

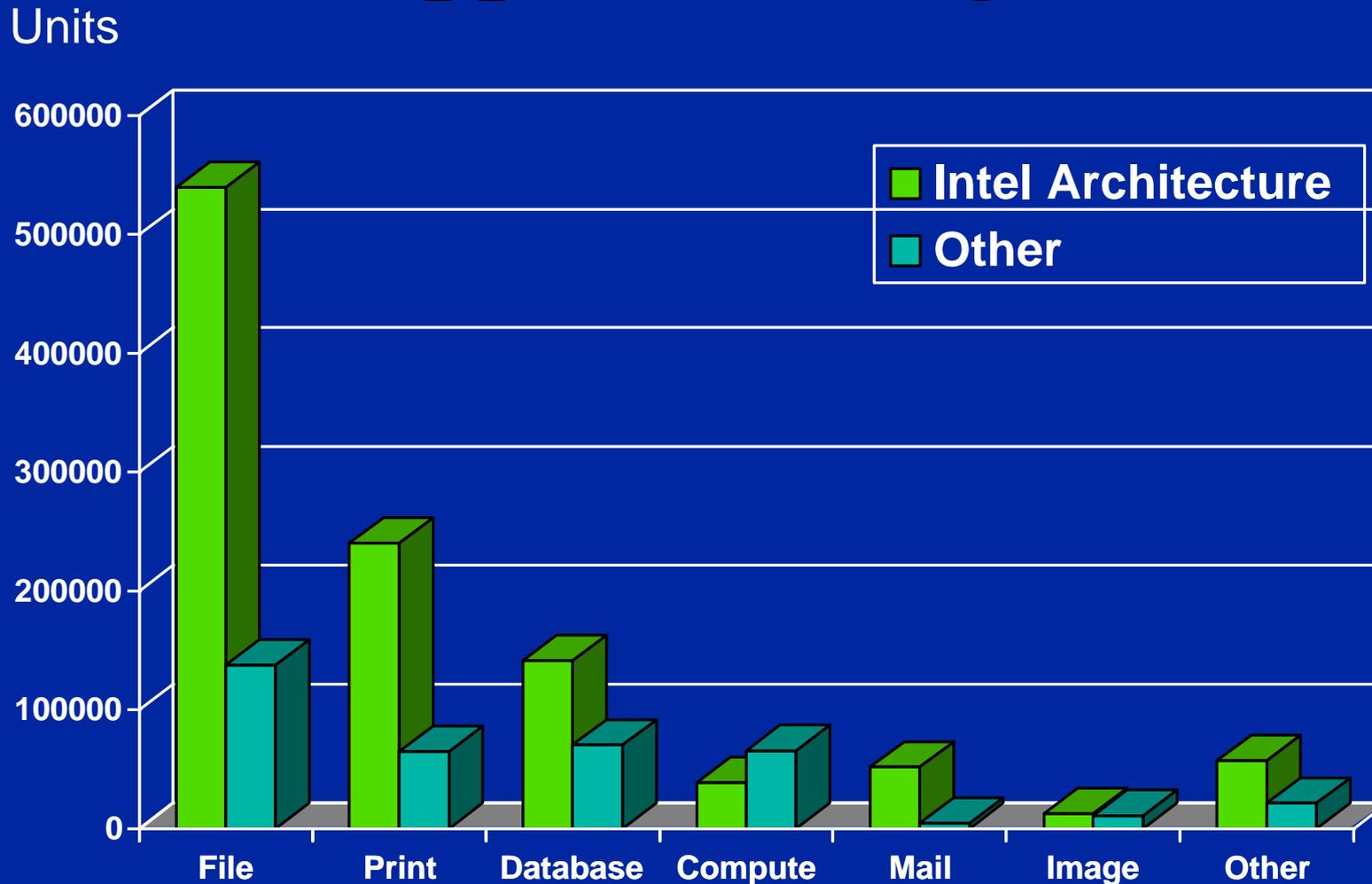
Entry Level and Midrange Servers

August 1996

Agenda

- **Server Market Segment Environment**
- **Server Solutions For Enterprise Needs**
- **Why Pentium® Pro processor for Servers?**

Intel Architecture Leads in Most Application Segments



Source: Dataquest, 6/95

Server Solutions for Enterprise Needs

- LAN Consolidation
- Client/Server Messaging
- Intranet

LAN Consolidation

- **Reduce the Number of Network Operating Systems (NOS)**
- **Replace with More Reliable Systems**
- **Centralize Management and Administration**
- **Improve Network Responsiveness**

Gain Control of the LAN

Client/Server Mail

Yesterday (File sharing email):

- Simple Store and Forward Paradigm
- Limited Data Types
- Idea Sharing Only
- Attachments

Today (New Messaging Technologies):

- Lotus Notes* v4.x
- Microsoft Exchange*
- Novell GroupWise*
- SMTP Mail

Needs Latest Server Technologies

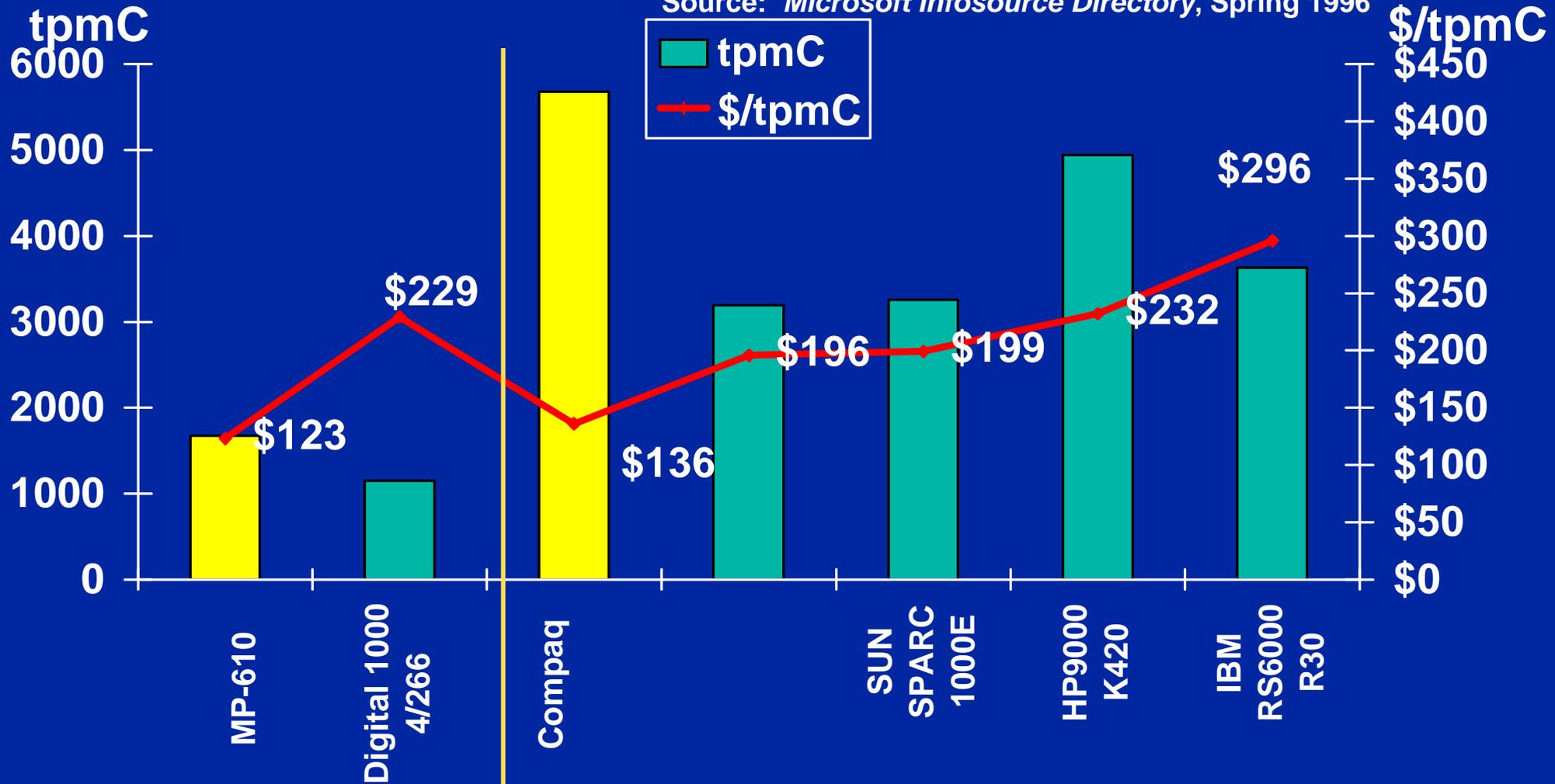
Why Intranet?

- **Anytime, Anywhere Global Access**
 - Better ties into Customers and Suppliers
 - All employees, local and remote
 - Collaboration spans OS, Site, Department, etc.
 - User access to Line of Business information
- **Information Management**
 - Better Faster Cheaper information dissemination
 - Intelligent search and filtering - tackle the Info Glut!
 - Reduce mail volumes (push to pull)
- **Standards Reduce Complexity and Cost**
 - Common User Interface

**But Requires Latest Server Hardware & Software
to Get the Most Benefits**

Superior System Level Performance with a Pentium® Pro Processor Server!

Source: Microsoft Infosource Directory, Spring 1996



of processors

1

1

4

3

8

4

8

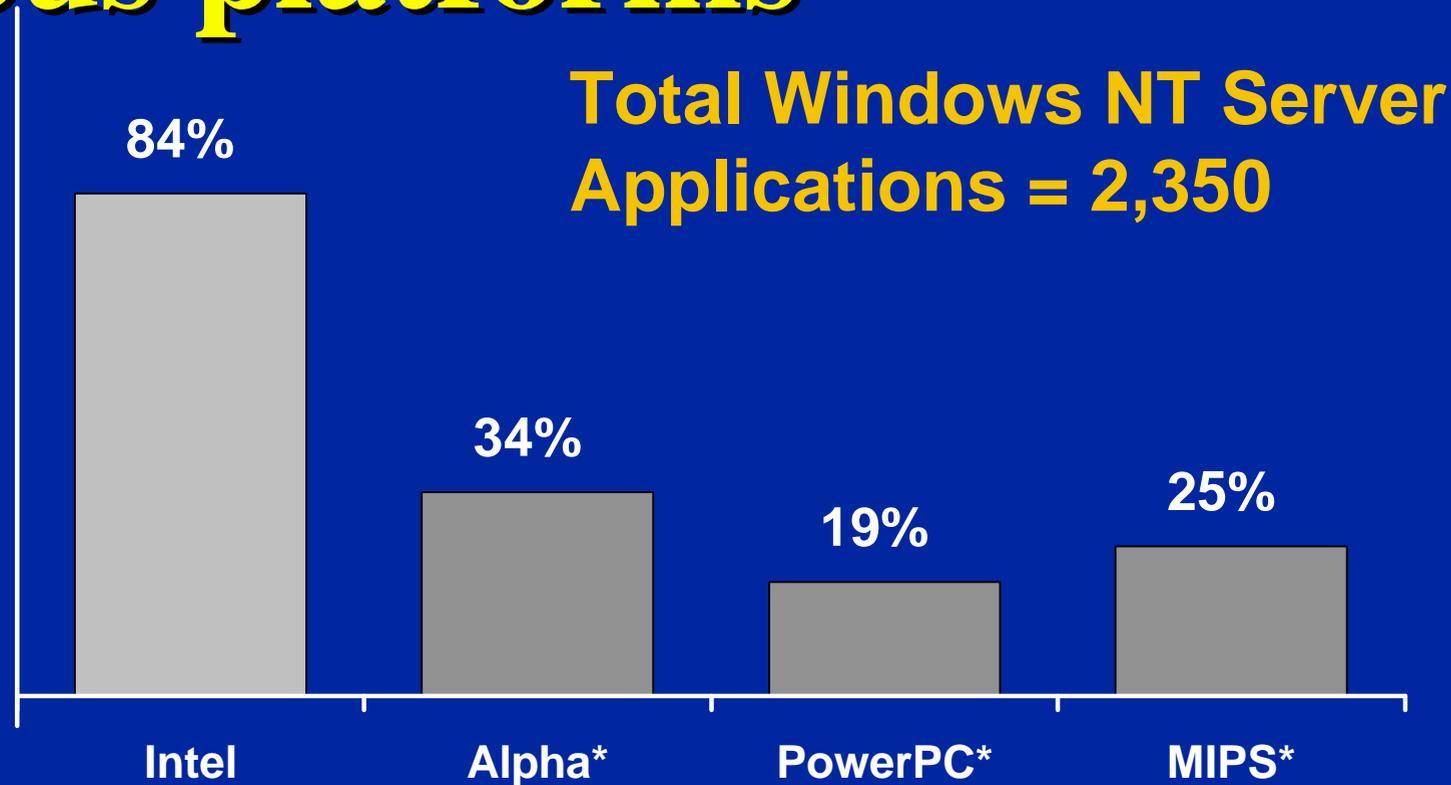


Uni-processor

Multi-Processors

*Other brands and names are the property of their respective owners.

Percentage of Windows NT* Server Applications that run on various platforms



Many more Windows NT Server Apps run on Intel Architecture than any other platform

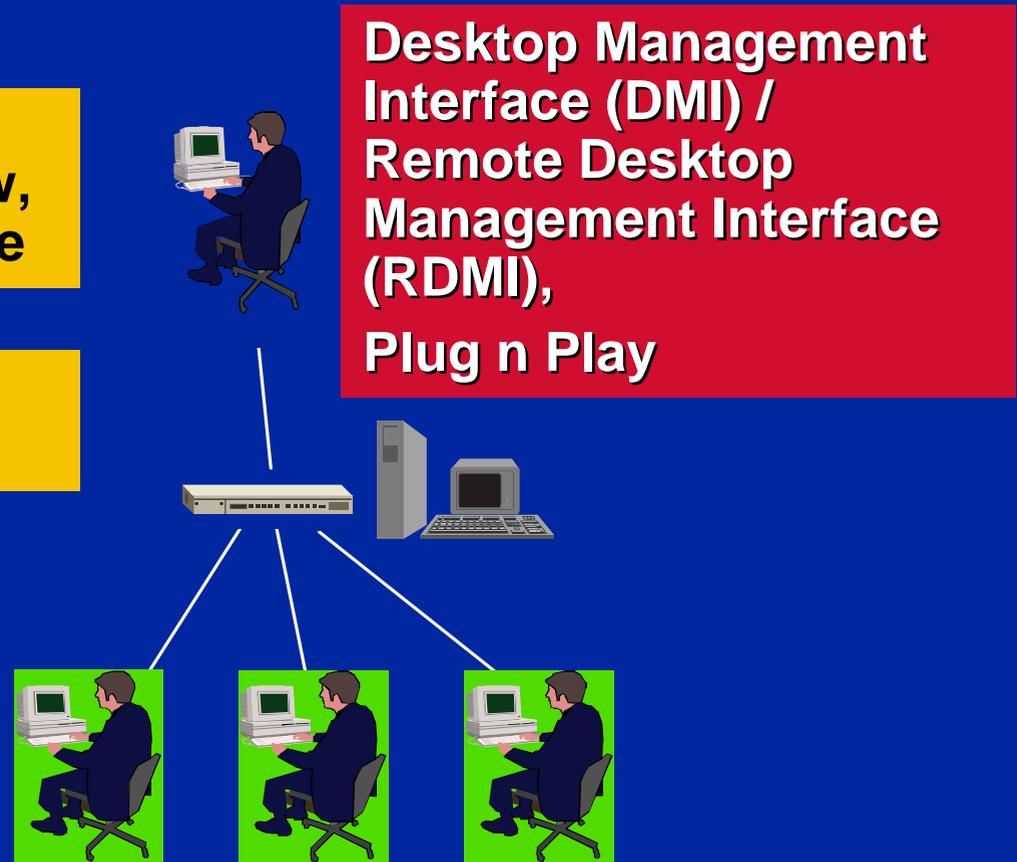
Manageability

Enterprise Tools: Tivoli* TME, CA* Unicenter, Microsoft* SMS, HP* Openview, Novell* NMS, LANDesk Management Suite

Workgroup/LAN: LANDesk Workgroup Manager, Microsoft* SMS, IBM* Netfinity

NOS: Windows NT*, NetWare*

Pentium® Pro processor: Temperature, Voltage, Easy SMP, Board HW/BIOS

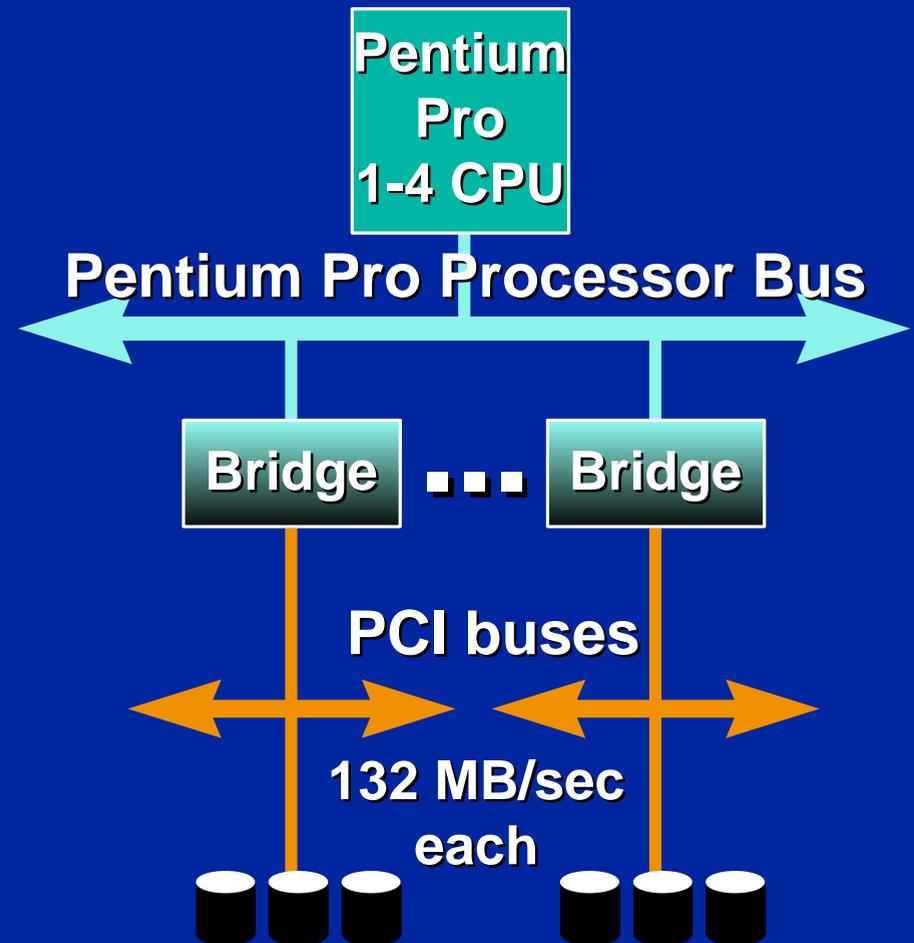


“The product offerings, centered around the industry standards created by Intel and Microsoft, provide a wide array of compatible, business critical computing solutions.”

T. Harvie, VP, Auto Warehousing

Fast, Scalable I/O

- **Pentium® Pro processor Bus Protocol superior to Pentium processor for I/O**
 - Pentium Pro processor bus will not saturate as quickly as Pentium processor bus
 - Allows higher performance I/O Subsystems
- **Multiple peer to peer PCI**
- **Scalable from file to Enterprise class servers**
- **Superior I₂O performance**



**Pentium® Pro Processor + PCI Deliver
Best in Class I/O Performance**

Server Roadmap

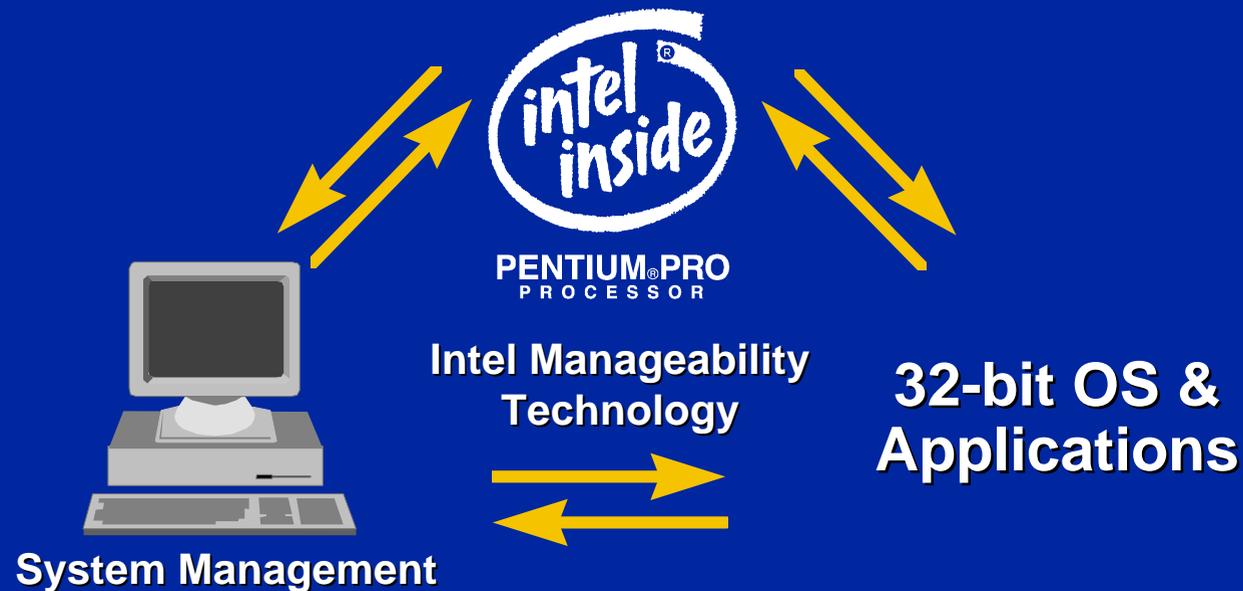
Pentium® and Pentium Pro Processor roadmap

System Price Point	Q3 1996	Q4 1996 Forecast
1-4 Multi-processors > \$10K	Pentium Pro proc. - 200 512K, 166 512K	Pentium Pro proc. - 200 512K, 166 512K
1-2 Dual processors \$5 - 10K	Pentium Pro proc. - 200 256K, 180 256K Pentium processor - 166	Pentium Pro proc. - 200 256K, 180 256K
Uni-processors < \$5K	Pentium processor - 166, 133	Pentium Pro proc. - 180 256K Pentium processor -166, 133

Database ↔ Application
 Multi-function ↔

Pentium® Pro processor based servers are mainstream enterprise solutions

Conclusion: The BEST Business Server



Pentium® Pro processor based servers delivers solutions :

- Greatest Selection of Software Solutions
- Superior System Price/Performance
- Excellent Performance

The Next Wave in Business Computing

