

Impact Document

Id: CX7.0 MP1.0

Product Family: Base Stations

Product: UltraSite EDGE BTS

Release: CX7.0

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Contact:

Contact your local Nokia Siemens Networks support

Summary of changes:

29/10/2009	2-1	First Version CX7.0 MP1.0



1. PURPOSE

The purpose of this document is to describe the effects and impacts that activation of this BTS Software Maintenance Package (MP) will have on the customer's network and how any new and changed functionalities will impact the operator and the end user.

2. SW UPDATE DELIVERY EFFECT

This CX7.0 MP1.0 BTS software change delivery contains:

- 13 corrections

CX7.0 MP1.0 can be background downloaded to the BCF prior to activation. Activation of the BTS software will cause momentary loss of service in the serving cells as the BCF will be reset. Normal operation will be resumed upon completion.

3. EFFECTS ON END USER

The effects and impact of this MP activation in the network will be transparent to the end user.

4. EFFECTS ON OPERATOR

4.1 Operation & Maintenance

UltraSite EDGE BTS Operation & Maintenance is improved by nine corrections

- 1924CNESPE07 TRX Test shows invalid behaviour when IDD is enabled on site (10548ESPE07)
- 1926CNESPE07 TRX Test fails on some of the time-slots in IDD-Ultra with RF Hopping enabled. (5938C02)
- 1997CNESPE07 Alarm 7606 TRX faulty-"BOI detected that connection to TRX is lost" gets reported for working TRX. (10551ESPE06, NA04428838)
- 2070CNESPE07 TRX are going to Blocked TRX after enabling Antenna Hopping. (NA04491681)
- 2867CNESPE06 BTS sends STATE CHANGE message for the faulty TRX. (10470ESPE07)
- 2921CNESPE06 Incorrect RX DIV cabling defined for the 6+6(4:1) configuration in the configuration wizard (5139C01)
- 3019CNESPE06 FBUS Hardware failure (10751ESPE06)
- 3132CNESPE06 UltraSite BTS not passing transmission alarms (NA04439425)
- 3134CNESPE06 Non-EDGE TSPA 1900 radios possible incompatibility with new SW load (NA04543654)



4.2 Telecom

UltraSite EDGE BTS Telecom is improved by four corrections

- 1838CNESPE07 Repeated TAC in AHS calls when A-bis link is disturbed on GSM hardware. (3035C01)
- 1863CNESPE07 MOS value is lower in Ater interface (11386ESPE07, NA04511287, NA04539154)
- 3179CNESPE06 BCCH Transmission fluctuates (22618ESPE05)
- 3193CNESPE06 Voice quality issues on several BSCs after new BTS sw load (NA04538392, NA04571961, NA04577966)
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5. OTHER EFFECTS

The following Product Documents are updated with this change delivery:

DN05168243 Trouble Management of Nokia UltraSite EDGE BTS SW CX7

DN04195938 Software Compatibility of UltraSite EDGE BTS

DN04195135 Feature Descriptions for UltraSite EDGE Base Station

6. NEW / CHANGED FUNCTIONALITY

- None

7. APPENDICES / REFERENCES



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