setting)</p>	<pre> FAX Setting Data JITSIZ PAYTYP1 0 1 </pre>

Note: Enter the value to conform the format of the parameter in the “Header” section when setting a value for parameters using a grid to enter the data in PCPro.

[GRID A] 1 / 2 (Range : 2-4) row(s)

	Data1	Data2
1000	1001	
2000	2001	

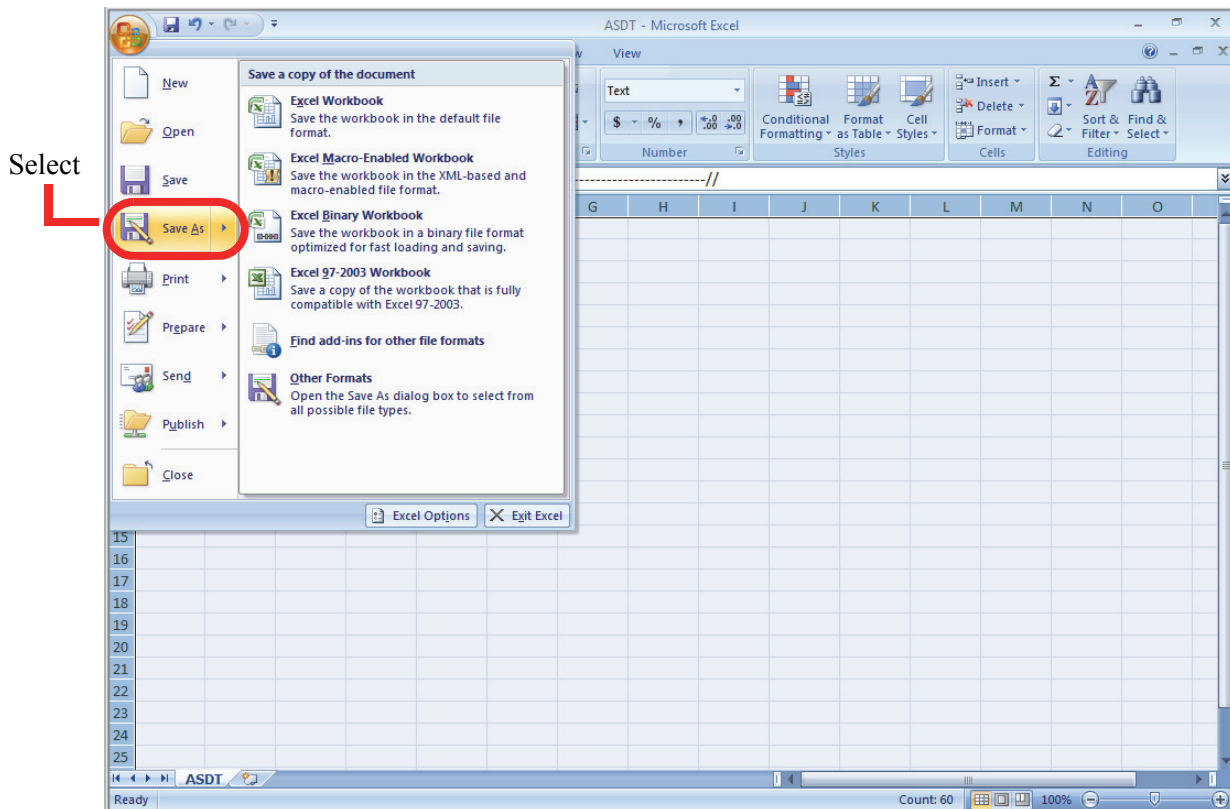
[When using one line for one record]

/*TN	*STN	Data1	Data2	Data1	Data2
--- Don't Change:End ---					
1	1000	1000	1001	2000	2001

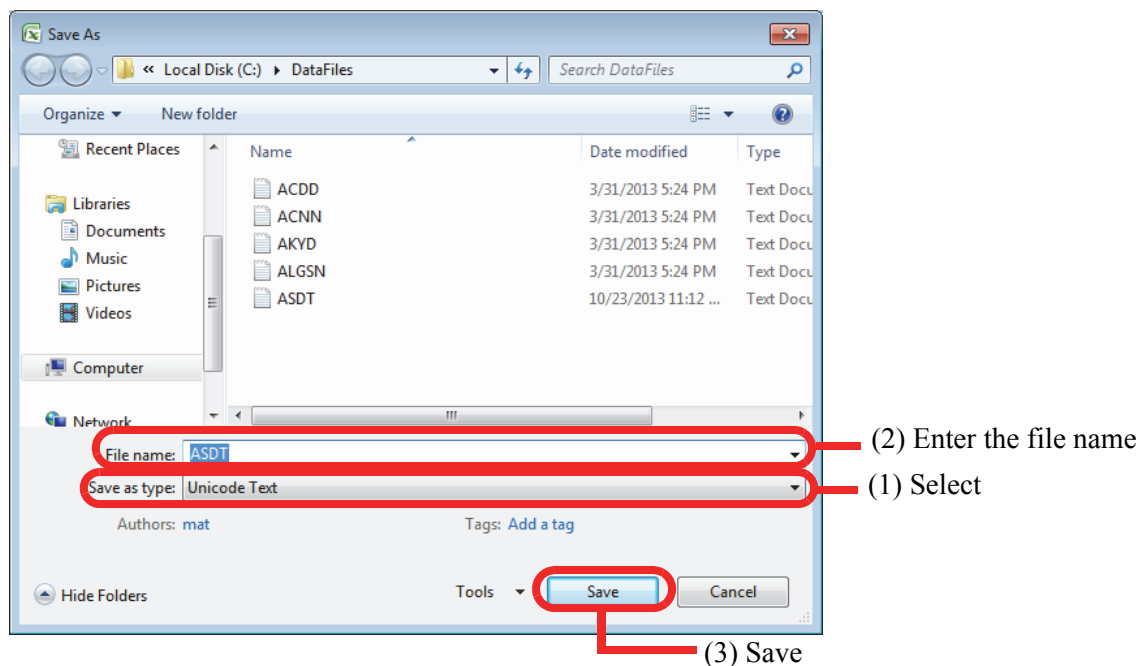
[When using multiple lines for one record]

/*TN	*STN	Data1	Data2
--- Don't Change:End ---			
1	1000	1000	1001
		2000	2001

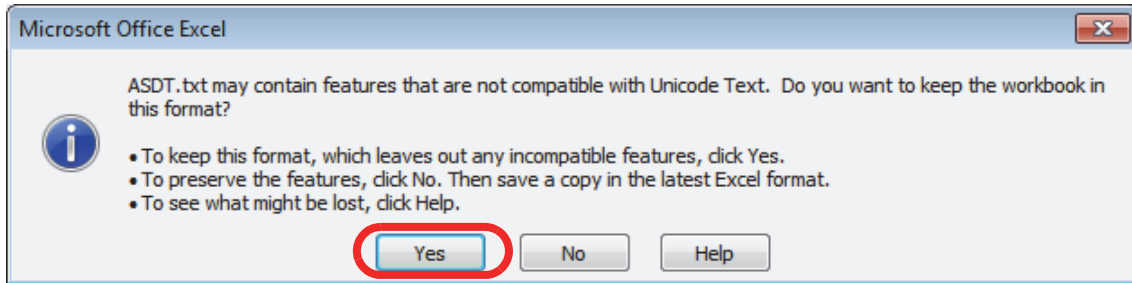
STEP 11: Select [File] - [Save As...] from the menu bar.



STEP 12: Select the [Unicode Text] from the [Save as type] drop-down list, enter the Data File name in the [File name] and click the [Save] button.



STEP 13: Click [Yes] button when the dialog below is displayed and save the file.



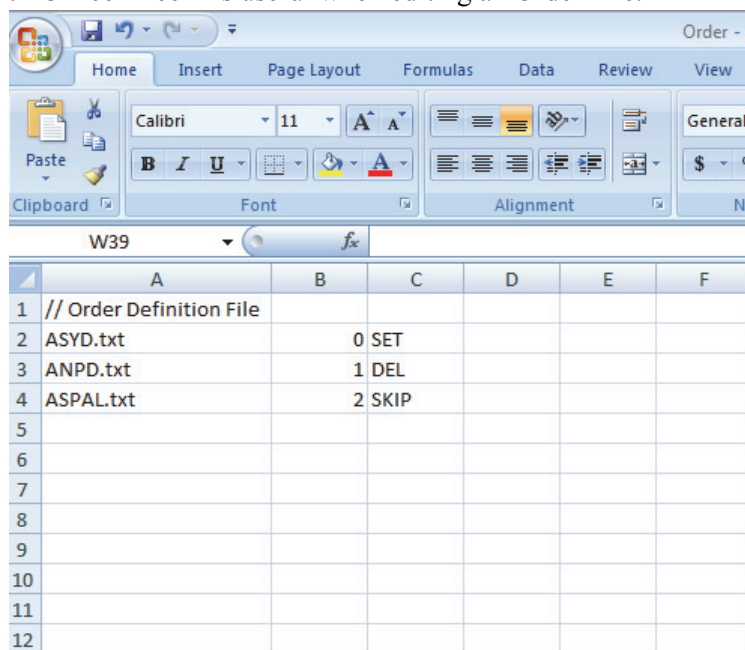
5.5 Order File Creation

This section explains how to create an Order File.

Order File retains the processing order, destination FPCs and process types of each Data File used when executing a Batch Processing for multiple Data Files. By creating an Order File and importing into QuickPro, multiple Data Files can be specified to execute a Batch Processing at once. In addition, with this function provided by using an Order File, you can reduce mistakes in data assignment in cases such as when the data is created by a different engineer.

You can choose either from the following to create an Order File:

- By operating QuickPro
- By editing the Order File directly
Microsoft® Office Excel® is useful when editing an Order File.



The screenshot shows an Excel spreadsheet titled "Order - 1" with the following data:

	A	B	C	D	E	F
1	// Order Definition File					
2	ASYD.txt	0	SET			
3	ANPD.txt	1	DEL			
4	ASPAL.txt	2	SKIP			
5						
6						
7						
8						
9						
10						
11						
12						

5.5.1 Conditions for Order File

Note: When the conditions 1 to 6 listed below are not complied, an error message appears.

1. Use tab separated values (TSV) text files (*.txt) and UTF-16 encoding for Order Files.
2. Do not insert an empty line in Order File.
3. You may insert a comment line at the top of the file by adding a line preceding with a "//".
4. Only enter information of one Data File per each single line.
5. Up to 100 Data Files can be specified in each Order File.
6. The Order File and all Data Files specified within the same Order File must be stored in the same path.

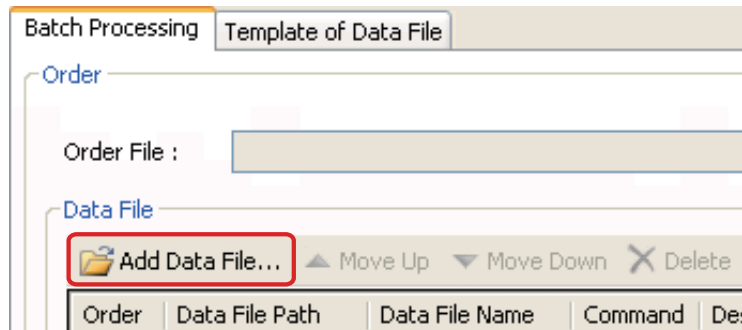
7. Commands listed in the Order File must be in the same order as when assigning data for each service.

5.5.2 Order File Creation with QuickPro

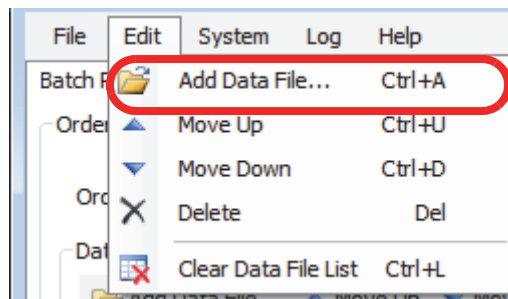
This section explains the procedure to create an Order File with QuickPro.

STEP 1: Select the either of the following procedure to create an Order File.

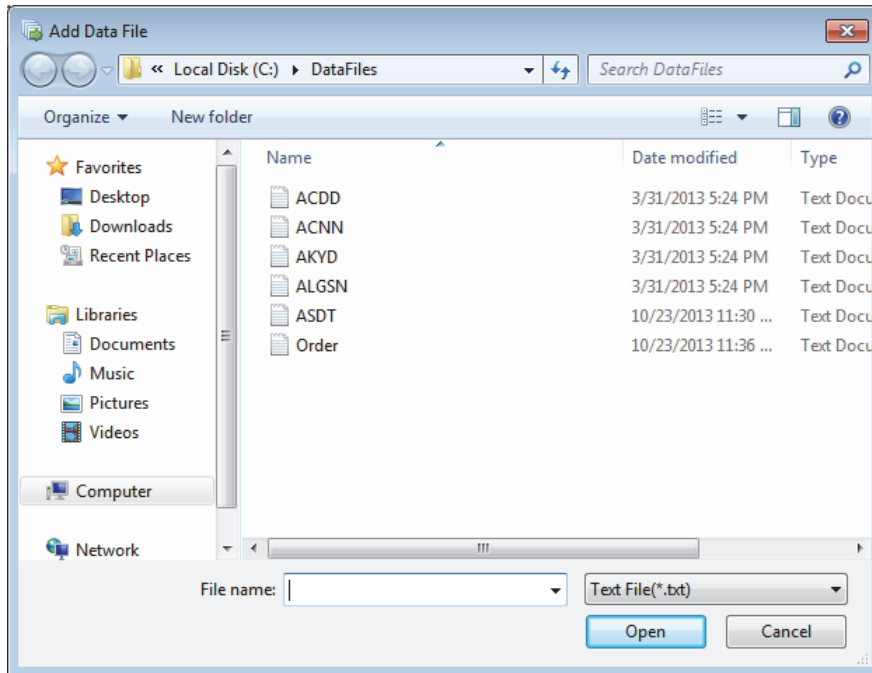
- Click the [Batch Processing] tab and click the [Add Data File...] button in the [Data File] field.



- Select [Edit] - [Add Data File...] from the Main Menu of QuickPro

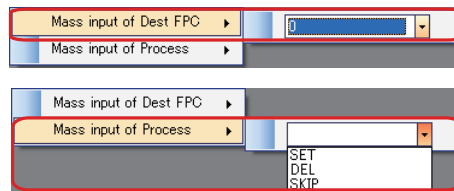
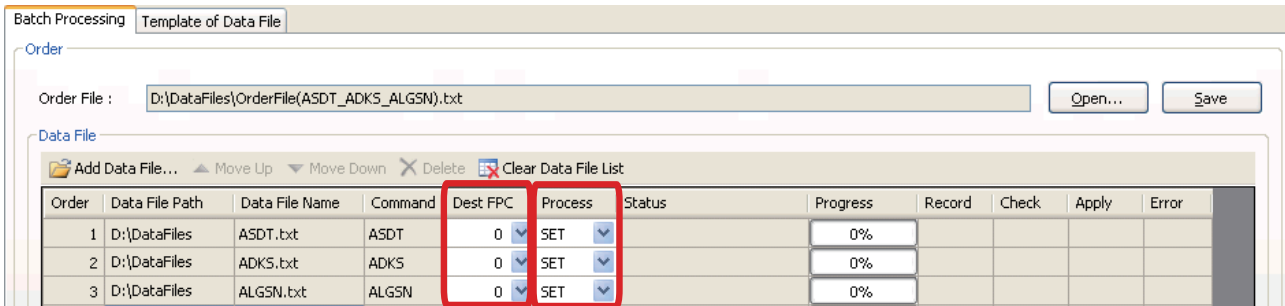


STEP 2: In the [Add Data File] dialog, select the Data File to add to an Order File and click the [Open] button.



Note: Specify the Data File in the order to apply the data to the system.

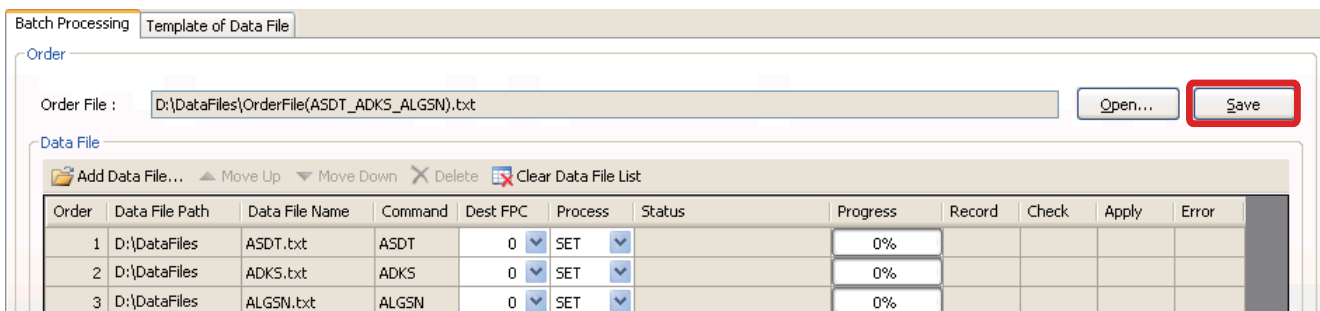
STEP 3: Select values from the [Dest FPC] and the [Process] drop-down list for each Data File added to the Data File List. The values for the [Dest FPC] and the [Process] can be set in one process from the right click menu.



Item	Description
Dest FPC	<p>Sets the destination FPC of the data. Specify within the range of 0 to 253.</p> <p>Note: When 0 is set, the process is performed toward the current log-in system.</p> <p>You need to log on to NCN (Network Control Node) to assign data to the nodes other than the self node.</p>
Process	<p>Sets the process type to be performed toward the system.</p> <p>Note: See [Batch Processing] Tab in this chapter for detailed information on Process.</p>

Note: Repeat the procedures from STEP 1 to STEP 3 to add multiple Data Files.

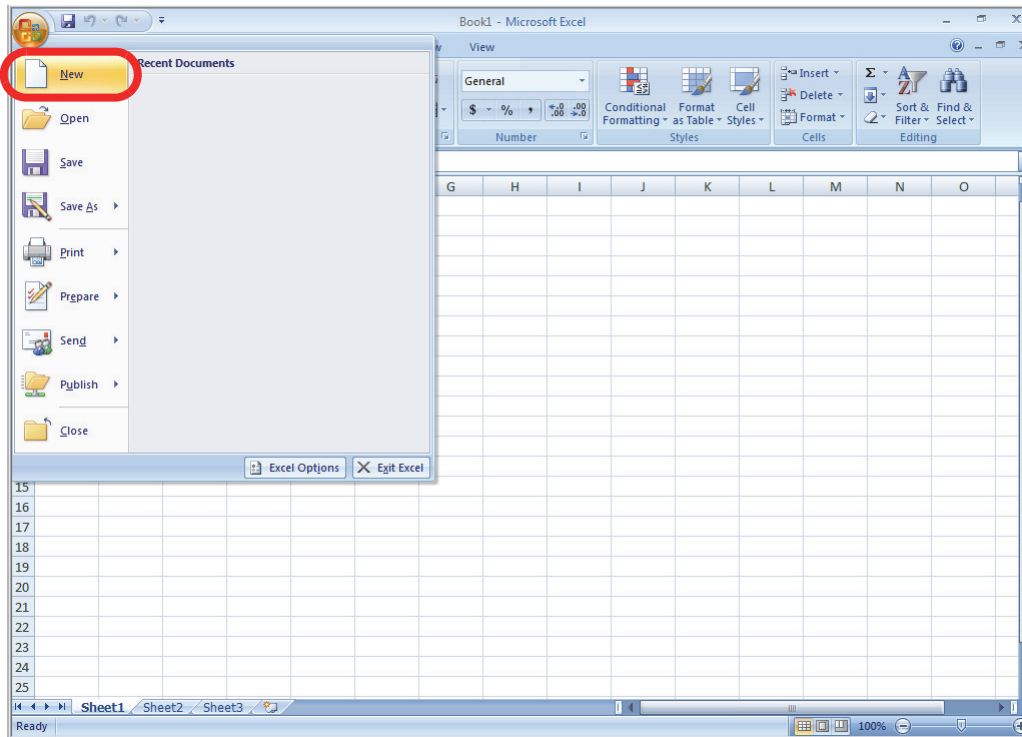
STEP 4: After all the Data Files are added to the list, click the [Save] button or select [File] - [Save Order File] from the Main Menu to save the Order File.



5.5.3 Order File Creation with Excel

This section explains how to create an Order File with Excel.

STEP 1: Activate Excel and select [File] - [New...] from the menu bar to create a new file.



STEP 2: In the Order File, enter the Data File names in the order to execute a Batch Processing, “Dest FPC” and “Process” for each Data File.

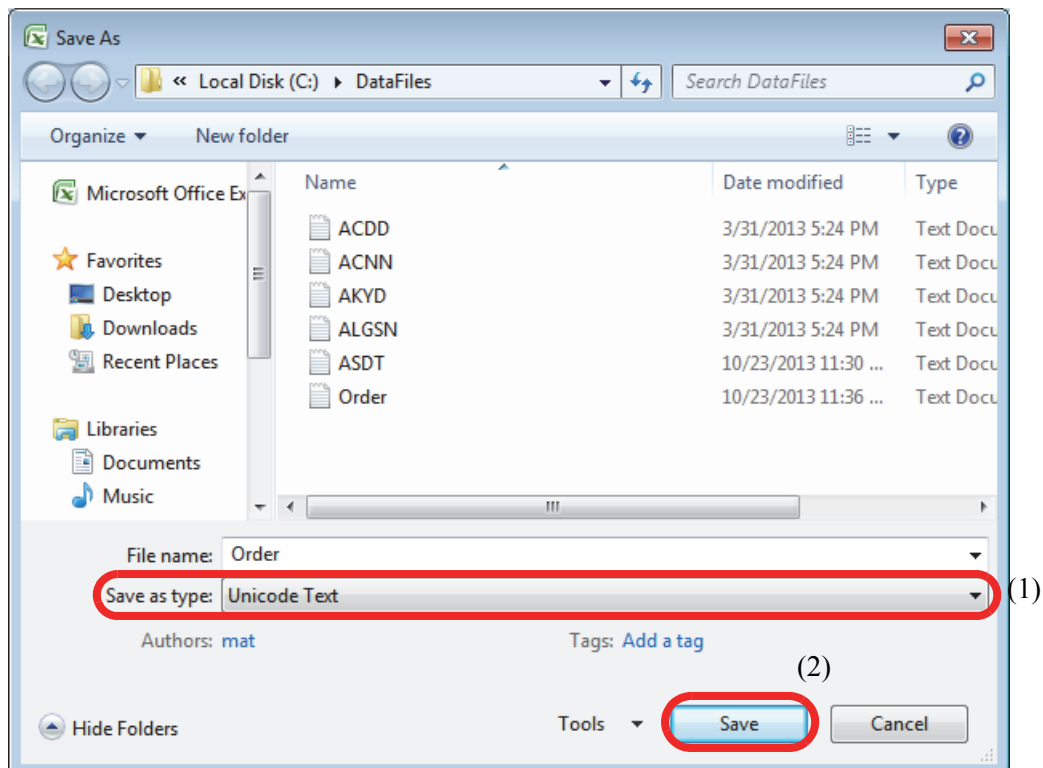
Item	Description
Data File	Enter the Data File name in the order to execute a Batch Processing
Dest FPC	Enter the destination FPC of the data. Specify within the range of 0 to 253. Note: When 0 is set, the process is performed toward the current log-in system.
Process	Enter the process type to be performed toward the system. Case-insensitive. The process types listed below are available. <ul style="list-style-type: none"> • SET: Registers the contents of the Data File to the system (When the same data has already been registered in the system, the existing data will not be deleted automatically). • DEL: Deletes the contents of the Date File from the system. • SKIP: Move on to the next Data File without executing any process for this file.

Description Example of Order File

	A	B	C	D	E	F
1	// Order Definition File					
2	ASYD.txt	0	SET			
3	ANPD.txt	1	DEL			
4	ASPAL.txt	2	SKIP			
5						
6						
7						
8						
9						
10						
11						
12						

STEP 3: When you finish creating the Order File, select [File] - [Save As...] from the menu bar to save the Order File.

In the [Save As] dialog, enter the Order File name in the [File name], select the [Unicode Text] from the [Save as type] drop-down list and click the [Save] button.



5.6 Data Check

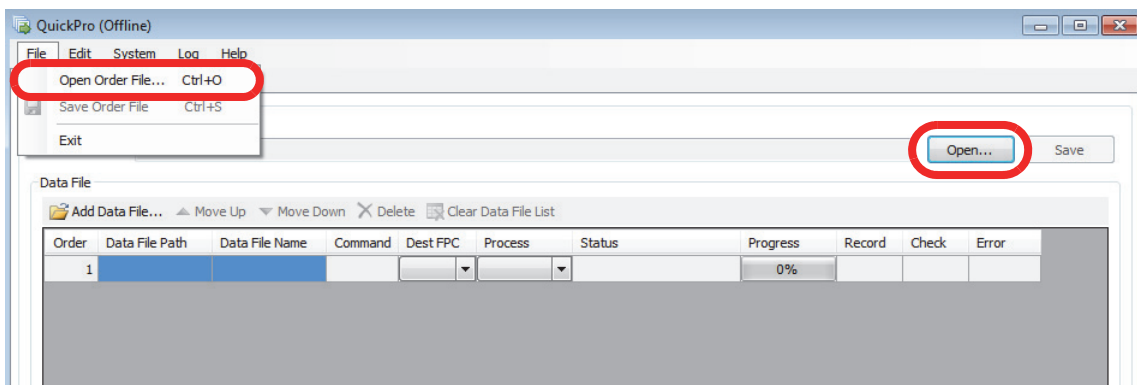
This section explains how to execute an input value check of the data contained in the Data File.

Note: The checking methods of data check differ between Online Mode and Offline Mode. For example, the input values for Tenant Numbers are checked whether they are in the range of 1 to 255 for Offline Check, whereas the input values for Tenant Numbers are checked whether they are within the range of Tenant Number assigned in the system data for Online Check.

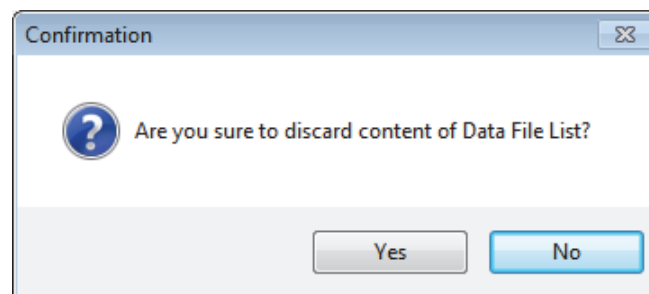
Processing Mode	Checking Method
Online Check	Checks the availability and input value of each command by accessing the system. Performs a precise check considering the system setting.
Offline Check	Checks the availability and input value of each command without accessing the system. Will not performs a precise check considering the system setting.

1. Loading of an Order File

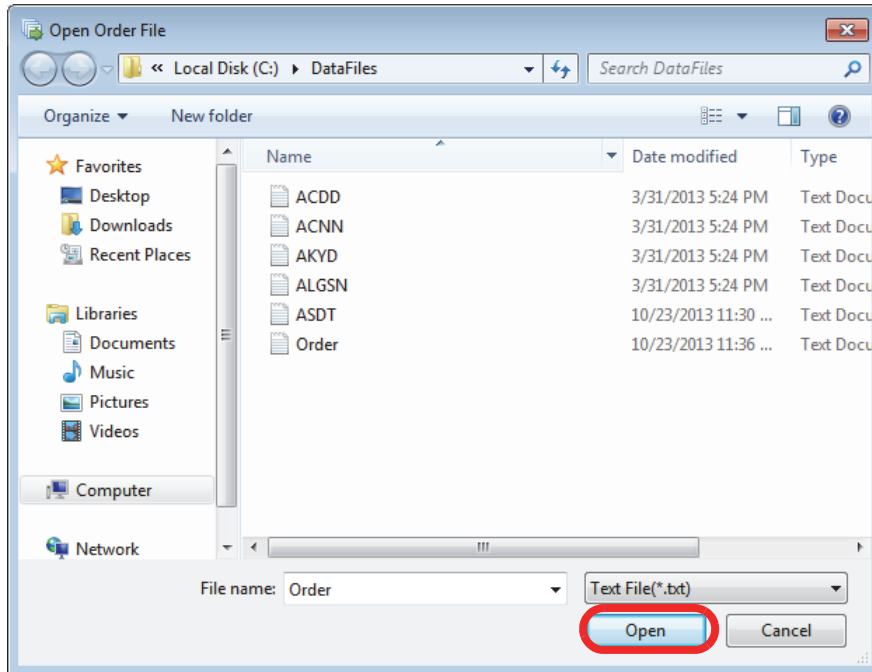
STEP 1: Click the [Open...] button in the [Batch Processing] tab or select [File] - [Open Order File...] from the Main Menu of QuickPro.



If any Data File is specified in the Data File List, you will be indicated with the following confirmation dialog. Click [Yes] button if you choose to discard the contents of current Data File List.



STEP 2: In the [Open Order File] dialog, select an Order File and click the [Open] button.

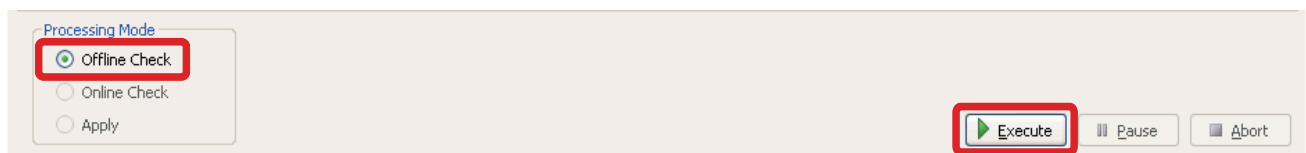


Note: Data Check can be performed by specifying the Data Files directly to the Data File List. See [Order File Creation with QuickPro](#) for procedure to add Data Files to the Data File List.

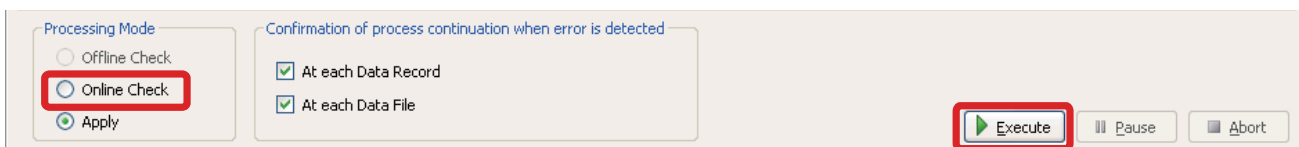
2. Data Check

STEP 1: After loading the Order File, select the [Offline Check] when you are operating QuickPro in Offline Mode and the [Online Check] in Online Mode, from the [Processing Mode] in the [Batch Processing] tab. And then, click the [Execute] button.

For Offline Check

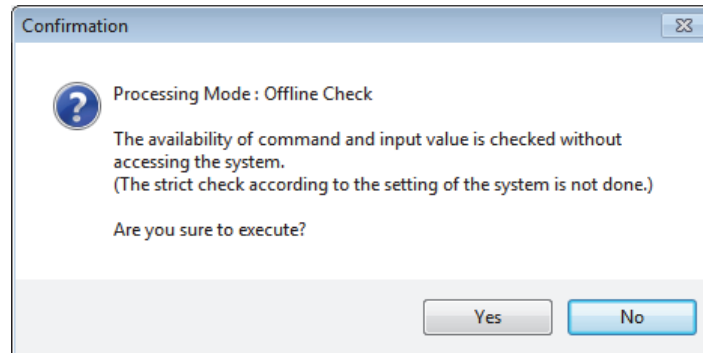


For Online Check



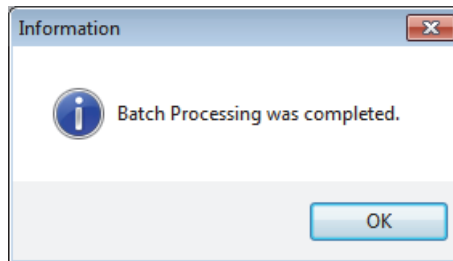
Note: "Dest FPC" will not be used for Offline Check.

STEP 2: When the confirmation dialog (the following dialog is for Offline Check given as an example) is displayed, click [Yes] button to execute a data check.



Note: [File], [Edit] and [System] in the Main Menu will be disabled during a data check process.

STEP 3: The following dialog will be displayed when the data check is completed without an error. Click [OK] button to close the dialog.



Note: When an error is detected in the Data File, "Some errors were detected. Please confirm the Operation Log." message dialog will be indicated. Click [OK] button and check the log with an error. Select [Log] - [Log Management...] in the Main Menu and refer the error details. After confirming the error details in Log Management window, modify the Data File. See [Log Management Window](#) in this chapter for detail information on Log Management window.

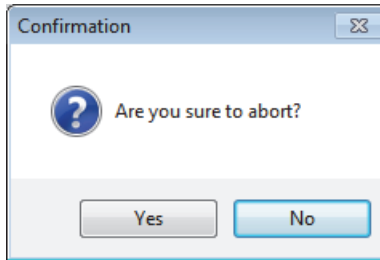
3. Pausing of the Data Check

STEP 1: To stop the Data Check temporarily, click the [Pause] button in the [Batch Processing] tab

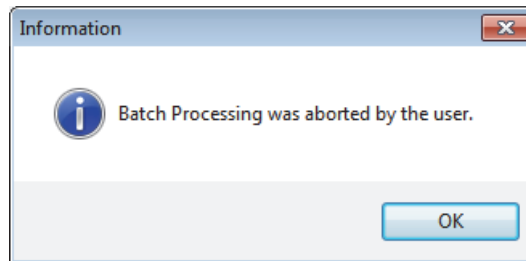
4. Aborting the Data Check

STEP 1: To abort the Data Check, click the [Abort] button in the [Batch Processing] tab.

STEP 2: Click [Yes] button when the following dialog is displayed.



STEP 3: When the Data Check is completely aborted, the dialog below will be displayed. Click [OK] button to close the dialog.



5.7 Applying Process

This section explains how to apply the data of Data Files listed in an Order File. Data can be applied in Online Mode only.

Note: There are some commands which cannot be overwritten. To modify the data of commands which cannot be overwritten, delete the existing data of the relevant command first and then register the new data again.

1. Applying the Data

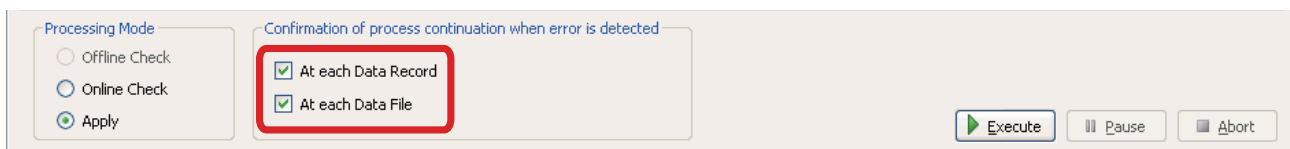
STEP 1: Load the Order File.

See [Loading of an Order File](#) for detailed procedure to load the Order File.

STEP 2: Select the [Apply] from the [Processing Mode] in the [Batch Processing] tab.



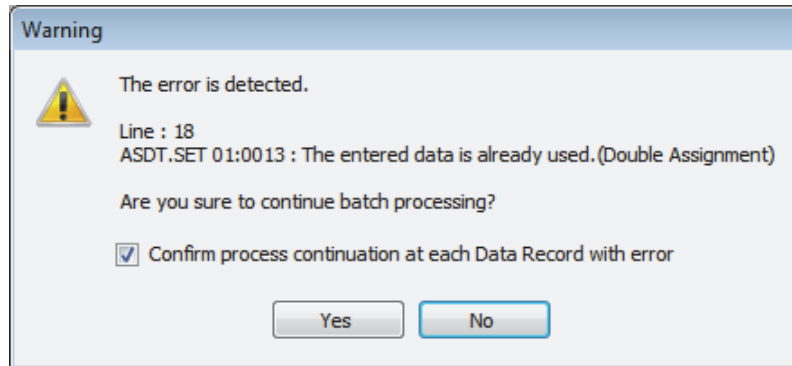
STEP 3: Before applying the data, confirm that the [Confirmation of process continuation when error is detected] is checked on the appropriate check box. See [\[Batch Processing\] Tab](#) in this chapter for detailed information on these check boxes



STEP 4: Click the [Execute] button. After a confirmation dialog is displayed, click [Yes] button to execute an applying process.

Note: [File] and [Edit] in the Main Menu will be disabled while applying the data.

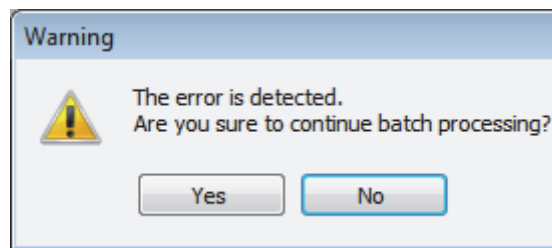
Note: If “At each Data Record” is checked for the [Confirmation of process continuation when error is detected], the applying process will be suspended with the following dialog when an error is detected during the applying process.



Confirm the error details and click [Yes] button to continue the process. The applying process will be aborted if [No] button is clicked.

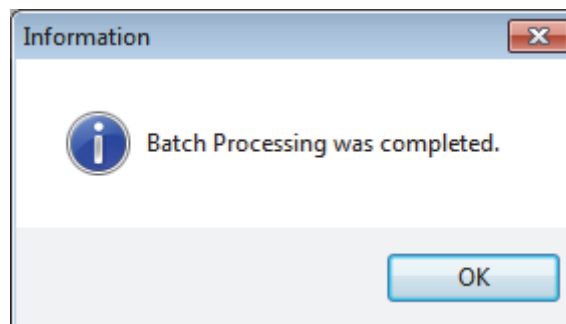
If you remove the check mark on “Confirm process continuation at each Data Record with error”, the check mark on “At each Data Record” in the [Batch Processing] tab will be removed as well.

Note: If “At each Data File” is checked for the [Confirmation of process continuation when error is detected], the applying process will be aborted with the following dialog when an error is detected during the applying process.



Click [Yes] button to continue the process. The applying process will be aborted if [No] button is clicked.

STEP 5: If no error was detected in the Data File when the applying process is completed, the following dialog will be displayed. Click [OK] button to close the dialog.



STEP 6: When an error is detected in the Data File when the applying process is completed, “Some errors were detected. Please confirm the Operation Log.” message dialog will be indicated. Click [OK] button and check the log with an error.

Select [Log] - [Log Management...] in the Main Menu and refer the error details. After confirming the error details in Log Management window, modify the Data File.

See [Log Management Window](#) in this chapter for detail information on Log Management window.

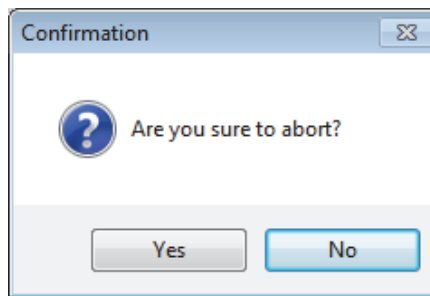
2. Pausing the Applying Process

STEP 1: To stop the Applying Process temporarily, click the [Pause] button in the [Batch Processing] tab

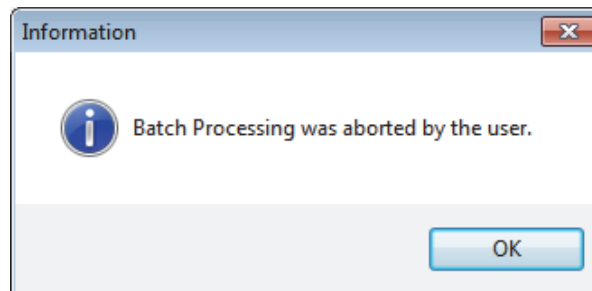
3. Aborting the Applying Process

STEP 1: To abort the Applying Process, click the [Abort] button in the [Batch Processing] tab

STEP 2: Click [Yes] button when the following dialog is displayed.



STEP 3: When the Applying Process is completely aborted, the dialog below will be displayed. Click [OK] button to close the dialog.



Note: When the applying process is aborted, the data applied before the process is aborted will be applied properly. Check the logs for each record in Log Management window and take necessary actions for each error.

6. QuickPro Command List

This section lists the commands which are available for QuickPro.
See the Command Manual for detailed information on each command.

6.1 Business Command

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
AABD	LABD	Available for FP95-115 V5 or later.
AACL	N	
AADC	LADC	
AADCL	LADCL	
AADCN	LADCN	
AADT	LADT	
AADTL	LADTL	
AADTN	LADTN	
AAED	LAED	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-115 V5 or later.
AAEDL	LAEDL	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-115 V5 or later.
AAEDN	LAEDN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-115 V5 or later.
AANP	LANP	
AARP	LARP	Available for FP95-115 V5 or later.
AARPL	LARPL	Available for FP95-115 V5 or later.
AARPN	LARPN	Available for FP95-115 V5 or later.
AARS	LARS	Available for FP95-115 V5 or later.
AARSN	LARSN	Available for FP95-115 V5 or later.
AASN	N	
AASP	LASP	
AAST	LAST	
ACAN	LCAN	
ACCDL	LCCDL	EMEA only.
ACCDN	LCCDN	EMEA only.

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
ACCTL	LCCTL	EMEA only.
ACCTN	LCCTN	EMEA only.
ACDD	LCDD	
ACDD_LR	N	
ACDDL	LCDDL	
ACDDN	LCCDN	
ACFO	LCFO	
ACFOL	LCFOL	
ACFON	LCFON	
ACFR	LCFR	
ACFRN	LCFRN	
ACFS	LCFS	
ACFS_T	N	
ACIC1	LCIC1	
ACIC1N	LCIC1N	
ACIC2	LCIC2	
ACIC3L	LCIC3L	
ACIC3N	LCIC3N	
ACIC4L	LCIC4L	
ACID	LCID	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-114 V4 or later.
ACND	LCND	Available for FP95-112 V2 or later.
ACNDN	LCNDN	Available for FP95-112 V2 or later.
ACNP	LCNP	Available for FP95-112 V2 or later.
ACNPN	LCNPN	Available for FP95-112 V2 or later.
ACOC	LCOC	
ACOC_LR	N	
ACPDN	LCPDN	
ACPE	LCPE	
ACPEL	LCPEL	
ACPEN	LCPEN	

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
ACPG	LCPG	
ACPGL	LCPGL	
ACPGN	LCPGN	
ACPKN	LCPKN	
ACPSL	LCPSL	
ACPSN	LCPSN	
ACRD	LCRD	
ACSA	LCSA	Available for FP95-112 V2 or later.
ACSAL	LCSAL	Available for FP95-112 V2 or later.
ACSC	LCSC	
ACSC2L	LCSC2L	
ACSC2N	LCSC2N	
ACSCL	LCSCCL	
ACSCN	LCSCN	
ACSDL	LCSDL	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-114 V4 or later.
ACSDN	LCSDN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-114 V4 or later.
ACSEL	LCSEL	Available for FP95-114 V4 or later.
ACSEN	LCSEN	Available for FP95-114 V4 or later.
ACSI	LCSI	Available for FP95-112 V2 or later.
ACSIL	LCSIL	Available for FP95-112 V2 or later.
ACSIN	LCSIN	Available for FP95-112 V2 or later.
ACSSL	LCSSL	Available for FP95-114 V4 or later.
ACSSN	LCSSN	Available for FP95-114 V4 or later.
ACTK	LCTK	
ADAI	LDAI	
ADAI_T	N	
ADGN	LDGN	
ADGN_T	N	
ADKS	LDKS	

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
ADLDL	LDLDL	EMEA only.
ADLDN	LDLDN	EMEA only.
ADPC	LDPC	
ADPCL	LDPCL	
ADPCN	LDPCN	
ADRTL	LDRTL	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-114 V4 or later.
ADR TN	LDRTN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-114 V4 or later.
ADSDL	LDSDL	
ADSDN	LDSDN	
ADSL	LDL	
ADSLN	LDL N	
AFCMN	N	Available for FP95-115 V5 or later.
AFDD	LFDD	
AFDDN	LFDDN	
AFRRL	LF RRL	
AFRRN	LFRRN	
AFRS	LFRS	
AFRSL	LF RSL	
AFRSN	LF RSN	
AGCL	N	
AGCP	LGCP	
AGNP	LGNP	
AGNPL	LG NPL	
AGNPN	LG NPN	
AGSN	N	
AGSP	LGSP	
AGSPL	LG SPL	
AGSPN	LG SPN	
AGST	LGST	

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
AHLG	LHLG	Available for FP95-114 V4 or later.
AHLGL	LHLGL	Available for FP95-114 V4 or later.
AHLGN	LHLGN	Available for FP95-114 V4 or later.
AHLS	LHLS	
AHLSN	LHLSN	
AHRTL	LHRTL	Available for FP95-114 V4 or later.
AICSL	LICSL	Available for FP95-114 V4 or later.
AICSN	LICSN	Available for FP95-114 V4 or later.
AIEA	LIEA	
AIED	LIED	
AISA	LISA	
AISA_T	N	
AISD	LISD	
AISD_T	N	
AISP	LISP	
AISPL	LISPL	
AISPN	LISPN	
AISTL	LISTL	
AIVCL	LIVCL	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-112 V2 or later.
AIVCN	LIVCN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-112 V2 or later.
AKTDN	LKTDN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-113 V3 or later.
AKYD	LKYD	
AKYD_T	N	
ALGCL	LLGCL	
ALGCN	LLGCN	
ALGNL	LLGNL	
ALGNN	LLGNN	

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
ALGSL	LLGSL	
ALGSN	LLGSN	
ALIDL	LLIDL	
ALOCL	LCOCL	
ALRNN	N	
ALRTN	LLRTN	
AMAA	LMAA	
AMAC	LMAC	
AMACN	LMACN	Available for FP95-112 V2 or later.
AMAIL	LMAIL	
AMAIN	LMAIN	
AMGIL	LMGIL	
AMGVL	LMGVL	
AMGVN	LMGVN	
AMND	LMND	
AMNDL	LMNDL	
AMNDN	LMNDN	
AMNO	LMNO	
AMNOL	LMNOL	
AMNON	LMNON	
ANCS	LNCS	Available for FP95-114 V4 or later.
ANDD	LNDD	
ANDD_T	N	
ANEDL	LNEDL	EMEA only.
ANEDN	LNEDN	EMEA only.
ANND	LNND	
ANNDL	LNNDL	
ANPD	LNP	
ANPDL	LNPDL	
ANPDN	LNPDN	
AOKC	LOKC	Available for FP95-115 V5 or later.

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
AOPR	LOPR	
AOPRL	LOPRL	
AOPRN	LOPRN	
AOSP	LOSP	
AOSPL	LOSPL	
AOSPN	LOSPN	
APAD	LPAD	
APADN	LPADN	
APBKN	LPBKN	Available for FP95-112 V2 or later.
APCNL	LPCNL	Available for FP95-114 V4 or later.
APCNN	LPCNN	Available for FP95-114 V4 or later.
APCR	LPCR	
APCRN	LPCRN	
APFLL	LPFLL	Available for FP95-114 V4 or later.
APFLN	LPFLN	Available for FP95-114 V4 or later.
APGN	LPGN	Available for FP95-114 V4 or later.
APGS	LPGS	Available for FP95-114 V4 or later.
APHN	LPHN	Available for FP95-112 V2 or later.
APHNL	LPHNL	Available for FP95-112 V2 or later.
APHNN	LPHNN	Available for FP95-112 V2 or later.
APIP2L	LPIP2L	
APIP2N	LPIP2N	
APIPL	LPIPL	
APIPN	LPIPN	
APMD	LPMD	Available for FP95-114 V4 or later.
APMLL	LPMLL	Available for FP95-114 V4 or later.
APMLN	LPMLN	Available for FP95-114 V4 or later.
APPDN	LPPDN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-112 V2 or later.
APSD	LPSD	
APSGL	LPSGL	

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
APSMCL	LPSMCL	
APSP	LPSP	Available for FP95-114 V4 or later.
ARNP	LRNP	
ARNPL	LRNPL	
ARNPN	LRNPN	
ARODL	LRODL	Available for FP95-114 V4 or later.
ARRC	LRRC	
ARRCN	LRRCN	
ARSC	LRSC	
ARSCN	LRSCN	
ARTD	LRTD	
ARTDN	LRTDN	
ARTI	LRTI	
ARTIN	LRTIN	
ASADL	LSADL	Available for FP95-114 V4 or later.
ASADN	LSADN	Available for FP95-114 V4 or later.
ASCL	N	
ASCL_T	N	
ASCS	LSCS	
ASCS_T	-	
ASDC	LSDC	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-115 V5 or later.
ASDCL	LSDCL	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-115 V5 or later.
ASDCN	LSDCN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-115 V5 or later.
ASDT	LSDT	
ASFC	LSFC	
ASFCN	LSFCN	
ASGD	LSGD	

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
ASGD_T	N	
ASGDL	LSGDL	
ASGDN	LSGDN	
ASHC	LSHC	
ASHCL	LSHCL	
ASHCN	LSHCN	
ASHP	LSHP	
ASHPL	LSHPL	
ASHPN	LSHPN	
ASHSL	LSHSL	
ASHSN	LSHSN	
ASHTL	LSHTL	
ASHTN	LSHTN	
ASHU	LSHU	
ASHUL	LSHUL	
ASHUN	LSHUN	
ASHUEN	LSHUEN	
ASID	LSID	
ASID_T	N	
ASIDL	LSIDL	
ASIDN	LSIDN	
ASPA	LSPA	
ASPAL	LSPAL	
ASPAN	LSPAN	
ASPD	LSPD	Available for FP95-112 V2 or later.
ASPDN	LSPDN	Available for FP95-112 V2 or later.
ASPO	LSPO	
ASPTL	LSPTL	
ASPTN	LSPTN	
ASTD	LSTD	Available for FP95-115 V5 or later.
ASTN	N	

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
ASTP	LSTP	
ASTPL	LSTPL	
ASTPN	LSTPN	
ASYD	LSYD	Available for FP95-113 V3 or later.
ASYDL	LSYDL	Available for FP95-113 V3 or later.
ASYDN	LSYDN	Available for FP95-113 V3 or later.
ATCP	LTCP	Available for FP95-115 V5 or later.
ATCPL	LTCPL	Available for FP95-115 V5 or later.
ATCPN	LTCPN	Available for FP95-115 V5 or later.
ATDP	LTDP	
ATDPL	LTDP	
ATDPN	LTDPN	
ATIFD	LTIFD	Available for FP95-114 V4 Issue 2.0 or later.
ATNR	LTNR	
ATRK	LTRK	
ATSRL	LTSRL	Available for FP95-115 V5 or later.
ATSRN	LTSRN	Available for FP95-115 V5 or later.
AUACL	LUACL	
AUACN	LUACN	
AUCD	LUCD	Available for FP95-115 V5 or later.
AUCDL	LUCDL	Available for FP95-115 V5 or later.
AUCDN	LUCDN	Available for FP95-115 V5 or later.
AUGNN	LUGNN	
AUPVN	LUPVN	
AUNE	LUNE	Available for FP95-112 V2 or later.
AUNEL	LUNEL	Available for FP95-112 V2 or later.
AUNEN	LUNEN	Available for FP95-112 V2 or later.
AUPDN	LUPDN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-112 V2 or later.
AUPKDN	LUPKDN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-112 V2 or later.

-: Not supported N: Not applicable

Command	Listup Commands	Remarks
AUPVN	LUPVN	
AVPS	LVPS	
AVPSN	LVPSN	
RKTSN	LKTSN	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-113 V3 or later.

6.2 ACD Command

Command	Listup Commands	Remarks
ACDANA	LCDANA	
ACDCCV	LCDCCV	
ACDHC	LCDHC	
ACDHCE	LCDHCE	
ACDHS	LCDHS	
ACDHSE	LCDHSE	
ACDLOG	LCDLOG	
ACDPG	LCDPG	
ACDPLT	LCDPLT	
ACDPSN	LCDPSN	
ACDSPL	LCDPSL	
ACDTG	LCDTG	
ACDTN	LCDTN	
ACDWS	LCDWS	

6.3 Maintenance Command

Command	Listup Commands	Remarks
ATRF	N	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-113 V3 or later.
ATRFN	N	Available only when PCPro is connected to SV8500 or SV9500. Available for FP95-113 V3 or later.
MBCT	N	
MBRT	N	Available for FP95-112 V2 or later.
MBRT_LR	N	Available for FP95-112 V2 or later.
MBTK	N	

7. Error Message List

This section explains the overview and solutions for error messages indicated in QuickPro per each window.

- [Main Window](#)
- [Batch Processing Tab](#)
- [Template of Data File Tab](#)
- [System Information Dialog](#)
- [Log Management Window](#)

7.1 Main Window

Error Message	Description	Solutions
QuickPro doesn't support the connecting system.	Displayed when the system connected to PCPro does not support QuickPro	Check the system type supported by QuickPro. Note 1
Failed to get the System Information.	Displayed when QuickPro cannot be activated since the files required to operate QuickPro might be damaged or missing.	Install PCPro again. Note 2
You don't have command with the right to execute.	Displayed when there is no command available with the right to execute by the current connection account.	Check the login grade for the system connection with PCPro. Note 3

Note 1: See [Service Conditions for QuickPro](#) for information on systems supported by QuickPro.

Note 2: Make sure to uninstall PCPro beforehand when reinstalling. See [Uninstalling of PCPro](#) for more details.

Note 3: See [Login Grade Setting](#) for more details.

7.2 Batch Processing Tab

Error Message	Description	Solutions
The specified file doesn't exist. Please specify the correct file.	Displayed when either of the following operations are performed. <ul style="list-style-type: none"> • Tried to open an Order File by specifying a file which does not exist. • Tried to add a Data File by specifying a file which does not exist. 	Check the specified file name and specify the correct file again.
[Parameter] is invalid. Line: [Line Number]	Displayed when the operator tried to open an Order File with an invalid parameter value. Note 1	Modify the parameter in the Order File.
The file format is invalid.	Displayed when either of the following operations are performed. <ul style="list-style-type: none"> • Tried to open an Order File with an invalid format. • Tried to add a Data File with an invalid format. 	Check the format of the Order File or Data File.
Because the Data File count exceeds 100, the Data File cannot be added.	Displayed when the operator tried to add more than 100 Data Files.	Delete unnecessary Data Files, if any. Divide into multiple Order Files and execute the batch process several times if the Data File count still exceeds 100.
Because path of Order File is not the same as path of Data File, the Order File cannot be saved.	Displayed when the operator tried to save the Order File to a path which differs from the path used to save the Data Files.	Save the Order File to the same path as Data Files.
Because path of all specified Data File is not the same, the Order File cannot be saved.	Displayed when the operator tried to save the Data File list, which contains Data Files with different paths, as an Order File.	Use the same path to save all the Data Files to add to a Data File list.
Failed to save the Order File.	Displayed when saving the Order File ended in failure. The leading causes are as follows: <ul style="list-style-type: none"> • Trying to overwrite a read-only file. • Shortage of storage capacity for a hard disk. • A disk drive or a path without a writable attribute has been specified. 	Check whether the file to save the Order File is writable.
Some errors were detected. Please confirm the log.	Displayed when an error was detected in an Online Check, Offline Check or Apply process.	Refer to the Log Management window and check the Result for the Online Check, Offline Check and Apply process.

Error Message	Description	Solutions
Batch Processing was aborted by the user. Some errors were detected. Please confirm the log.	Displayed when a user interrupts a process in an Online Check, Offline Check or Apply process and an error was detected in those processes.	Refer to the Log Management window and check the Result for the Online Check, Offline Check and Apply process.

Note 1: [Parameter] indicates the name of a parameter with an invalid input value and the [Line Number] indicates the line number which contains data with invalid parameter value.

7.3 Template of Data File Tab

Error Message	Description	Solutions
Failed to export the template.	<p>Displayed when a template export ended in failure.</p> <p>The leading causes are as follows:</p> <ul style="list-style-type: none"> • Shortage of storage capacity for hard disk • The file to save the template is used by other application. • An attribute of the file to save the template is not writable. • A disk drive or a path without a writable attribute has been specified. 	Check whether the file to save the template is writable.
Failed to export the help.	<p>Displayed when a help export ended in failure.</p> <p>The leading causes are as follows:</p> <ul style="list-style-type: none"> • Shortage of storage capacity for hard disk • The file to save the template is used by other application. • An attribute of the file to save the template is not writable. • A disk drive or a path without a writable attribute has been specified. 	Check whether the file to save the help is writable.

7.4 System Information Dialog

Error Message	Description	Solutions
Invalid data exists.	Displayed when the operator tried to set the system information with an invalid data.	Check the entry and enter the correct data.

7.5 Log Management Window

Error Message	Description	Solutions
The selected logs have already been moved or deleted.	Displayed when the specified log file does not exist.	Select [View] - [Refresh] from the main menu of Log Management Window to update the Log Tree to the latest data.
Failed to read the log.	Displayed when QuickPro failed to load the log.	Check whether the specified log file is not used by any other PCPro (QuickPro).
Failed to delete the log.	Displayed when QuickPro failed to delete the log.	Check whether the specified log file is not used by any other PCPro (QuickPro).

Error Message	Description	Solutions
Failed to export the log.	<p>Displayed when QuickPro failed to export the log. The leading causes are as follows:</p> <ul style="list-style-type: none"> • Shortage of storage capacity for hard disk • The file to export the logs is used by other application. • An attribute of the file to export the logs is not writable. • A disk drive or a path without a writable attribute has been specified. 	Check whether the file to export the logs is writable.
The log under the update cannot be exported.	Displayed when the operator tried to export the logs during a log update such as when executing an Online Check, Offline Check or Apply process.	Wait until the log update process finishes after an Online Check, Offline Check or Apply process completes and then try again.
The log under the update cannot be deleted.	Displayed when the operator tried to export the logs during a log update such as when executing an Online Check, Offline Check or Apply process.	Wait until the log update process finishes after an Online Check, Offline Check or Apply process completes and then try again.



APPENDIX

1. Uninstalling of PCPro

This chapter explains how to uninstall PCPro based on Windows 7.

1.1 Uninstalling of PCPro from Maintenance PC

When you uninstall PCPro from a maintenance PC, follow the steps below:

- STEP 1: Click the [Start] menu on Windows, and select the [Control Panel].
- STEP 2: Click the [Programs and Features].
- STEP 3: Select the [NEC SV9500 PCPro], and click the [Uninstall].

PCPro has been removed from your computer.

1.2 Uninstalling of PCPro when Remote Desktop Services is used

The following describes how to uninstall PCPro when Remote Desktop Services is used.

1.2.1 Uninstalling PCPro from Server

The following describes how to uninstall PCPro on Windows Server 2008 R2.

- STEP 1: Log in to the server.
- STEP 2: Click the Windows [Start] menu, and select the [Control Panel].
- STEP 3: Click the [Programs and Features].
- STEP 4: Select the [NEC SV9500 PCPro], and click the [Uninstall].

1.2.2 In Case RDF File is Distributed

If an RDF file have been distributed from the server, the file must be deleted.

The following describes how to uninstall an RDF file based on Windows 7.

- STEP 1: Log on to a client PC.
- STEP 2: Delete the distributed RDF files.

The RDF file has been deleted.

1.2.3 In Case MSI File is Distributed

If the MSI file has been distributed from the server, an RDP file must be deleted.

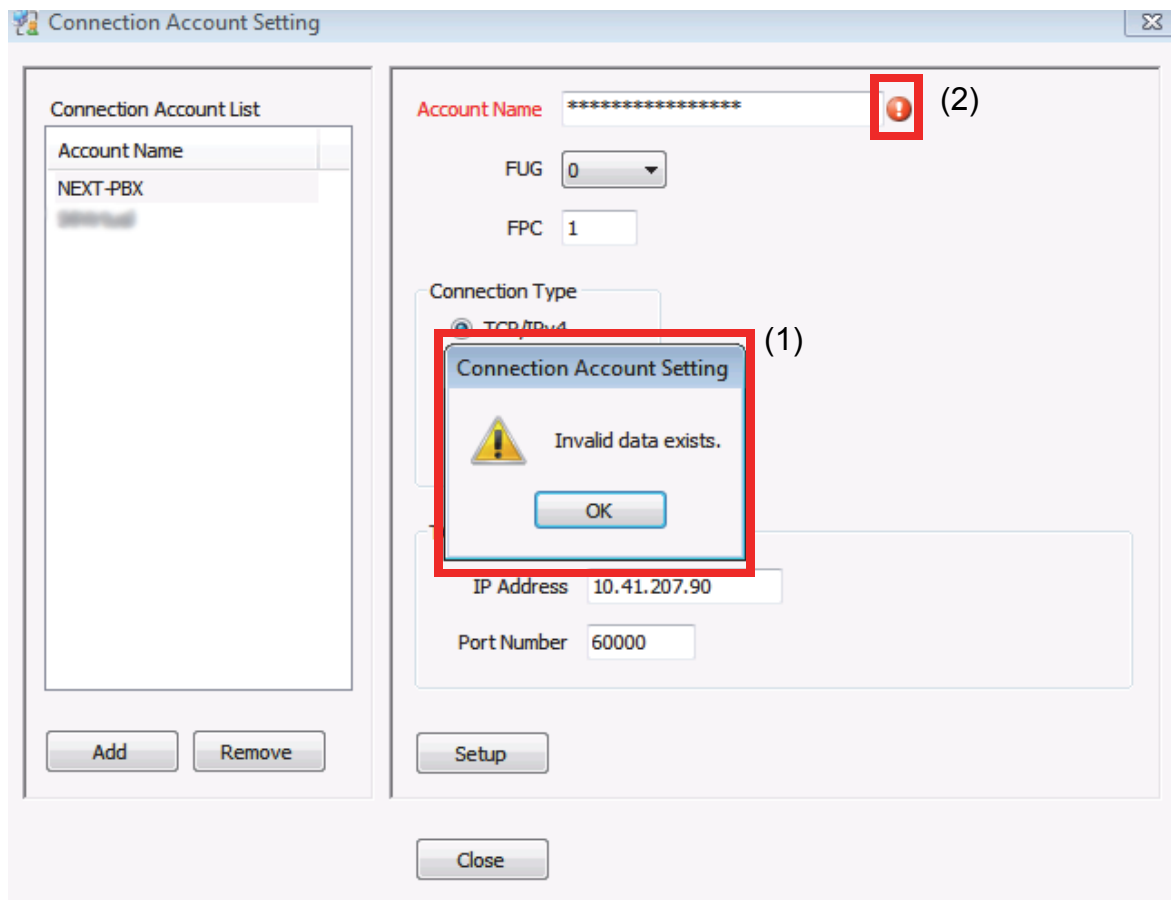
The following describes how to uninstall a MSI file based on Windows 7.

- STEP 1: Log in to a client PC.
- STEP 2: Click the Windows [Start] menu, and select the [Control Panel].
- STEP 3: Click the [Programs and Features].
- STEP 4: Select the [NEC SV9500 PCPro], and click the [Uninstall].

RDP file has been uninstalled.

2. PCPro Error Message List

Error Message Dialog



No.	Item	Description
(1)	Error message dialog	Displayed when an error occurred while operating PCPro.
(2)	Error provider icon	Displayed beside the parameter if an illegal data is entered. The error reason can be displayed by pointing on the icon with the mouse pointer. Note 1, Note 2

Note 1: The parameter name on which an illegal data is assigned is displayed in red.

Note 2: The error reason hides when clicking on the icon. In this case, the error reason may not be displayed again even if pointing on the icon.

The following table show the error messages and its cause when PCPro is starting.

Error Message	Description	Solutions
Failed to process the activation. Will quit the application.	Displayed when PCPro is failed to start.	<ul style="list-style-type: none"> • Re-start PCPro after a while. • Be sure that you have a right to access to under the install directory or VirtualStore. • Re-install PCPro.
PCPro has been installed with Administrator mode. It cannot be started with Standard User rights.	Displayed when PCPro is tried to be started by Standard User right while PCPro has been installed with Administrator mode.	Start PCPro with the Administrator right.
PCPro has been installed with Standard User mode. It cannot be started with Administrative rights.	<ul style="list-style-type: none"> • Displayed when PCPro is tried to be started by Administrator right while PCPro has been installed with Standard User mode. 	Start PCPro by Standard User right.
Cannot start PCPro because UAC is disabled or authority is missing.	Displayed when PCPro is failed to start due to an insufficient authority.	<ul style="list-style-type: none"> • Be sure that UAC is enabled. • Be sure that you have a right to access to under the install directory or VirtualStore.
Invalid MAT version. Will quit the application.	Displayed when the version is invalid.	<ul style="list-style-type: none"> • Be sure if an invalid application that cannot be coexist with PCPro has been installed. • Re-install PCPro.
Failed to load the Connection Account data.	Displayed when you fail to access the connection account data.	<ul style="list-style-type: none"> • Re-start PCPro after a while. • Be sure that you have a right to access to the install directory. • When you use PCPro with the Standard User right, be sure if you have right to access the VirtualStore. • Re-install PCPro.

The cause of error messages displayed on PCPro are described:

Menu	Sub Menu
File	Exit
System	Connect
	Disconnect
	Connection Account Setting
	Activate
User	User Account Setting
	Password Change
	Login Grade Setting

2.1 Exit

Error Message	Description	Solutions
Few commands did not finish. Please close the command being executed.	Displayed when any of the following commands are existing. <ul style="list-style-type: none"> A command that communicates with the system. A command that displays a dialog such as an error message. 	Exit PCPro again after performing the following action. <ul style="list-style-type: none"> If there are command that communicates with the system, wait until the communication finishes. Close the message dialog.
Failed to terminate the data collection. Please retry.	Displayed when it failed to terminate the data collection (Alarm/Traffic).	Wait for a while and exit PCPro again.
QuickPro is running. Please close QuickPro.	Displayed when QuickPro is activated.	Exit QuickPro first and try again. If QuickPro is still executing, wait for the process to complete, exit QuickPro first and try again.

2.2 Connect

Error Message	Description	Solutions
Connection Account is not assigned. Please assign the Connection Account.	Displayed when the connection account is not assigned. Click [OK] button to display the [Connection Account Setting] window.	Assign the connection account in the [Connection Account Setting] window.
Specified Connection Account is already connected with this terminal.	Displayed when you click the [Connect] button, multiple PCPro have already been connected on the same device.	Use PCPro already connected if you want to use PCPro connected with the same connection account. Specify other connection account and connect again if you want to connect PCPro with a different connection account.
Connection towards the system has failed.	Displayed when it failed to connect to the selected connection account.	Confirm that the system is available for connection. Note 1
It failed in the connection with system. User ID or Password is invalid.	Displayed when it failed to log in with the incorrect User ID or Password.	Use the correct User ID or Password.
Failed to load the Connection Account data.	Displayed when it failed to load the connection account data.	<ul style="list-style-type: none"> Confirm that the access authority for the directory which PCPro is installed is set properly. When you use PCPro with the Standard User right, be sure if you have right to access the VirtualStore.
QuickPro is running. Please close QuickPro.	Displayed when QuickPro is activated.	Exit QuickPro first and try again. If QuickPro is still executing, wait for the process to complete, exit QuickPro first and try again.

Note 1: See “Chapter 4 Fault Repair Procedures” - “1.2 LAN/WAN Communication Fault” in the Operations and Maintenance Manual.

2.3 Disconnect

Error Message	Description	Solutions
Few commands did not finish. Please close the command being executed.	Displayed when any of the following commands are existing. <ul style="list-style-type: none"> • A command that communicates with the system. • A command that displays a dialog such as an error message. 	Exit PCPro again after performing the following action. <ul style="list-style-type: none"> • If there are command that communicates with the system, wait until the communication finishes. • Close the message dialog.
Failed to terminate the data collection. Please retry.	Displayed when it failed to terminate the data collection (Alarm/Traffic).	Wait for a while and Disconnect PCPro again.
QuickPro is running. Please close QuickPro.	Displayed when QuickPro is activated.	Exit QuickPro first and try again. If QuickPro is still executing, wait for the process to complete, exit QuickPro first and try again.

2.4 Connection Account Setting

- Error Message

Error Message	Description	Solutions
Failed to load the Connection Account data.	Displayed when it failed to load the connection account data.	<ul style="list-style-type: none"> • Confirm that the access authority for the directory which PCPro is installed is set properly. • When you use PCPro with the Standard User right, be sure if you have right to access the VirtualStore.
Invalid data exists.	Displayed when pressing the [Setup] button to set an invalid data.	Check the invalid data with an error provider indication and correct the data.
Data assignment failed.	Displayed when it failed to set the connection account data.	<ul style="list-style-type: none"> • Confirm that the access authority of the directory which PCPro is installed is set properly. • When you use PCPro with the Standard User right, be sure if you have right to access the VirtualStore.
Data deletion failed.	Displayed when it failed to delete the connection account data.	<ul style="list-style-type: none"> • Confirm that the access authority of the directory which PCPro is installed is set properly. • When you use PCPro with the Standard User right, be sure if you have right to access the VirtualStore.

Error Message	Description	Solutions
Data cannot be updated because the specified Connection Account is already connected with this terminal.	Displayed when you try to update the connection account data that is being connected.	Try it again after disconnecting PCPro and the connection account data to be updated.
Data cannot be removed because the specified Connection Account is already connected with this terminal.	Displayed when you try to remove the connection account data that is being connected.	Try it again after disconnecting PCPro and the connection account data to be deleted.

- Invalid contents displayed on an error provider

Invalid Content	Description	Solutions
Null	Displayed when nothing is entered in any parameter.	Enter the data.
Restricted characters	Displayed when restricted characters are entered in any parameter restricting the characters.	Check the restricted characters and enter again with appropriate characters. Note 1
Registered	Displayed when already registered characters are entered in the [Account Name] parameter.	The entered account name has already been registered. Modify the account name if you want to register a new account.
Out-of-range	Displayed when an out-of-range value is entered in the numerical parameter.	Check the out-of-range value and enter again with appropriate value with in the range. Note 1
Invalid format	Displayed when an IP address is entered in the [IP Address] parameter with invalid format.	Enter again with a proper format for IP address.

Note 1: See [Connection Account Setting](#) for more details.

2.5 Activate

Error Message	Description	Solutions
Connection Account is not assigned. Please assign the Connection Account.	Displayed when a connection account has not been registered. When you click [OK] button, Connection Account Setting window appears.	Register a connection account on a Connection Account Setting.
Specified Connection Account is already connected with this terminal.	Displayed when you click the [Execute] button, multiple PCPro have already been connected with the same device.	If you want to operate for the specified Connection Account, use PCPro that has already been connected. If you want to operate for the other account, specify the Connection Account again, and click the [Execute] button.
Connection towards the system has failed.	Displayed when the communication with the selected connection account is failed.	Confirm if the communication with the system is available.
Failed to load the Connection Account data.	Displayed when the reading of the connection account data is failed.	<ul style="list-style-type: none"> Confirm if you have right to access under an install directory for PCPro. When you use PCPro with the Standard User right, be sure if you have right to access the VirtualStore.
Few commands did not finish. Please close the command being executed.	Displayed when any of the following commands are existing. <ul style="list-style-type: none"> A command that communicates with the system. A command that displays a dialog such as an error message. 	Exit PCPro again after performing the following action. <ul style="list-style-type: none"> If there are command that communicates with the system, wait until the communication finishes. Close the message dialog.
Disconnected from the system. Please restart the command.	Displayed when the communication with the system disconnects.	Re-connect PCPro and the system, and perform the activation again.

2.6 User Account Setting

Error Message	Description	Solutions
Failed to load the User Account data.	Displayed when it failed to load the user account data.	Check the connection status. If no problem was found in the connection status, wait for a while and try again.
Invalid data exists.	Displayed when pressing the [Setup] button to set an invalid data.	Check the invalid data with an error provider indication and correct the data.
Data assignment failed.	Displayed when it failed to set the user account data.	Check the connection status. If no problem was found in the connection status, wait for a while and try again.
Data deletion failed.	Displayed when it failed to delete the user account data.	Check the connection status. If no problem was found in the connection status, wait for a while and try again.

Error Message	Description	Solutions
Input user ID is registered in LDM of following FPC.	Displayed when the input user ID is already registered in LDM of the node within the FCCS network.	Delete the account of the node already in use and try again, or register as an account with other user ID.

- Invalid contents displayed on an error provider

Invalid Content	Description	Solutions
Null	Displayed when nothing is entered in any parameter.	Enter the data.
Restricted characters	Displayed when restricted characters are entered in any parameter restricting the characters.	Check the restricted characters and enter again with appropriate characters. Note 1
Full character space	Displayed when it is only spaces entered in the user ID parameter.	Enter again with appropriate characters. Note 1
Mismatched	Displayed when the password entered in the [Password Confirmation] parameter is mismatched with that of the [Password] parameter.	Confirm your password and enter the proper password in both of the [Password] and the [Password Confirmation] parameter again.
Registered	Displayed when the input user ID exists in the user account list, or the input user ID is already registered in the node within the FCCS network.	Delete the account of the node already in use and try again, or register as an account with other user ID.

Note 1: See [Activate](#) for more details.

2.7 Password Change

- Error Message

Error Message	Description	Solutions
Invalid data exists.	Displayed when pressing the [Change] button to set an invalid data.	Check the invalid data with an error provider indication and correct the data.
Failed to change the Password.	Displayed when it failed to change the password.	Check the connection status.

- Invalid contents displayed on an error provider

Invalid Content	Description	Solutions
Null	Displayed when nothing is entered in any parameter.	Enter the data.
Restricted characters	Displayed when restricted characters are entered in any parameter restricting the characters.	Check the restricted characters and enter again with appropriate characters. Note 1

Invalid Content	Description	Solutions
Mismatched	Displayed when the password entered in the [Current Password] parameter is mismatched with one specified when connecting to the system.	Enter the current password properly.
	Displayed when the password entered in the [New Password Confirmation] parameter is mismatched with that of the [New Password] parameter.	Confirm your new password and enter the new password in both of the [New Password] and the [New Password Confirmation] parameter properly.
Unmodified	Displayed when the password same as the current password is entered in the [New Password] parameter.	Enter a new password which does not match the current password if you want to change your password.

Note 1: See [How to Change Password](#) for more details.

2.8 Login Grade Setting

Error Message	Description	Solutions
Failed to load the Login Grade data.	Displayed when it failed to load the login grade data.	Check the connection status.
Executable Command has not been selected.	Displayed when pressing the [Setup] button while the executable command not selected.	Select more than one executable command.
Data assignment failed.	Displayed when it failed to set the login grade data.	Check the connection status. If no problem was found in the connection status, wait for a while and try again.
Data deletion failed.	Displayed when it failed to delete the login grade data.	Check the connection status. If no problem was found in the connection status, wait for a while and try again.

UNIVERGE SV9500
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Revision Sheet

V5:DATE OCTOBER,2017

CHAPTER 2

6,7,9

CHAPTER 6

76

CHAPTER 7

83,90,97,98,99,115,116,117,140,
143,144,145,147,148,149,154

V4:DATE JULY,2017

CHAPTER 2

7

CHAPTER 4

39,44,45

CHAPTER 7

112,141,142,143,146

V4:DATE MARCH,2017

CHAPTER 2

6,7

CHAPTER 3

13

CHAPTER 6

74

CHAPTER 7

138,139,140,143

V4:DATE OCTOBER,2016

CHAPTER 2

7, 11

CHAPTER 7

112, 136, 137, 138, 139, 140,
141, 142, 143

V3:DATE APRIL,2016

CHAPTER 1

2

CHAPTER 2

6, 7, 8, 9

CHAPTER 3

13, 24

CHAPTER 6

74

CHAPTER 7

81, 112, 136, 137, 138, 139,
140, 141, 142, 143

APPENDIX

6

V2:DATE MARCH,2015

CHAPTER 1

3

CHAPTER 2

5, 6, 7, 8, 9, 10

CHAPTER 3

13, 16, 17, 23, 24, 25, 26, 27,
28, 29, 33, 34, 35, 36

CHAPTER 4

39, 40, 41, 42, 43, 44, 45, 49

CHAPTER 5

58, 64

CHAPTER 6

67, 68, 69, 70, 73, 74, 75

CHAPTER 7

79, 80, 81, 82, 85, 86, 91, 92,
94, 96, 104, 106, 108, 109, 110,
111, 112, 117, 132, 133, 134,

135, 136, 137, 138, 139, 140,
141, 142, 143

APPENDIX

3, 6, 7, 9