hp e3000 product and
tools
roadmap update

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solutions symposium

program benefits for every hp e3000 customer

	corporate and enterprise accounts	mid market customers	small/medium businesses
services	hp consulting services hp outsourcing services		platinum program (NA) preferred partners (Europe)
programs and incentives	hardware, software, and support offerings		
	special financing		
	education and training		
products	product roadmaps		
	database strategy		
	tools		

roadmap questions we have heard

- Is HP on target with the Roadmap that was communicated in November?
  - Are there any changes?
  - SIB Results?

- What tools are available to help me with migration needs?
- Are there plans for an Image-like product on other HP platforms?

- What will the product supply chain look like beyond 2003?
- What if I cannot complete a migration beyond 2006?
- How do I stay up-to-date with the latest information?

agenda

- product roadmap —
  update since november

- tools update

- future planning —
  beyond 2004
  add-on products, support, etc.

r&d roadmap : review of last 12 months

mpe/iX 7.0

- released on 3/23/01
- 2 new server families: the a-class and n-class; PCI IO & NW
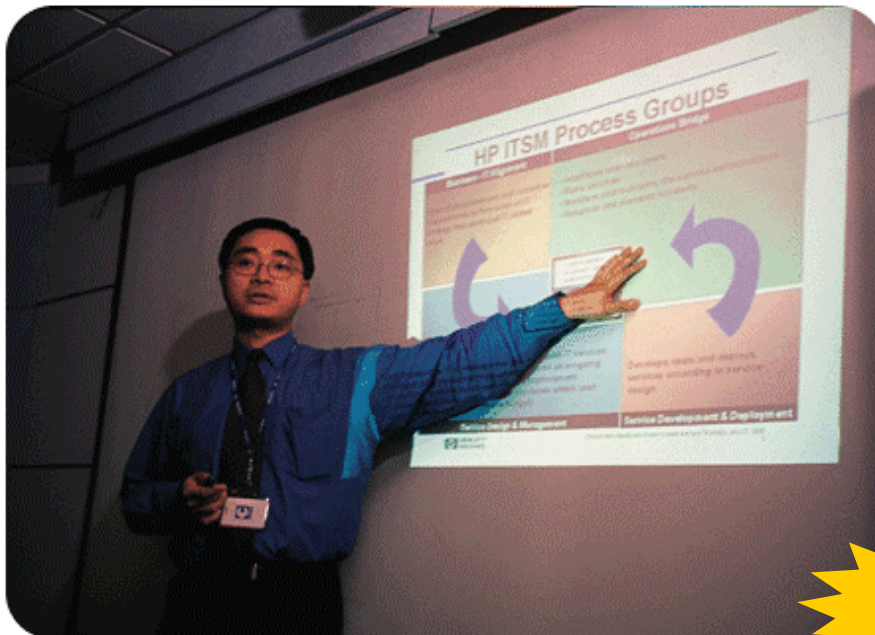
mpe/iX 7.0 express 1
released on 9/10/01

- support for multi processor a- and n-class (a500,n4000)
- 8 GB of supported memory on a500, 16GB on n4000
- performance and capacity improvements

mpe/iX 6.5 power patch 3

- released on 1/18/02
- support release
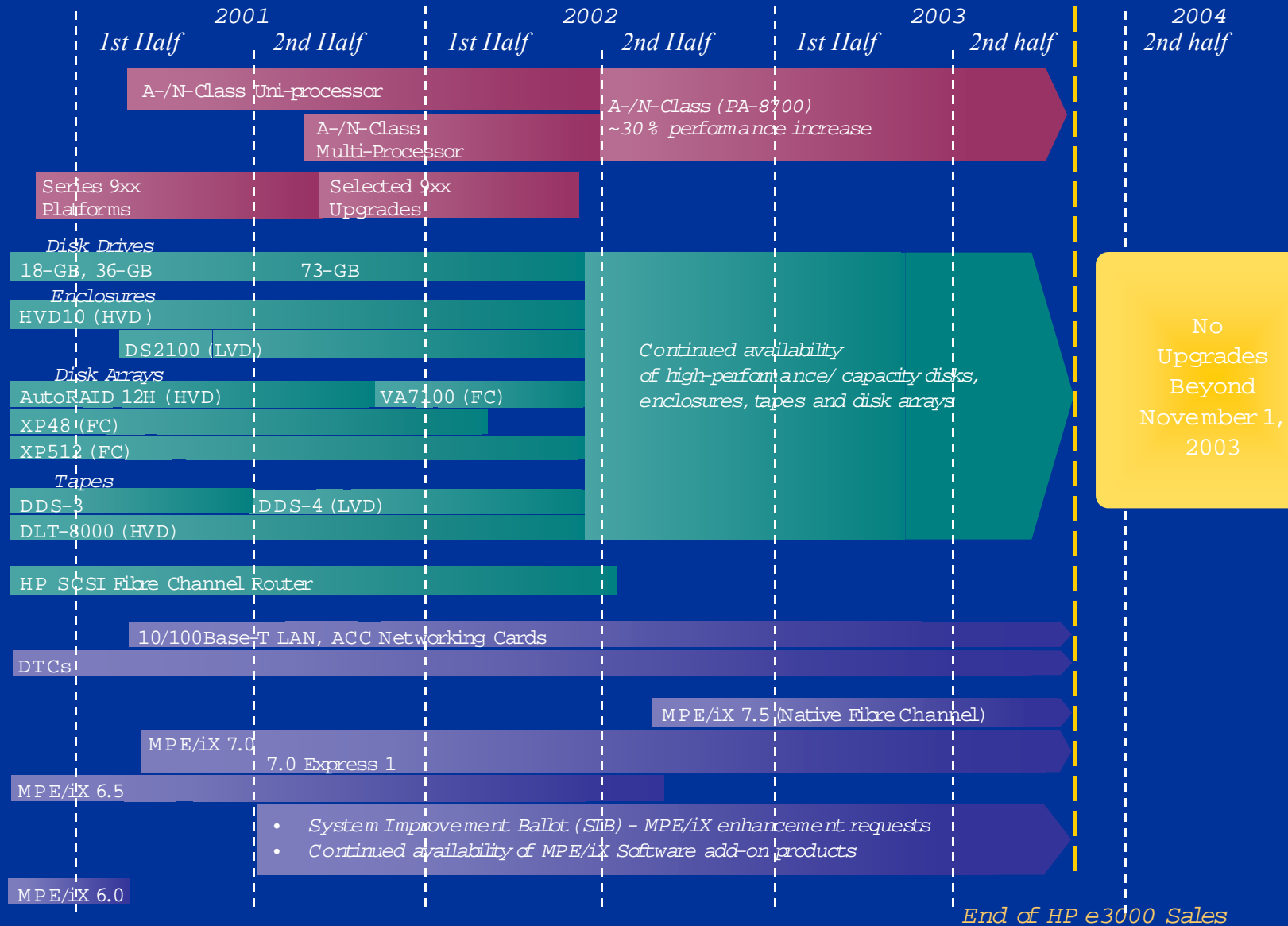- internet update
- networking improvements

status of mpe/ix 7.5 release:
on target for 2H'2002

- pa 8700 a-class & n-class (~30% performance increase)

- native fiber channel support
  - 2 GB card support
  - va 7100 support through NFC

- internet
  - webwise in FOS (SIB)
  - sendmail in FOS (SIB)

- database
  - large file dataset (SIB)
  - turboimage scalability II (SIB)

- kernel / file system
  - user logging limit increase
  - PLFD expansion
  - :Shutdown CI Command (SIB)
  - >4 GB LDEV1 Support (SIB)

new

hp e3000 roadmap

	2001		2002		2003		2004
	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd half	2nd half

A-/N-Class Uni-processor

A-/N-Class (PA-8700)
~30% performance increase

A-/N-Class
Multi-Processor

Series 9xx
Platforms

Selected 9xx
Upgrades

Disk Drives
18-GB, 36-GB   73-GB

Enclosures
HVD10 (HVD)

DS2100 (LVD)

Disk Arrays
AutoRAID 12H (HVD)   VA7100 (FC)

XP48 (FC)

XP512 (FC)

Tapes
DDS-3   DDS-4 (LVD)

DLT-8000 (HVD)

Continued availability
of high-performance/ capacity disks,
enclosures, tapes and disk arrays

No
Upgrades
Beyond
November 1,
2003

HP SCSI Fibre Channel Router

10/100Base-T LAN, ACC Networking Cards

DTCs

MPE/iX 7.5 (Native Fibre Channel)

MPE/iX 7.0

7.0 Express 1

MPE/iX 6.5

- System Improvement Ballot (SIB) – MPE/iX enhancement requests
- Continued availability of MPE/iX Software add-on products

MPE/iX 6.0

End of HP e3000 Sales

r&d roadmap update: what's new

peripheral updates

new

- **tape array 5300 shipping**

- **disc enclosure 2300 mid-2002**

new

- **pending: Ultrium**

migration tools update

- what are some of the tools I may need?

- where can I get additional information? how do I obtain these tools?

- what is available if I am interested in an IMAGE-like product on HP platforms?

simulation/re-engineering tools coverage

most common environment	simulation space	re-engineering space	end-to-end tools*	example tools*
User I/F (Vplus)	**VPLUS replacement**	**VB, Java, XML, ...**		**Screenjet Wingspan**
Application Environment (Cobol, Intrinsics, JCL/CI, F/S)	Support: MPE intrinsics library & shell commands, MPE filename support, JCL/CI, Utilities (batch, spooler, systems mgmt)	Native System Function Calls & APIs, Perl/Shell Scripts, Native F/S Access	**BiTech Denkart Neartek Transoft**	
	Cobol replacement	**Cobol repl. or C++, Java, ...**		**AcuCorp LegacyJ MicroFocus**
Database (Image)	Image replacement Image APIs to RDBs Native RDBs	Native RDBs (Oracle, SQL-Server)		**HP Eloquence SQL_Server & Oracle w/APIs (DISC, iMaxSoft)**
	Data Movement	**Data Movement (Image -> RDB)**		**Quest/Taurus, VitalSoft, Robelle**

*See Tools Matrix for more info

...and tools to cover other areas

other environments	re-engineering tools (examples)	simulation tools (examples)
Speedware, Cognos, Transact ...	**Speedware, Cognos, VB, Java, XML, ...**	**Speedware, Cognos**
Application Environment (C, Fortran, Pascal, Basic, RPG, SPL ...)	**C++, Java, VB, SPL/UX, ...**	**Speedware, Cognos, AD Technology, Allegro, Richter SW, ...**
Database (Allbase)	**Native RDBMS (Oracle, SQL-Server, ...)** **Data Movement & Data Access (Quest/Taurus, MB Foster, VitalSoft, Robelle WRQ, Willow, DISC,...)**	

IMAGE alternatives as you migrate

new

hp eloquence — an IMAGE alternative

- evaluated by partner focus group & HP (SigSoftVend sponsorship)
- technically endorsed by SIGImage
- successful and well-regarded migration product in HP 250-260 installed base
- being actively enhanced to add TurboIMAGE capabilities
- working with Partners on integrated tools strategy
- lightweight infrastructure today; evaluating a more robust model
- Maintained, sold, & distributed through an ongoing HP relationship with Marxmeier
- see talk Thursday (Michael Marxmeier)

- wrappers (Oracle, SQLServer)
  - Disc OmniAccess
  - iMaxSoft

hp eloquence delivers

- database integrity
  - physical and logical consistency

- database scalability
  - suitable for small/medium business requirements

- database compatibility
  - compatible intrinsics, modes and utilities

- available on
  - HP-UX
  - Windows NT
  - HP Linux

HP e3000 Transition Tools Partner Matrix
March 2002

Partner	Coverages	Distribution Model
AcuCorp	Languages, DB Access, Intrinsics, VPLUS, Development Env.	3rd Party Direct
AD Technologies	Data Migration (Cobol, Fortran, SPL, Image)	3rd Party Direct
Bradmark	Data Migration (DB)	3rd Party Direct
Cognos	4GL and DB Access	3rd Party Direct
Denkart	Data Migration, VPLUS, JCL, Intrinsics, Languages, MPE Utilities	Platinum Program
DISC	DB Access & APIs, Data Migration, JCL, Development Env (Cobol converters)	3rd Party Direct, Platinum Program
Envoy Technologies Inc	MPE Utilities	3rd Party Direct
eXegesys	VPLUS	3rd Party Direct
GUI Innovation Limited	Data Migration, MPE Utilities	3rd Party Direct
HP Eloquence	Image DB Replacement	3rd Party Direct
iMAXSoft	Data Migration (Image), MPE Utilities	3rd Party Direct
LegacyJ	VPLUS, Languages	3rd Party Direct
MB Foster	Data Migration (DB), MPE Utilities	3rd Party Direct, Platinum Program
Near Technolgoies (Neartek)	DB Access, Data Migration, VPLUS, JCL, Intrinsics, Languages, MPE Utilities	Platinum Program
Pixel Group	Data Migration (User I/Fs)	3rd Party Direct
Robelle	Data Migration, MPE Utilities, Development Env	3rd Party Direct
Robust Systems	VPLUS	3rd Party Direct
Screenjet Ltd	VPLUS	3rd Party Direct
Serena Software, Inc	Languages	3rd Party Direct
Speedware Corporation	DB Access, Data Migration, Development Env	3rd Party Direct, Platinum Program
SunGard Bi-Tech	Data Migration, VPLUS, Languages, Development Env	Platinum Program
Taurus (Quest)	Data Migration	3rd Party Direct, Platinum Program
Transoft	DB Access, Data Migration, VPLUS, JCL, Intrinsics, Languages, MPE Utilities	3rd Party Direct, Platinum Program
Vital Soft, Inc	Data Migration, MPE Utilities	3rd Party Direct
Whisper Technology	MPE Utilities, Development Env	3rd Party Direct
Willow Technology, Inc	Data Migration	3rd Party Direct
WRQ, Inc	Data Migration (DB), VPLUS	3rd Party Direct

transition tools & services matrices

visit HP website for latest transition partners program (tools & services matrixols & services matrix):

http://www.hp.com/go/e3000partners

- tools: click "hp e3000 transition tools partners"
- services: click "hp e3000 transition services partners"

answering your product availability questions: beyond 2003

- concerns about accommodating capacity & performance growth

- issues addressed /decisions made since november announcement
  - new support contracts will be written after 2003
  - A- and N-Class conversion kits available through 2006

- things we will likely not be able to address
  - extending DTC's, 3000 network card availability

- other possibilities:
  - Remarketed system value chain(Phoenix,HP Re-Mktg,…)

- www.hp.com/go/e3000 FAQ to stay in touch or ask questions on supply chain developments

new

customer situations we've heard

- can't complete replace, migrate, or rewrite process by 2006

- have not identified a replacement target platform/application that meets your business needs

- need to amortize investment over more than five years

- concerns about investment needed to rebuild 3000 IT infrastructure

- need for ongoing access to MPE-based systems to retrieve or recreate archival data after migration

next steps

- direct customer & partner discussions to ensure solutions successfully address key issues

- work with groups and partners that are actively providing feedback/suggestions, including Interex, OpenMPE, SigSoftVend

- provide updates at key forums, and through existing means:
  - www.hp.com/go/e3000
  - April, September: Solution Symposium, HP World
  - As news is available: Interex, 3000 News Wire, HP Advisor, SigSoftVend, OpenMPE, 3000-L, 3kworld.com, e-mail

summary

supporting your migration

- Facilitating Tools/Services
  - Platinum Program
  - Tools Matrices
  - HP Eloquence Evaluation
- R&D Roadmap Updates
- Education/Training
  - Webinars, White papers
  - Training Curriculum

next steps

- Continued Focus on Training, Tools, Services, Communication
- Add-on products after 2003
- Migration timeline

keeping you up-to-date:

- www.hp.com/go/e3000
- Solution Symposium, HP World
- Interex, News Wire, HP Advisor, SigSoftVend, OpenMPE, 3000-L, 3kworld.com, e-mail