

# **Cleaning 32-bit code for IA-64**

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**Guest Speakers**

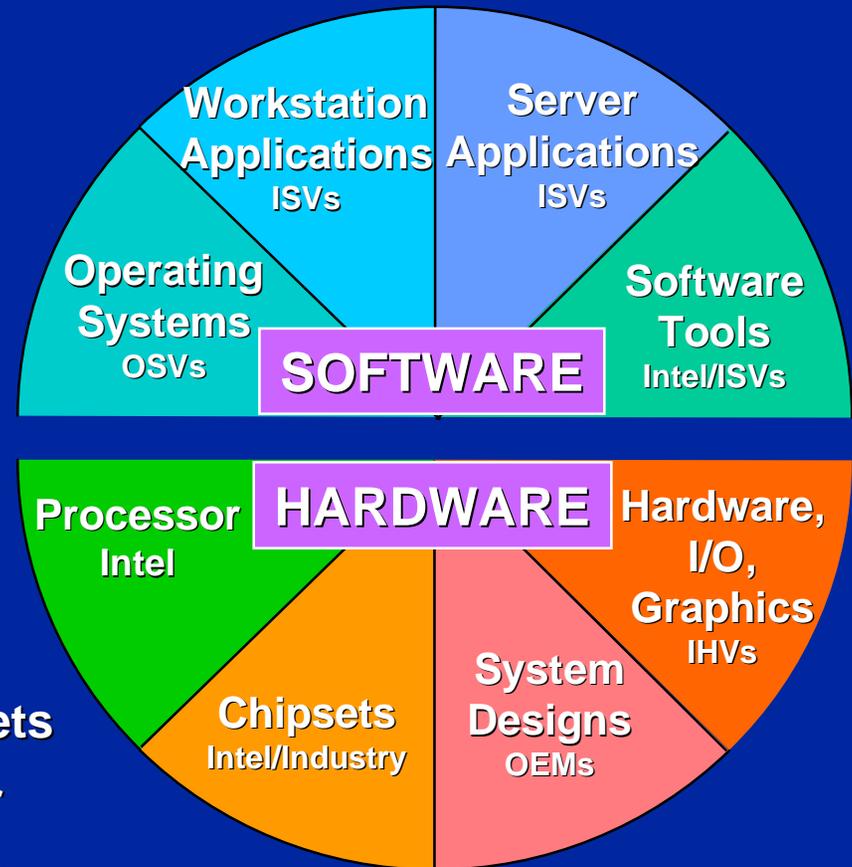
**Oscar Newkerk - Microsoft**

**Dave Prosser - SCO**

**Ahmed Chibib - IBM**

# Merced: Focus on Complete Solutions

- **Hardware Development Aligned**
  - Processor design on track
  - Chipset components taping out
  - Key IHVs engaged
- **OEM Designs Progressing**
  - Over 30 server and workstation designs meeting milestones
  - System schematics finalized
- **Software Progress on All Fronts**
  - Compiler hitting performance targets
  - Multiple OS's booting on simulator
  - Multiple apps running on simulator



***Complete solutions available starting 2H '00***

# Software Program Deliverables

- **Tools reduce ISV effort, TTM**
  - Choice of leading compilers, libraries, tools
  - Comprehensive pre-silicon software development environment
- **Optimized high end OS's**
  - Production quality IBM/SCO Monterey, Win64, Modesto, Linux, HP-UX, IRIX, Solaris, Bravo
  - Concurrent with Merced system availability
- **Production ready applications**
  - Industry leaders committed to availability concurrent with Merced systems
  - IA-32 compatibility instantly enables broad software base

Server Software					Workstation Software			
OLTP	E-Business	VLDB	Data Warehouse		MCAD	DCC	EDA	Finance

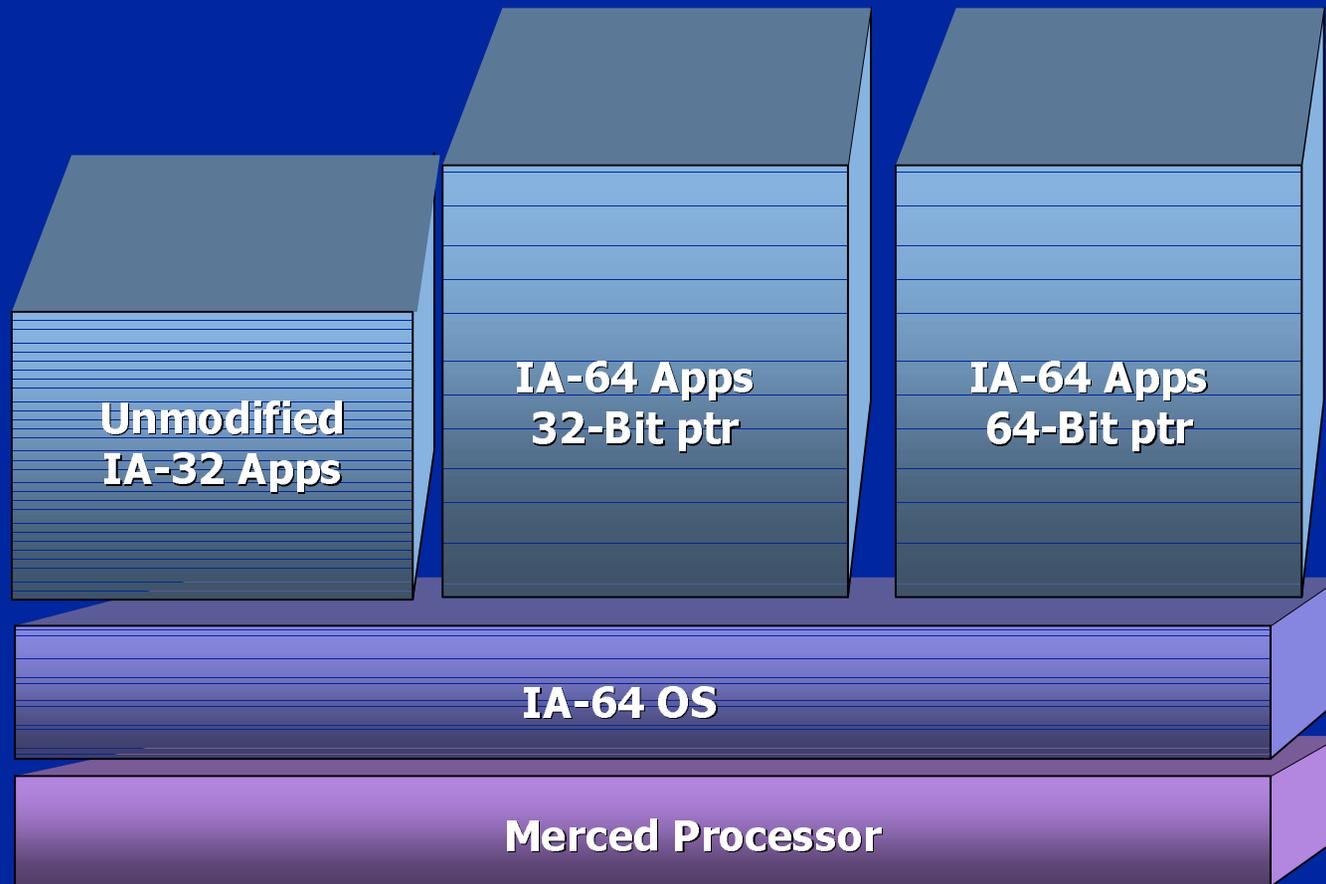


# OS's Targeted for IA-64

- Microsoft - Win64
- IBM/SCO - Monterey
- Compaq - Bravo
- Sunsoft - Solaris
- SGI - IRIX
- Novell - Modesto
- HP - HP-UX
- Linux

*Choice of end user preferred OS's*

# IA-64 Software Model

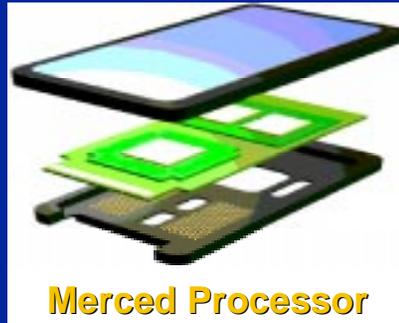


*IA-64 Software Model provides development flexibility*

# Call to Action

- **Download 64-bit Transition Tools**
  - Start now to get ready for IA-64
- **Use tools to identify in-house and third party dependencies that need to be 64-bit**
- **Get dependencies ready for 64-bit**

# Unprecedented Industry Commitment



AST Bull					ALTech	
Compaq					Ariba	
Data General					Baan	
Dell	Fujitsu				Adobe	IBM
					Avid	Informix
					Cadence	Microsoft
Gateway	Hewlett Packard	American Arium	Compaq	EPC	MacNeal	Nuance
Hitachi	IBM	AMI	Hewlett Packard	Hummingbird	Schwendler	Open Market
ICL			Microsoft	IBM	Mental Images	Oracle
NCR	NEC	Evans & Sutherland	Novell	MetaWare	Mentor Graphics	PeopleSoft
	Silicon Graphics	Phoenix	IBM/SCO	NAG	Parametric	SAP
Sequent			Silicon Graphics	PGI	Softimage	SAS
Siemens	Unisys	3D-Labs	Sun	SCO	Synopsys	Torrent
IA and RISC OEMs			Operating System Vendors	Sun	Workstation Software Vendors	Enterprise Software Vendors
		Third Party Vendors		Software Tools & Inf. Vendors		

***Make sure your plans include Merced / IA-64***

