

WebSphere - Express for iSeries

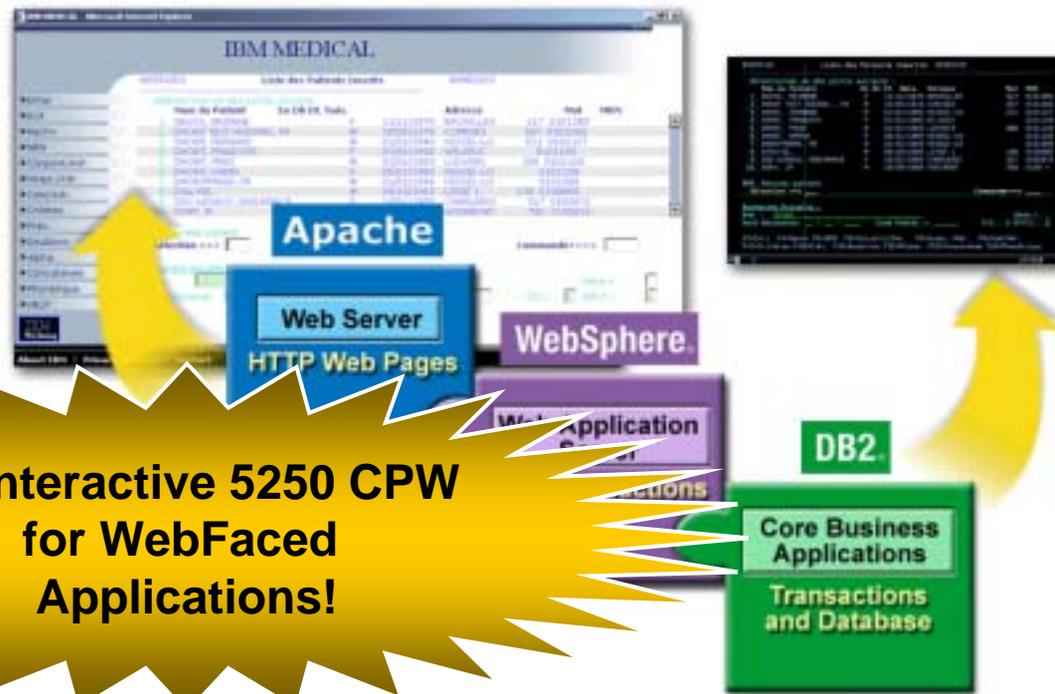


"I just installed WebSphere – Express for iSeries. It was incredibly easy. The install wizard built a WebSphere server which came up fully integrated with the Apache-based HTTP Server on the first try! This thing is an administrator's dream come true."

Includes Telephone Directory & wizards exclusive to iSeries!

**Bob Cancilla
Republic Indemnity
Company of America**

WebFacing & WebSphere Development Studio Client



**No Interactive 5250 CPW
for WebFaced
Applications!**

"We were absolutely blown away by how easy and quick it was to create Web interfaces for our 5250 applications. IBM has a winner!"

Dave Bauer – Architect, Xperia Solutions

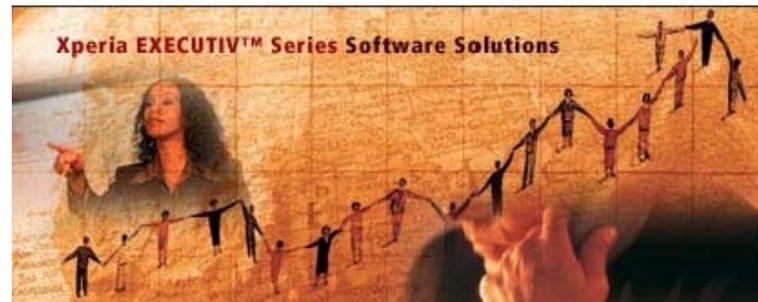
Xperia Solutions, USA

“We knew the value proposition of WebFacing was extremely attractive, but we were absolutely blown away by how easy and quick it was to create Web interfaces for our 5250 applications. IBM has a winner!”

Dave Bauer – Architect, Xperia Solutions



WebSphere software



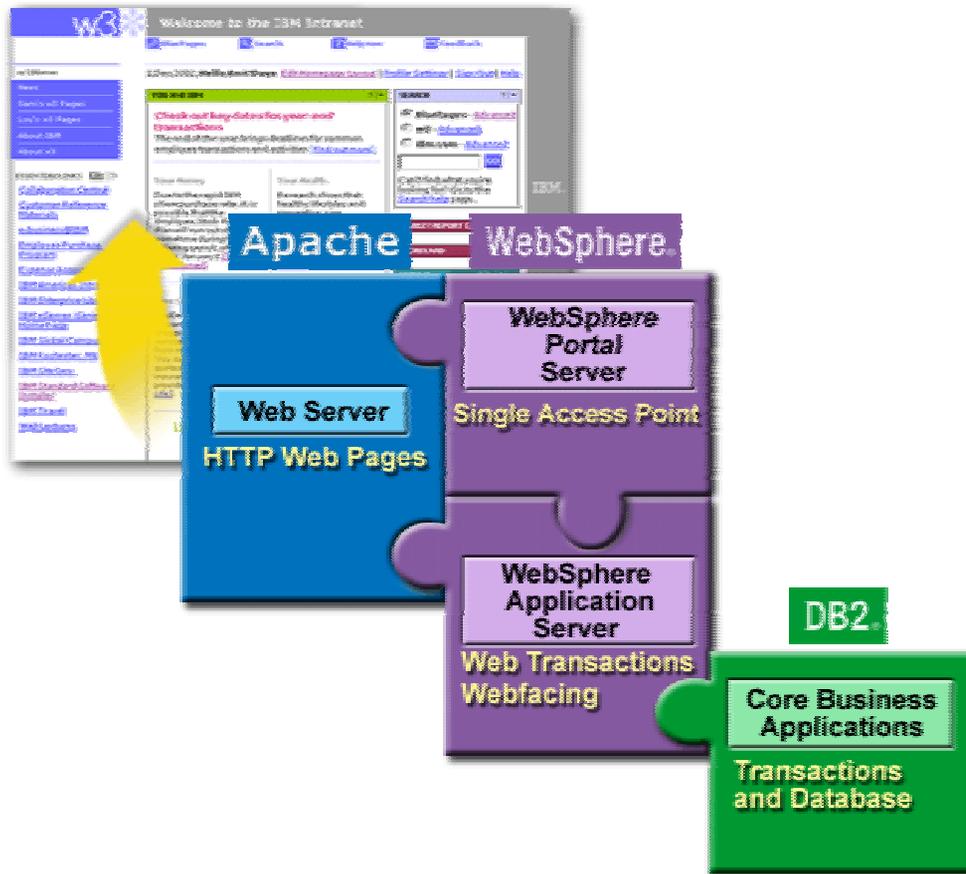
www.xperiasolutions.com

WebSphere Commerce



- Robust and integrated framework for enterprise-class B2B and B2C e-commerce sites
- Pro Entry
 - Priced for SMEs, single store
- Professional Edition
 - Order & inventory management
 - Business campaign management
 - Integrated business intelligence
 - Live help (via Sametime®)
 - Auctions
 - Payment management
- Business Edition
 - Additional B2B capability

WebSphere Portal Server



- Improve productivity using WebSphere to provide a single access point to dynamic information, applications, people
- B2E, B2B and B2C portals
- Connectivity and integration
- Presentation and administration
- WebSphere Portal Server Enable 4.1
Includes WebSphere Application Server 4.x

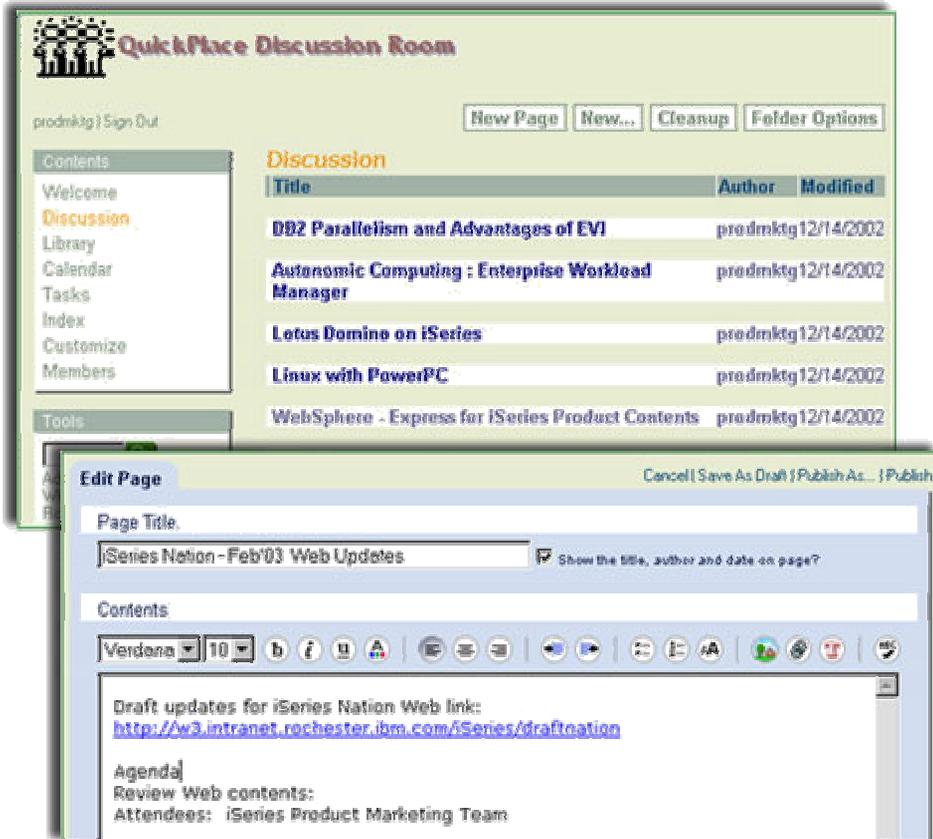
Lotus Domino 6, iNotes, Sametime & Quickplace



“Apria currently has about 2500 Sametime users on our iSeries. We're extremely pleased with the increased productivity our employees get by using Sametime.”

George Suda – VP,
Information Systems
Apria Healthcare.

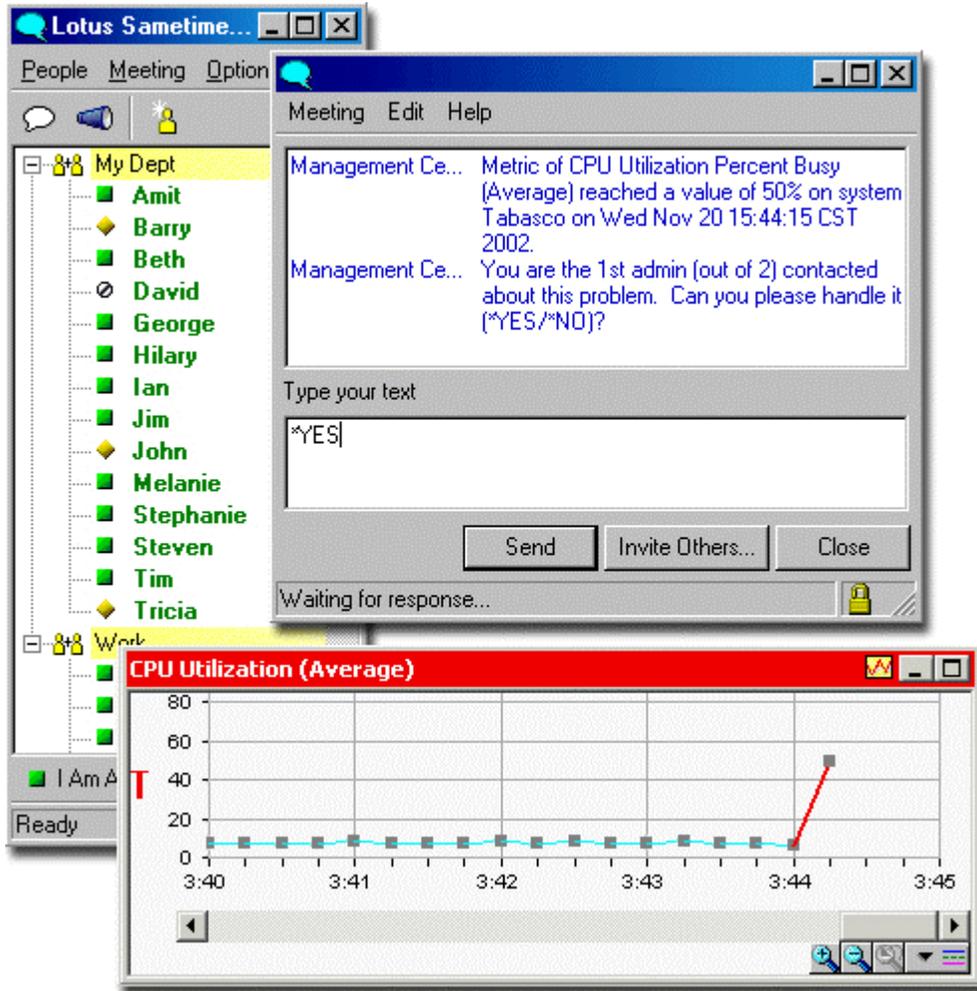
IBM Lotus QuickPlace™ & Sametime



- Get answers and make decisions faster with real time instant messaging
- Web-based team workspaces to store collective knowledge and manage projects
- Integrated with Notes, Microsoft Outlook®, and WebSphere

**Included with
iSeries Enterprise
Editions of i825,
i870 and i890!**

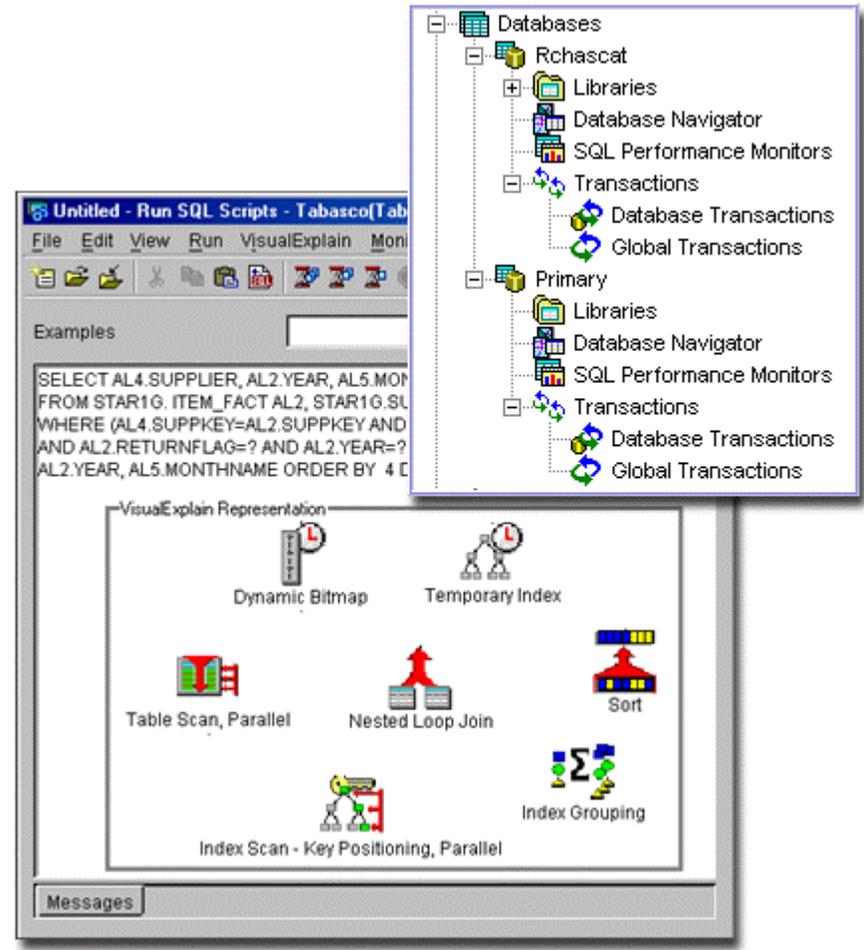
Lotus Sametime & iSeries Navigator



- Improves operator productivity with instant message response to system events
- Integrates OS/400 monitoring with Sametime instant messaging
- Assures response with automatic event delegation through hierarchy of designated operators

DB2® UDB for iSeries

- Reduce DBA costs with extensive automation and integration of database
- Improve DBA productivity with self-optimizing queries, autonomic index advisor
- Exploit processor scalability with DB2 SMP parallelism
- Enable B2B data interchange through DB2 XML Extenders
- At the forefront of SQL and XML database open standards compliance



360 Group, USA

“The DB2 UDB on iSeries platform allows us to provide an extremely cost effective solution we wouldn't be able to offer on other platforms. Support, development and maintenance costs as well as our time to market would be double or triple what they are now if we had taken the Oracle route!”

Don Klabunde - Chief Technology Officer, 360 Group



www.360group.com

DB2 Data Management Software

iSeries Access for Web

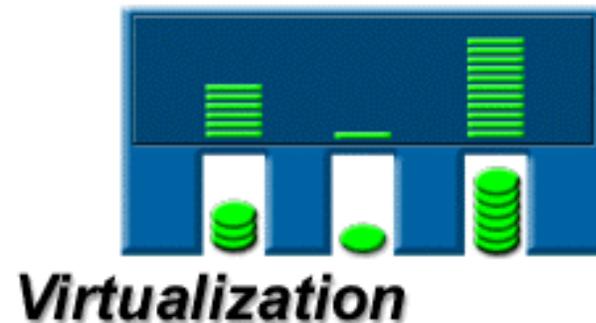


- Simple, browser-based access to iSeries and Web applications
- Easy to configure, deploy and customize with central administration
- Runs on iSeries with Java servlet technology
 - No complex JVM setup and no-touch client footprint

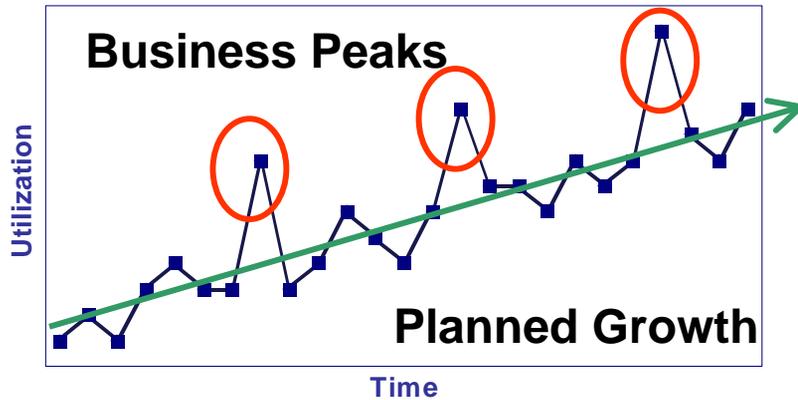
The Customer Challenge: Solving the Cost³ Equation

2) Cost of Ongoing Operations ...

Ongoing cost of skills to deploy and manage solutions

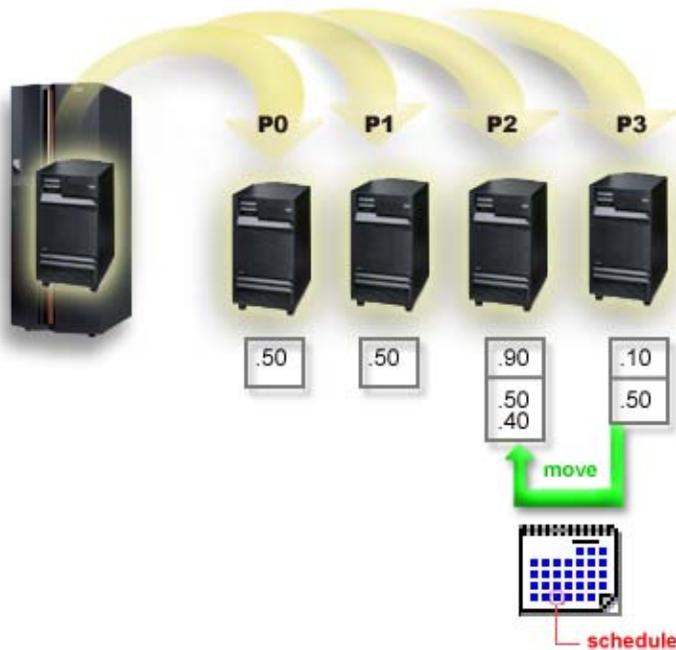


On / Off Capacity Upgrade on Demand



- Adjust to unpredictable demand without interrupting operations or applications
- Affordable processor activation price simplifies upgrade procurement
- Activate a processor for Linux without paying for OS/400
- CUoD (Permanent)
 - Planned growth, Pay when purchased
- On / Off CUoD (Temporary)
 - Business peaks, Pay after activation
 - 14 bonus processor days

Optimize IT Resource Utilization with Logical Partitions



- Reduce costs via server consolidation
- Mainframe-class dynamic logical partitioning
- Market proven with over 10,000 active iSeries partitions in production
- Up to 32 OS/400® & Linux partitions
- Uni-processor partitioning
Up to 10 OS/400¹ or Linux LPARs per processor
- Windows-based graphical management & scheduling

¹ On i825, i870 and i890

AITANA SBS

“IBM eServers, IBM software and Linux make an ideal combination for our hosting infrastructure, which we depend on to run and manage our customers' mission-critical systems.”

José Carlos Ramos, e-business Manager, Aitana

DB2. Data Management Software

WebSphere. software

Lotus. software



www.aitanasbs.com

Hosted Utility Services and ASPs

- IGS Virtual Server Services

IBM can rapidly provision and dynamically adjust a virtual server to meet the requirements of an on demand business

- Application Service Providers

Over 200 ASPs on iSeries, hosting over 2000 customers



The Customer Challenge: Solving the Cost³ Equation

2) Cost of Ongoing Operations ...

Ongoing cost of skills to deploy and manage solutions



Apache Powered Web Serving

SPECwebSSL

	HTTP Server	Processor	Simultaneous Connections
IBM eServer iSeries 890	IBM HTTP Server (powered by Apache)	16-way POWER4	4,497*
HP Server rp8400	Zeus V4.1R3	16-way PA 8700	4,400
IBM eServer iSeries 890	IBM HTTP Server (powered by Apache)	16-way POWER4	3,600



New!

SPECweb99

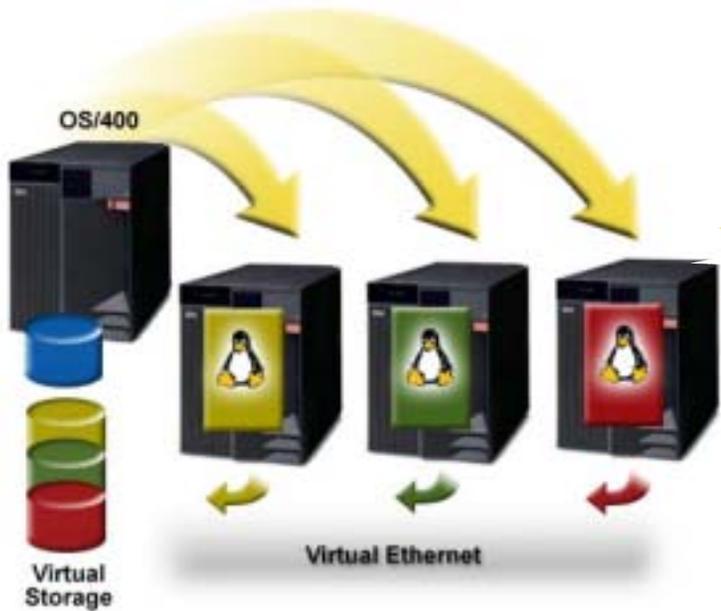
	HTTP Server	Processor	Simultaneous Connections
IBM eServer pSeries 690 HPC	Zeus 4.0	16-way POWER4	21,000
HP rp8400	Zeus 3.4r3	16-way PA 8700	15,000
IBM eServer iSeries 890	IBM HTTP Server (powered by Apache)	16-way POWER4	12,900

- Delivering industry-leading Apache based Web serving performance
- 64% of production Web sites based on Apache, <2% based on Zeus*

*Note: Results posted in January 2003 <http://www.ideasinternational.com>

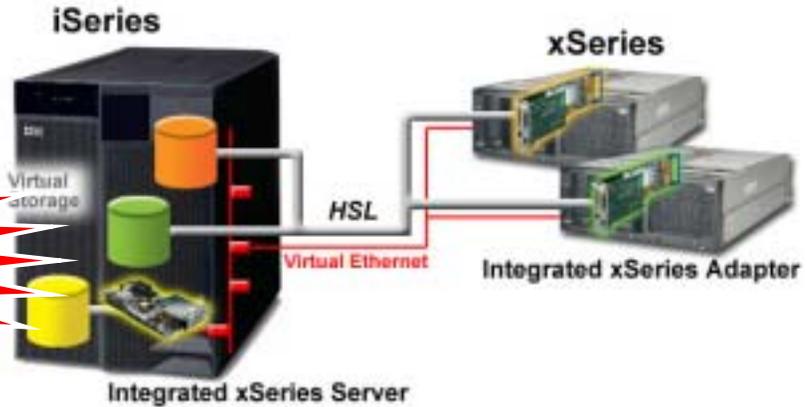
*Source: NetCraft Web Survey November 2002

Server Consolidation with Linux and Windows



**Award winning
64 bit Linux with
dynamic LPAR**

**Lower Windows
administration
costs**



Banco do Brasil

“Consolidating our European systems onto iSeries and xSeries will bring significant cost savings and improved administration. With Linux and iSeries, we will have a totally flexible and reliable infrastructure on which to move the business forward.”

Tim Evans, IT Manager - Banco do Brasil.

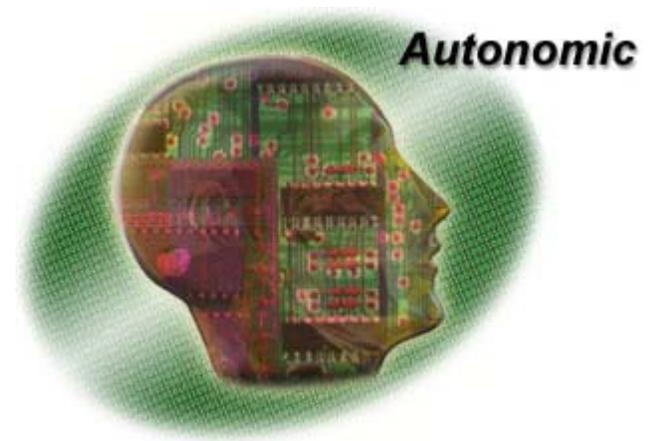
www.bb.com.br



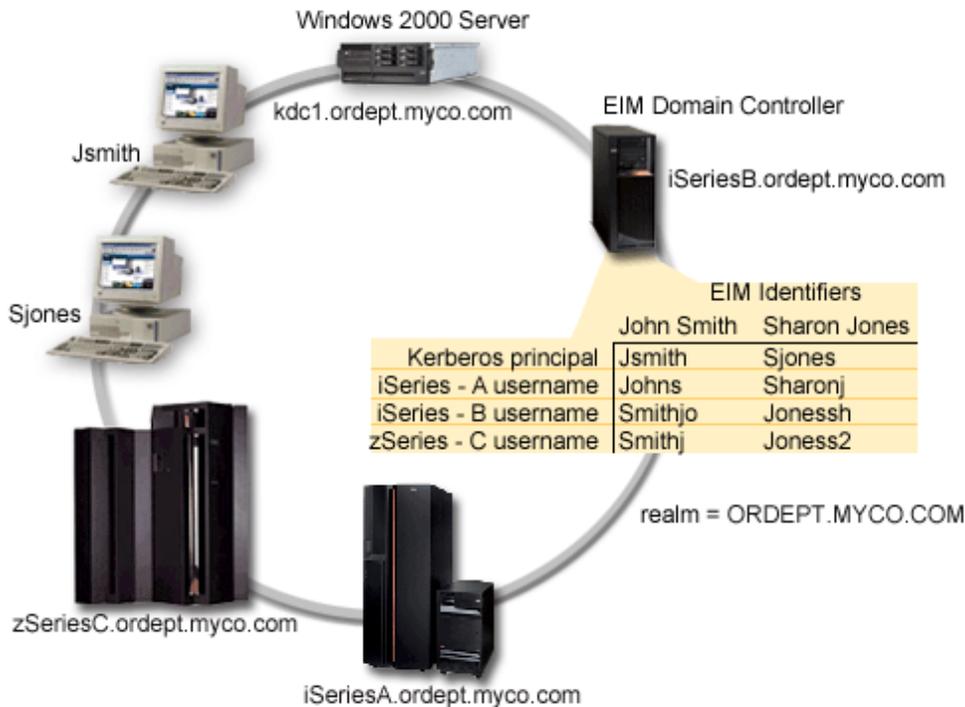
The Customer Challenge: Solving the Cost³ Equation

2) Cost of Ongoing Operations ...

Ongoing cost of skills to deploy and manage solutions



Enterprise Security



- Improve user productivity with single signon via Enterprise Identity Mapping
- Reduce security risks with iSeries's virus resistant object-based architecture
- Exploit the power of industry standards such as LDAP, SSL, VPN, Kerberos
- Lowers cost of security administration with integrated user management between Windows and iSeries

IBM Tivoli® Storage Manager Enterprise Edition



- Delivers integrated data protection for client backup and archive
- Centralized management, comprehensive policy based automation
- Complements Backup Recovery and Media Services for iSeries

Server Consolidation = Managing Operating Costs



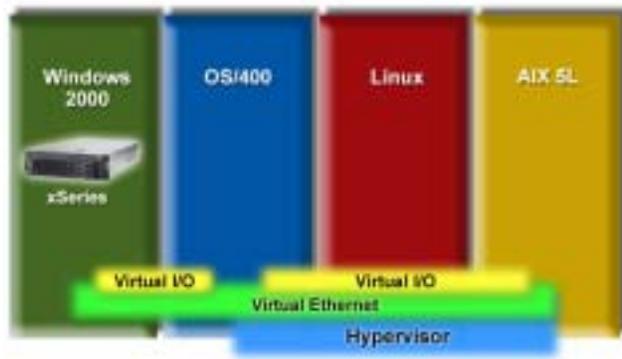
*“My job is to deliver babies and not manage server farms.
We overcame this challenge by consolidating
everything on iSeries.”*

Professor Hwan-wook Chung (M.D, PhD)
CIO, Samsung Cheil Medical Center, South Korea

The Customer Challenge: Solving the Cost³ Equation

3) Cost of Technology Transition ...

Long term application & platform investment costs



... **Convergence Strategy**

iSeries and pSeries Convergence



eServer On Demand Management Environment



*Statement of Direction: IBM plans to support AIX in a logical partition in the future.

This presentation contains information about IBM's plans and directions. Such plans are subject to change without notice.

Summary

Announcement Highlights

e-business on demand

The Customer Challenge: Solving the Cost³ Equation

Summary

iSeries 2003 Announcement Highlights

iSeries	<ul style="list-style-type: none"> ▪ An on demand operating environment for e-business
New servers	<ul style="list-style-type: none"> ▪ New iSeries servers deliver dramatic price performance improvements <ul style="list-style-type: none"> – New Small to Medium Enterprise servers: i810 and iSeries 800 ▪ New POWER4-based servers for medium to large enterprises <ul style="list-style-type: none"> – i825, i870, i890 (feature On / Off Capacity Upgrade on Demand) ▪ New high performance PCI-X I/O
New packaging	<ul style="list-style-type: none"> ▪ Dramatically simplified product choice with Standard and Enterprise Editions <ul style="list-style-type: none"> – Unrestricted interactive 5250 CPW with Enterprise Edition ▪ Designed for the exploitation of multiple e-business workloads ▪ Enhanced integration with WebSphere[®], Lotus[®], Linux[™] & Windows[™] ▪ Simplified software pricing tiers
New capabilities	<ul style="list-style-type: none"> ▪ On / Off Capacity Upgrade on Demand ▪ WebSphere Application Server - Express for iSeries ▪ WebFaced applications run without interactive 5250 CPW
Key Dates	<ul style="list-style-type: none"> ▪ Announcement January 20, 2003, General Availability February 21, 2003

The next generation iSeries...



...simplicity in an on demand world

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AIX/L (logo)	DB2	e-business (logo)	iSeries	pSeries	Tivoli
AIX 5L	DB2 Extenders	e-business Hosting	Magstar	Redbooks	VisualAge
Application System/400	DB2 OLAP Server	e-business on demand	MQSeries	SecureWay	WebSphere
AS/400	DB2 Universal Database	FlashCopy	Operating System/400	SmoothStart	X-Architecture
AS/400e	DRDA	IBM	OS/400	SQL/400	xSeries
Chipkill	e(logo)server	IBM (logo)	Parallel Sysplex	System/36	zSeries

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