

# IBM ^ iSeries



## *Enhance, Modernize, Exploit The Top Three Strategies for Deploying iSeries*



Ian Jarman  
iSeries Product Manager

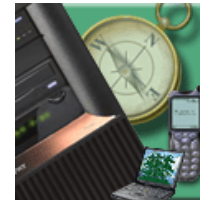
# Enhance

*current infrastructure*



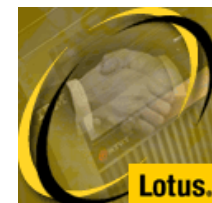
# Modernize

*existing applications*



# Exploit

*new technologies*



## Why Firms Buy Technology<sup>1</sup>

- |   |                                      |
|---|--------------------------------------|
| 1. <b>High reliability / availability</b>     | ✓ "Only down 3 days in 5 years"      |
| 2. <b>Compatibility with existing systems</b> | ✓ "IBM protects our investments"     |
| 3. <b>Customer support</b>                    | ✓ "Very satisfied with the system"   |
| 4. <b>Perceived quality</b>                   | ✓ "Glad we stayed with IBM"          |
| 5. <b>Ability to scale</b>                    | ✓ "This new system screams"          |
| 6. <b>ROI (own company calculations)</b>      | ✓ "Best investment we ever made"     |
| 7. <b>Ease of implementation / upgrade</b>    | ✓ "It took less than four hours"     |
| 8. <b>Cost of Ownership</b>                   | ✓ "It was a cost effective solution" |
| 9. <b>Reputation of Vendor</b>                | ✓ "We are 25 year users of IBM"      |
| 10. <b>Post sale service</b>                  | ✓ "Upgrade was painless"             |

<sup>1</sup> Source "Why Firms Buy Technology" Forrester Research Inc, December 2001

<sup>2</sup> Source: IBM

## Why Firms Buy iSeries<sup>2</sup>

# Enhance

*current infrastructure*



# IBM @server iSeries 270 and 820 Promotion\*

# of Processors  
Processor CPW  
**5250 Interactive CPW**



2W
2,350
<b>1W</b>
<b>1,070</b>
<b>50</b>
1W
465
1W
150
<b>270</b>
<b>Standard</b>



4W
3,700
2W
2,350
<b>1W</b>
<b>1,100</b>
<b>35/70</b>
1W
600
1W
370
<b>820</b>
<b>Standard</b>

- ✓ SStar Processors
- ✓ Powerful HSL backup performance
- ✓ Reduced Floor Space, Power, Cooling
- ✓ Exceptional 5250 performance
- ✓ Dynamic LPAR for OS/400® & Linux®
- ✓ Integrated xSeries™ Servers/Adapters
- ✓ GigaBit Ethernet connectivity
- ✓ Hot Plug, Concurrent Maintenance
- ✓ Powers WebSphere® and Domino™
- ✓ OS/400 V5R1 or V5R2

**\* Notes:**

This promotion may not be applicable in all of the geographies. Please check with your IBM representative.

Processor Commercial Processor Workload (CPW) values are used. CPW is a relative measure of performance of iSeries processors. Performance in customer environments may vary. The value is measured on maximum configurations.



# ***Improved Availability via Batch Window Reduction***

*Canadian Imperial Bank of Commerce Trust Company*

***Reduced Batch processing  
window by 63%***

***Backup time by 37%***

***Improved Application  
availability by 3.5 hours***

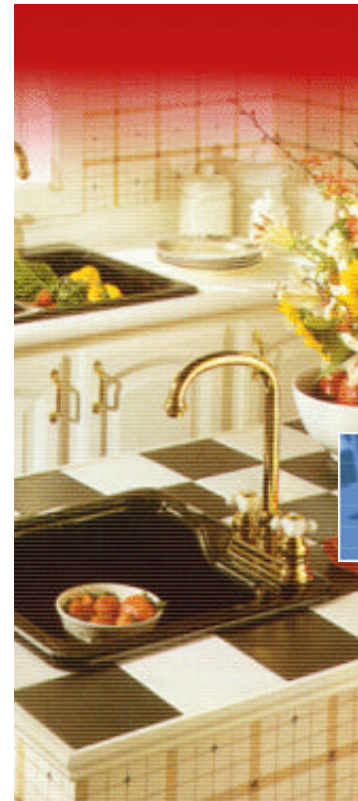


# Reduced Lease Payments, Astounding Performance

*The Eddy Group, Canada*

***"Now our daily backups only take about 6 minutes, down from 2.25 hours. Our day end went down to 35 minutes from 5.25 hours. We wanted more speed, but this is astounding."***

***John Sullivan, CIO - The Eddy Group***



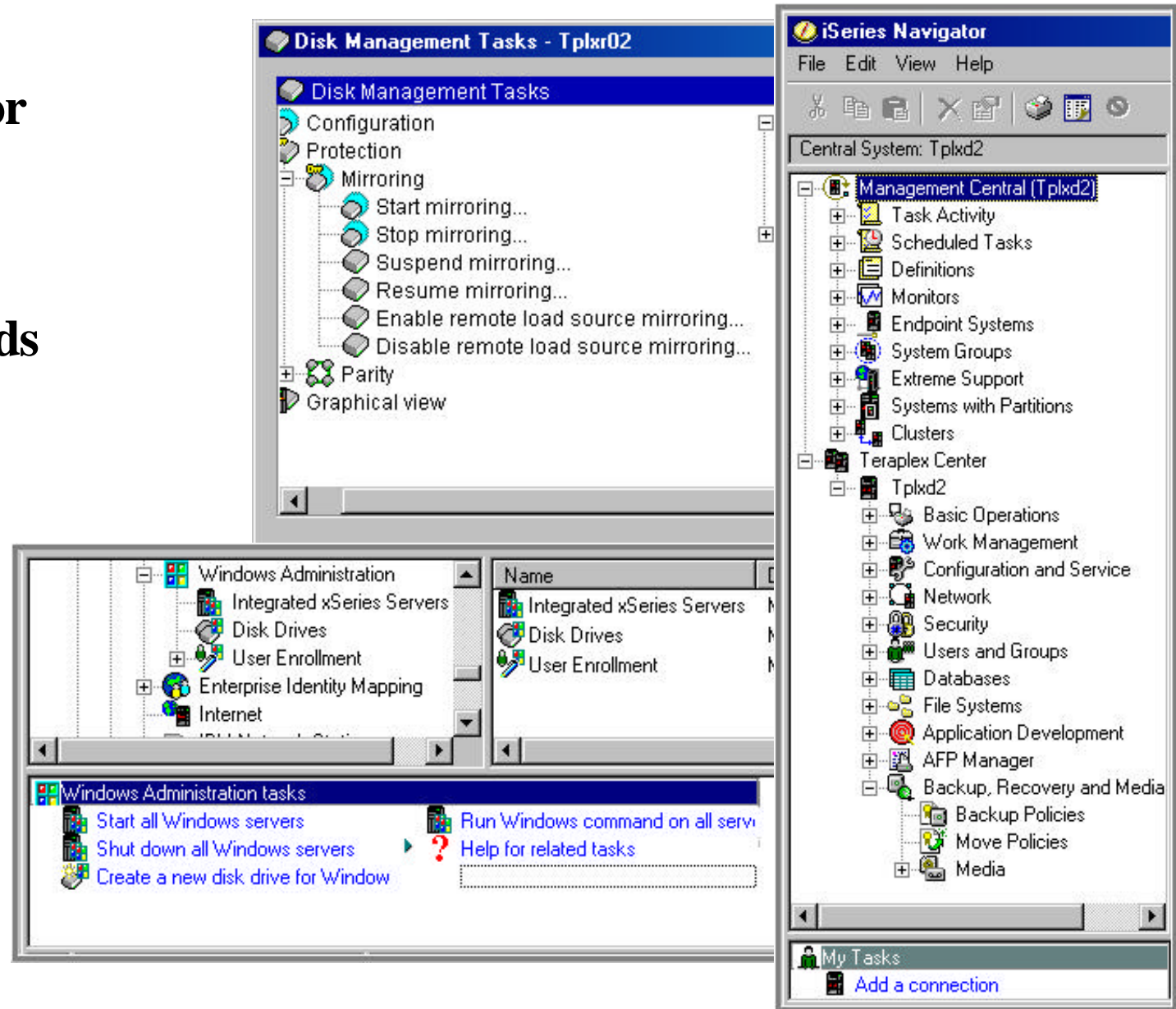
# Managing Operations with iSeries Navigator

Manage and monitor operations

Self-guided configuration wizards

Simplification of complex management tasks

Compatibility with Windows skills





# Graphical Work Management

The screenshot displays the IBM Work Management graphical user interface. On the left, a tree view shows the hierarchy: Basic Operations > Work Management > Active Jobs > Subsystems > Active Subsystems. Under Active Subsystems, various subsystems are listed, including lansbs, Qbatch, Qcmn, Qctl, Qdomino1, Qinter, Qserver, Qspl, Qsyswrk, and Qusrwrk. Below the tree is a 'My Tasks' section with options like 'Add a connection' and 'Install additional components'. A 'Work Management tasks' section includes 'Monitor system performance', 'View system status', and 'Monitor jobs'.

On the right, a table lists system pools:

Pool	Description	Current Size (MB)	Current Threads	Maximum Eligible	Total Faults
Machine	Used by internal machine functions	567.88	100	No maximum	.0
Base	Default system pool	3,989.62	178	97	.9
Interactive	Used for interactive work	564.75	1	227	.0
Spool	Used for printing	.25	0	1	.0

Overlaid on the bottom right is the 'Active Jobs - Tplxr01' window. It shows a list of active jobs with columns for Job Name, Detailed Status, Current User, Type, and CPU %.

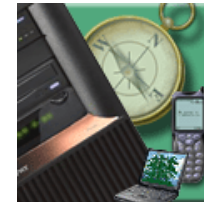
Job Name	Detailed Status	Current User	Type	CPU %
lansbs	Waiting for dequeue	Qsys	Subsystem	0.0
Qbatch	Waiting for dequeue	Qsys	Subsystem	0.0
Qcmn	Waiting for dequeue	Qsys	Subsystem	0.0
Qacsotp	Waiting for request	Quser	Prestart communi...	0.0
Qlzpser	Waiting for request	Quser	Prestart communi...	0.0
Qnmapingd	Waiting for request	Quser	Prestart communi...	0.0
Qnmarexecd	Waiting for request	Quser	Prestart communi...	0.0
Qnpser	Waiting for request	Quser	Prestart communi...	0.0
Qzrcsr	Waiting for request	Quser	Prestart communi...	0.0
Qzscsr	Waiting for request	Quser	Prestart communi...	0.0
Qctl	Waiting for dequeue	Qsys	Subsystem	0.0
Dsp01	Waiting for dequeue	Qsecofr	Interactive	0.0
Qsyscd	Waiting for event	Qpgmr	Batch	0.0
Qdomino1	Waiting for dequeue	Qsys	Subsystem	0.0
Qinter	Waiting for dequeue	Qsys	Subsystem	0.0
Qpadev0002	Waiting for workstation...	Davea	Interactive	0.0
Qserver	Waiting for dequeue	Qsys	Subsystem	0.0
Qpwfserv	Waiting for request	Quser	Prestart batch	0.0

**Simplified work management and monitoring**



# Modernize

*existing applications*



# IBM WebSphere Development Studio and WebFacing

Session A - [24 x 80]

File Edit Transfer Appearance Communication Assist Window

PrtScr Copy Paste Send Recv Display Color

Z0000001 Sign On/Off

Environment . . . : Appcon/IBM Test System...

Type information. Then press Enter.

Required...

Identification . . . -  
Password . . . . .

Optional...

Company . . . . .  
Division . . . . .

(C) 1992 Copyright Application Consultants.  
F1=Help F2=Field help F3=Exit

MA a

Connected to remote server/host TORAS48F using port 23

APPCON WebFaced!! - Microsoft Internet Explorer provided by ZDNet

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Links

Address http://localhost:8080/Webfacing/servlet/com.ibm.as400ad.webfacing.runtime.httpcontroller.Controller Go

**APPCON WebFaced!!**

Z0000001 Sign On/Off SSSSSSS

Environment . . . : Appcon/IBM Test System...

Type information. Then press Enter.

Required...

Identification...

Password . . . . .

Optional...

Company . . . . .

Division . . . . .

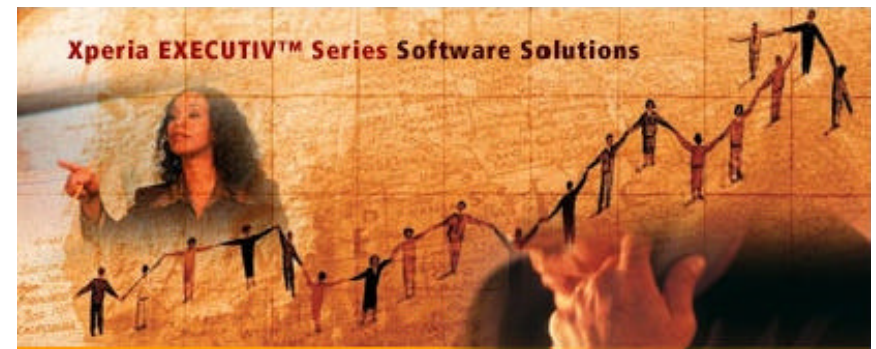
(C) 1992 Copyright Application Consultants.

F1=Help F2=Field help F3=Exit

Done Local intranet

***"We knew the value proposition of the WebFacing Tools 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***



# iSeries e-Output

## e-Output server in OS/400

- Fully-integrated, enterprise-class output management
- Integrated PDF output distribution
- Internet Print Protocol (IPP)

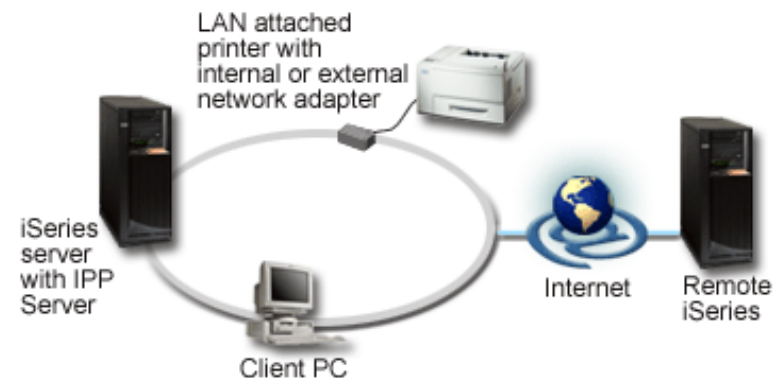


## InfoPrint® Server for iSeries

- e-Output process re-engineering

## InfoPrint Designer for iSeries

- Fully graphical document design



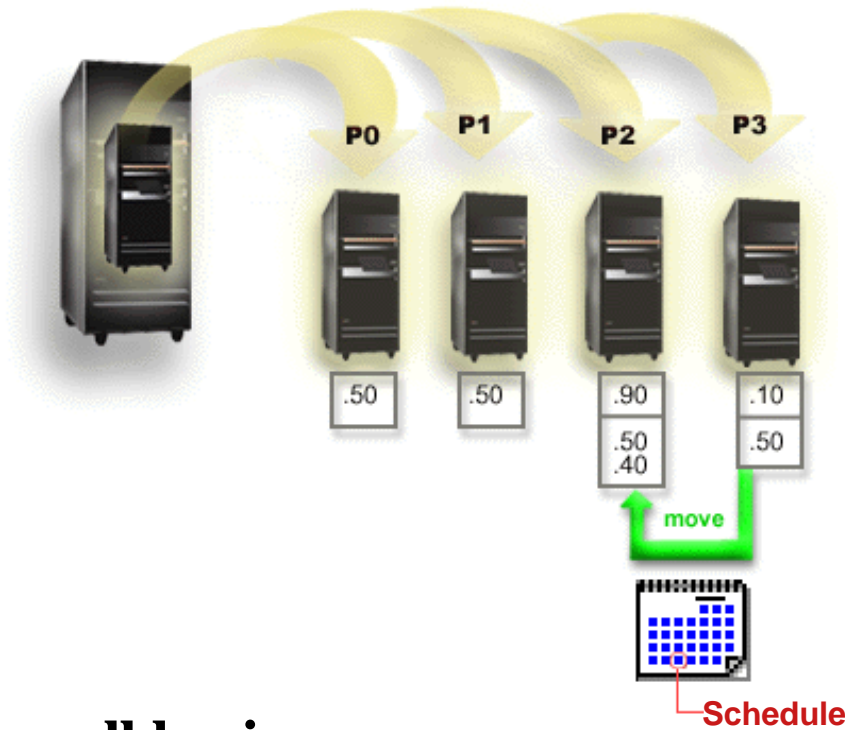
# Exploit

*new technologies*





# Easy to Implement, Dynamic Logical Partitioning

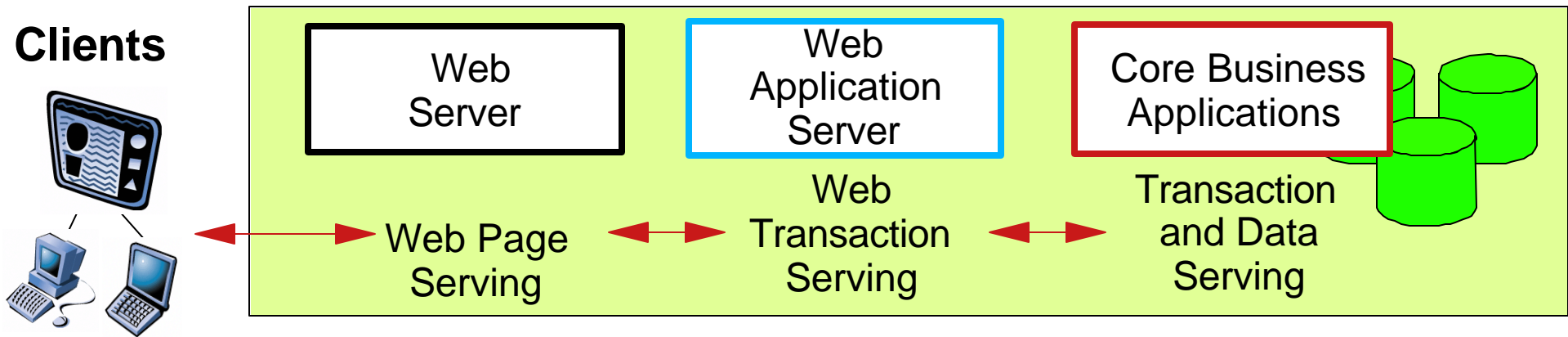


Industry's foremost LPAR for small business servers

OS/400 and Linux LPAR available on i270, i820

Simple to use, graphical management with iSeries Navigator

# e-infrastructure with WebSphere



**OS/400 includes IBM HTTP Server Powered by Apache**

**IBM WebSphere Application Server (used with WebFacing Tool)**

**IBM WebSphere Commerce Suite**





***"We didn't need an army of people. In a matter of just six weeks we were able to put up our Web site using a single, talented Java programmer."***

***Steve Passer - Chief Technology Officer, Andin International***



The screenshot shows the Jewelry.com website header with a navigation menu containing 'BROWSE' and 'LEARN'. Below the header is a promotional banner for a sweepstakes. The banner features an image of a gold heart-shaped necklace with a diamond-encrusted heart pendant. The text on the banner reads: 'Sweepstakes WIN FREE JEWELRY' and 'Click here to enter'.

# Lotus Domino and Advanced Collaboration



IBM @server iSeries

**EXCHANGE YOUR EXCHANGE**

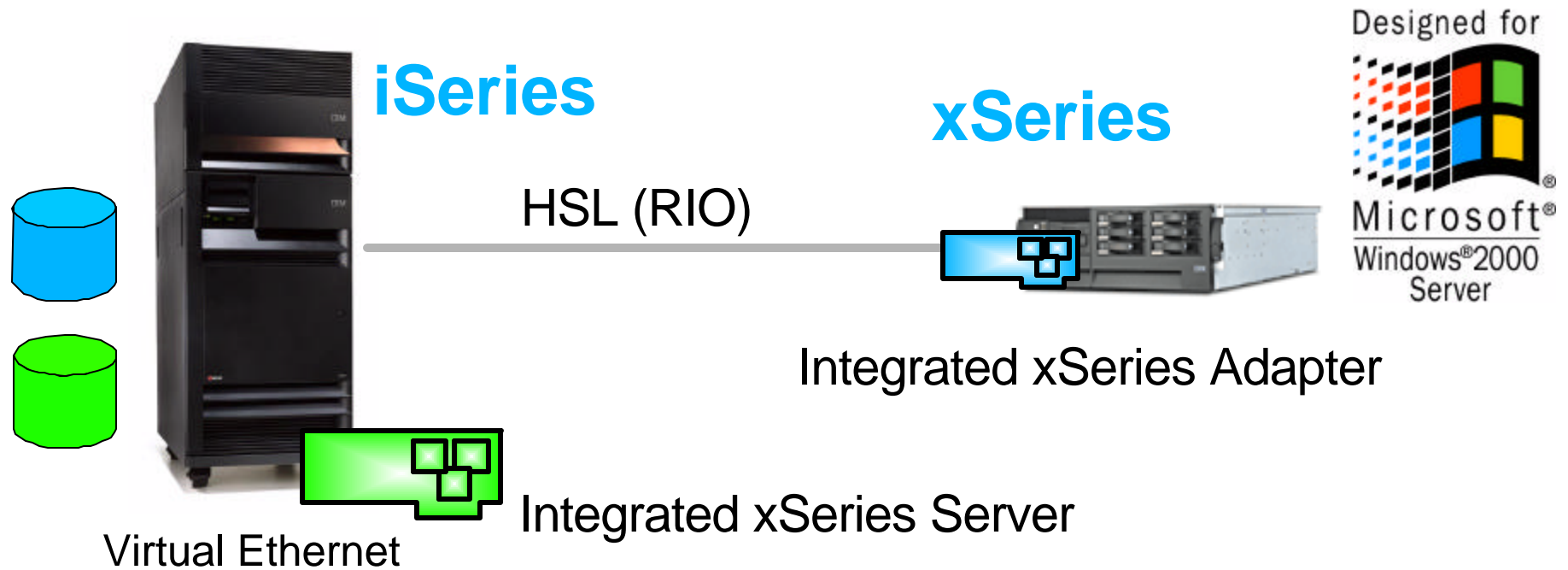
iNOTES ACCESS FOR MICROSOFT OUTLOOK

***"We needed full up time and iSeries gives us just that. The main Web site has brought a massive cost reduction by replacing expensive mailouts"***

***Rohan Paulas - Group IT Director***



# iSeries and Windows Server Management



**Integrated e-infrastructure with virtual storage and Ethernet**

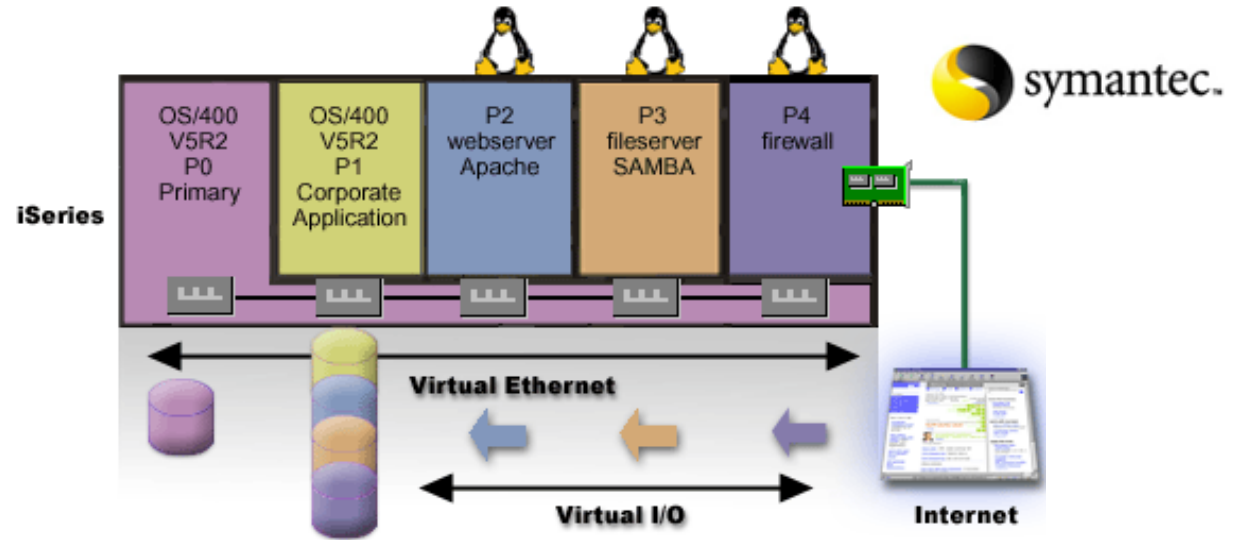
**Lowering the costs on user administration and storage management**

***"We looked at several alternatives that required buying components from a number of different vendors and then putting them all together. The fact that our entire solution comes from IBM and IBM stands behind it is very powerful."***

***Chris Coglianese, Director of Information Services***

IU   
MEDICAL  
GROUP





**Shared processor and dynamic processor allocation**

**Flexible resource allocation with dedicated and virtual I/O**

\*Statement of Direction: This presentation contains IBM plans and directions. Such plans are subject to change without notice.



***"iSeries has dramatically reduced our costs by providing the power to run different applications on different operating systems on a single machine"***

***David Garnet - IT Director***



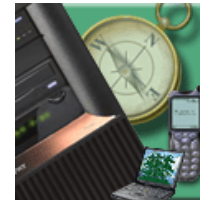
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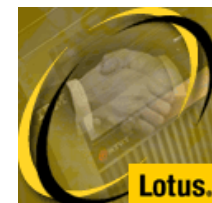
# Modernize

*existing applications*



# Exploit

*new technologies*





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AFP	CODE/400	HTTP Server for AS/400	Net.Commerce	PowerPC	VisualAge for RPG
AIX	DataGuide	IBM	Net.Data	PowerPC AS	WebSphere
AnyNet	DB2	IBM Logo	Netfinity	Print Service Facility	WebSphere Advanced Edition
Application Development	DB2 Extenders	IBM Network Station	NetView	pSeries	WebSphere Commerce Suite
APPN	DB2 UDB for AS/400	Information Warehouse	NUMA-Q	PSF	WebSphere Development Tools for AS/400
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