



# AS/400e...for Extreme Business

From Core Business to e-business

Java

BI

MQSeries

Web Security

ERP

WebSphere

HTTP Server

XML

SCM

LPAR

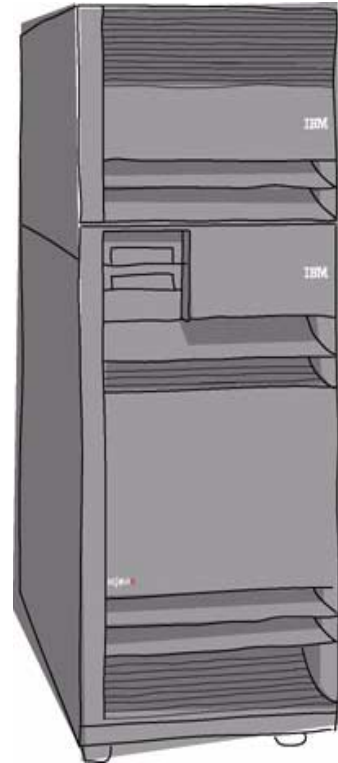
PASE

Copper/SOI

Domino

64-Bit

Windows NT/2000 Server



Flex Your Application Options

**AS/400e**

# ▼ Announcement Highlights

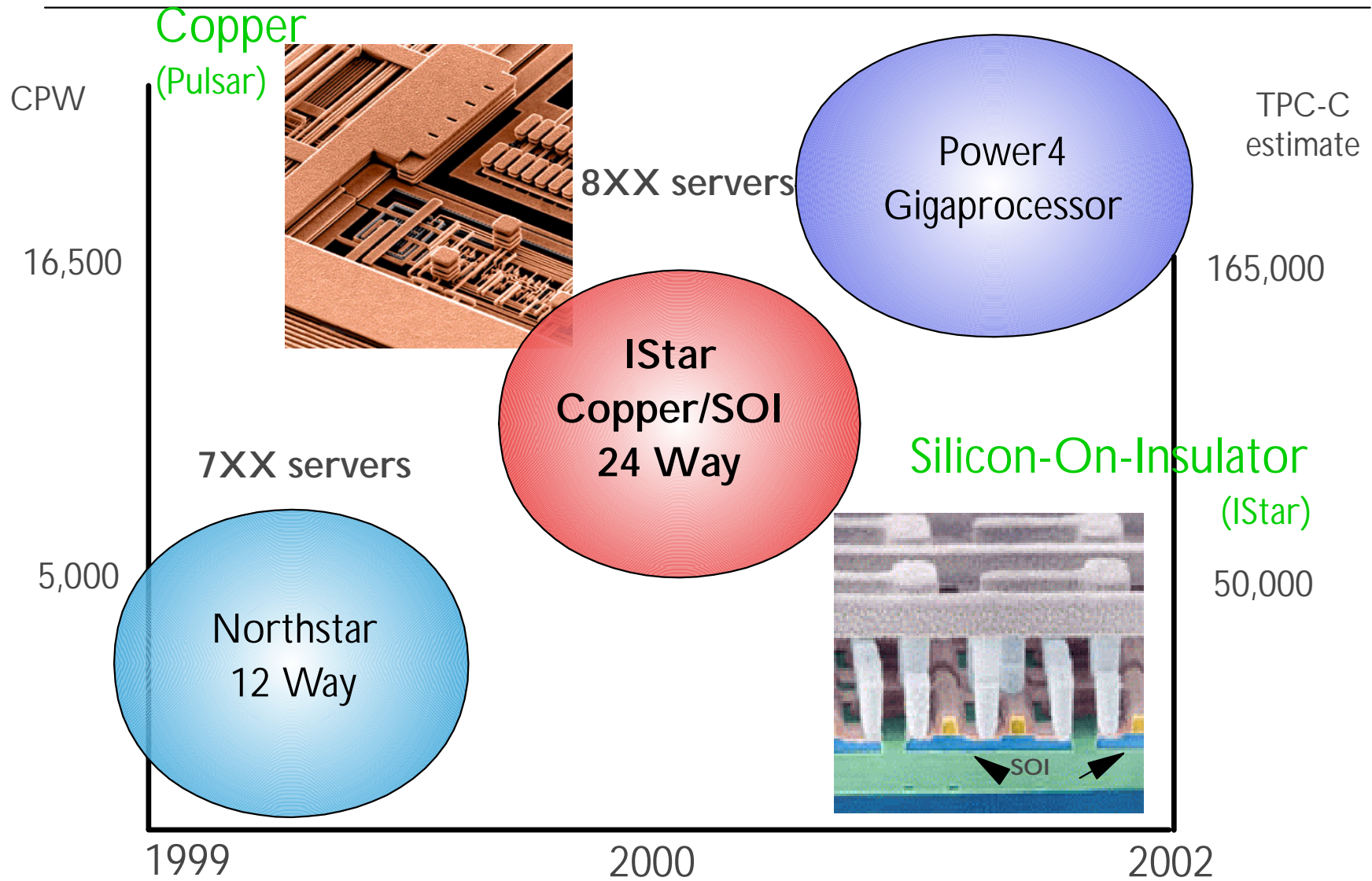
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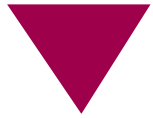
- Extending enterprise class servers from 7xx to 8xx
  - Industry-leading TPC-C and NotesBench scalability projected with 840 24-Way
  - Industry's first servers with Silicon-On-Insulator (SOI)
  - Hot Plug PCI and High-Speed Link
- AS/400e server 270 tuned for web, JavaJ and business intelligence
- AS/400e server 250 packaged for small business
- Scalability and expansion for Dedicated Server for Domino
- OS/400 V4R5

- Dates
  - Announcement May 22, 2000
  - GA August, 2000



# Industry's First Server with SOI





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# Top 10 Reasons to do e-Business on AS/400e

## 1. Security

- ▶ AS/400 offers C2 rating, Secure Sockets Layer (SSL), Secure Electronic Transactions (SET), Virtual Private Network (VPN)
- ▶ Impervious to viruses

## 2. Reliability/Availability

- ▶ High Availability means Website is "Open for Business" 24x7
- ▶ Less than 6 hours of unscheduled downtime per year





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# Reliability is key with Internet

## AS/400 Reliability - today



Single CPU Platform**	Outages /Server/Year	Availability (24x365 basis)
<b>IBM AS/400</b>	<b>5.2 Hours</b>	<b>99.94%</b>
<b>IBM S/390 (Non-sysplexed)</b>	8.9 Hours	99.90%
<b>VAX</b>	18.9 Hours	99.78%
<b>UNIX (all)</b>	23.6 Hours	99.73%
<b>NT Server</b>	224.5 Hours	97.44%

### Gartner Measurement Analysis of 240 observations from 190 firms

- ▶ Unscheduled downtime
- ▶ Except for S/390, clustered systems are not separated
- ▶ On average less than 10% of the installations studied implemented clustering
- ▶ VAX - 50% of these installations have clustered servers

\*\*Only Sysplexed S/390 or Tandem system provided better availability



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# Top 10 Reasons... Continued

## 3. Robust Connectivity

- ▶ Fast efficient TCP/IP ( most functions into the microcode )

## 4. Time to Market

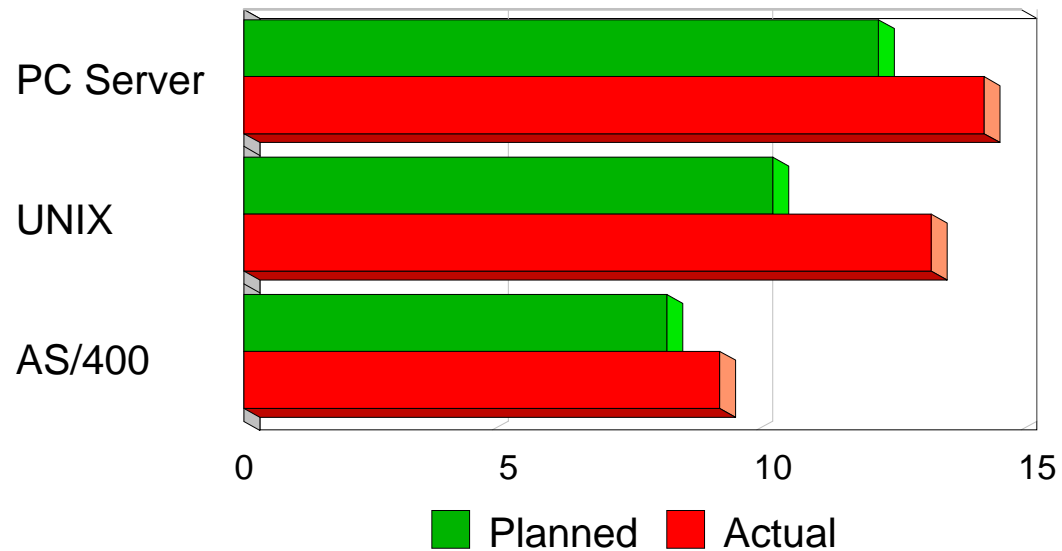
- ▶ AS/400 beats PC servers and UNIX platforms in speed to deploy applications -time to market- your competitive edge





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# Speed to Deploy New Applications



*Later releases of the software show continued improvements*

Source: Meta Group ERP on Open Platforms-Real Cost of Ownership and Implementation Time Study, 1999

***Built for Faster ROI***



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# Top 10 Reasons... Continued

## 5. Web Tool Compatibility

- ▶ Start simple... by using off-the-shelf client web authoring tools to create content for your AS/400 website (e.g. SoftQuad HotMetal, Microsoft Frontpage, NetObjects Fusion...)

## 6. Application Options

- ▶ Grow your site fast with Native Domino, Net.data, Java, Net.Commerce, Common Gateway Interface (CGI)
- ▶ Third party tools like I/NET's Webulator/400, CST's Jacada, and Seagull's J-Walk web enable existing applications easily
- ▶ IBM Solutions : Host OnDemand , Host Publisher

## 7. Ease of Management

- ▶ Easy graphical configuration of TCP/IP through wizards, central administration through DHCP, Domain Name Services support (Operations Navigator, Management Central)
- ▶ Automatic Disk Management : No need for DB Administrator
- ▶ Graphical operations, administration and mgmt. of AS/400 website



# Ease of Management

The screenshot displays the AS/400 Operations Navigator interface. The left pane shows a tree view of the system hierarchy, including Management Central, My AS400 Connections, and various hardware and software inventory sections. The right pane shows a list of disk units for 'Myas400: All Disk Units'.

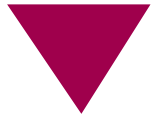
Disk Unit	Status
DD001	Active
DD002	Nonconfig
DD003	Active
DD004	Active
DD006	Nonconfig
DD008	Nonconfig
DD009	Nonconfig
DD012	Scan Su
DD013	Clear...
DD014	Format...
DD015	Proper
DD017	Nonconfig
DD018	Nonconfig
DD019	Nonconfig

Two property windows are open:

- DD001 Properties - MYAS400**: Shows fields for Tower, Disk unit position, Controller, and I/O processor. It includes a diagram of a server rack with a red highlight on the disk unit.
- Dd001 Properties - Rchasp04**: Shows capacity and location information, including a pie chart for disk usage.

Capacity	Value
Used space:	1.3 GB
Free space:	0.7 GB
Reserved space:	2.0 MB
Total capacity:	2.0 GB
Percent used:	66%

The pie chart in the 'Dd001 Properties - Rchasp04' window shows 66% of the disk space is used (blue) and 34% is free (pink).



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# Top 10 Reasons... Continued

## 8. Excellent Java performance

- ▶ AS/400 Java implementation provides optimized platform (JVM included into the Microcode)

## 9. Total Cost of Ownership

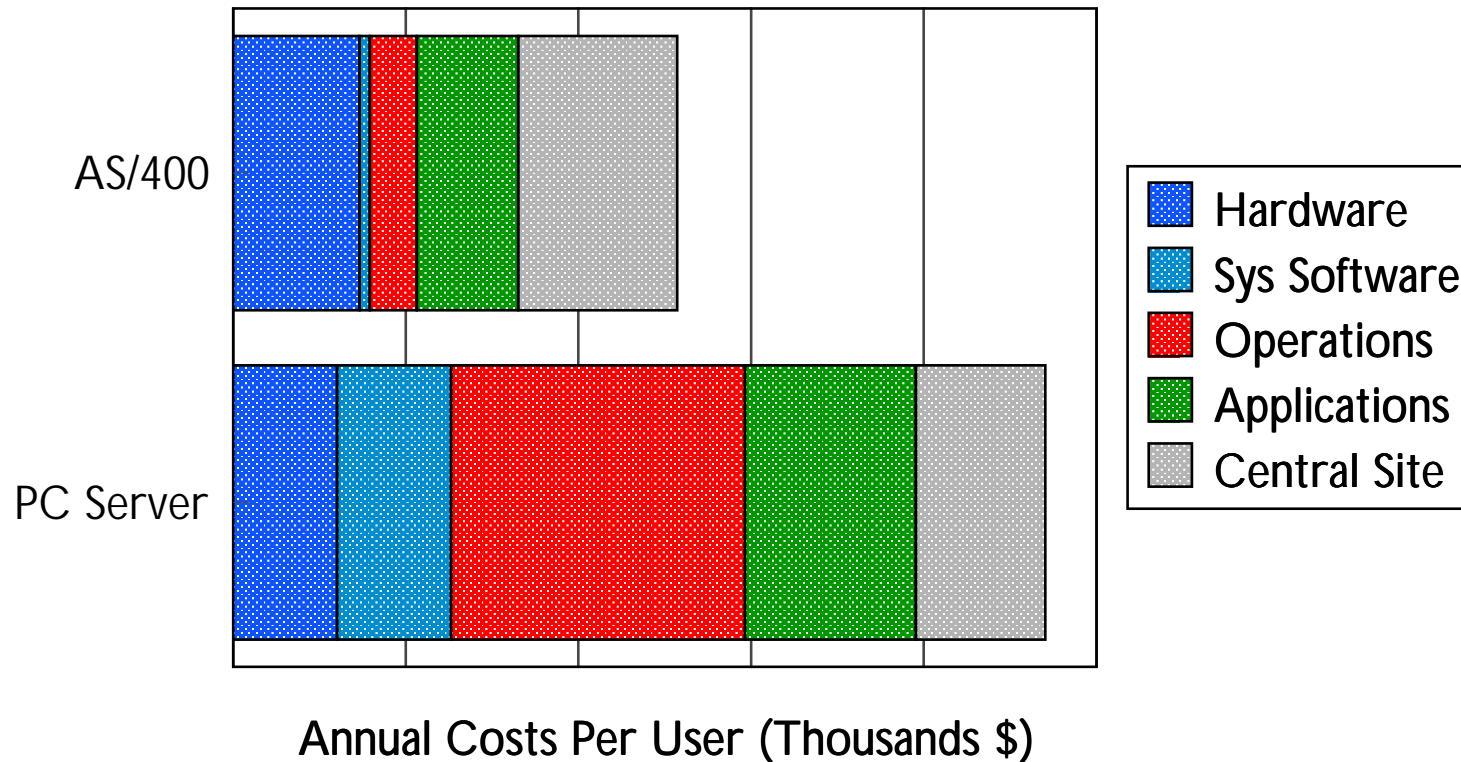
- ▶ IDC reports that the AS/400 has the lowest total cost of ownership



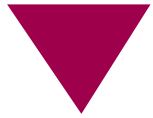


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# Total Cost of Ownership



Cost of Ownership: \$/year/user for 12,000 users at 300 remote sites, 40 users each, and 1 central location  
Source: IDC Distributed Servers - Validity, Value and Selection Criteria 2/2000



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# Top 10 Reasons... Last

## 10. Complete Scalable e-business Server

- ▶ AS/400 architecture allows multiple server functions to run at once: Web Server, e-commerce, database access, e-mail,...
- ▶ One operating system from smallest to largest: 16.500 CPW's for the biggest AS/400 n 330x growth compared to the smallest ... **Scalability**



# ▼ AS/400 Vision for the future

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*Rock solid for the 21st century*

Run any application:

more securely,

more cost effectively,

more reliably,

more scalability

with a faster return on investment,

..... than any other platform!



*Positioned for the 21st century!*