



IBM eServer™ zSeries

What's new with VSE/ESA Connectors

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Enterprise Storage Server	MQSeries*	WebSphere*
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	S/390*	z/Architecture
	SNAP/SHOT*	z/VM
		zSeries

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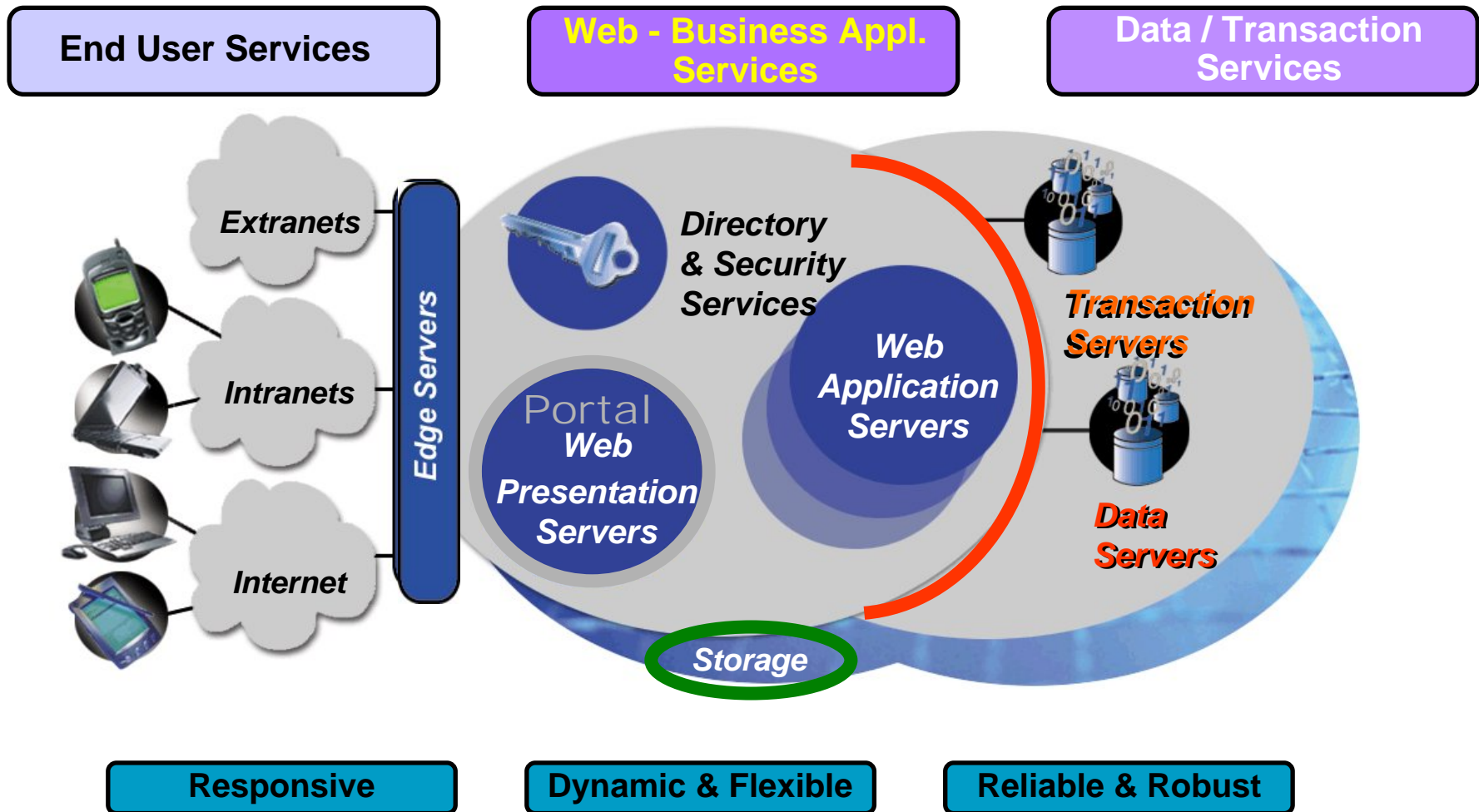
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VSE plays well with others



- **Computing today means connectivity:**
 - **Universal access to data and applications**
 - **Platform independent data interchange, across networks**

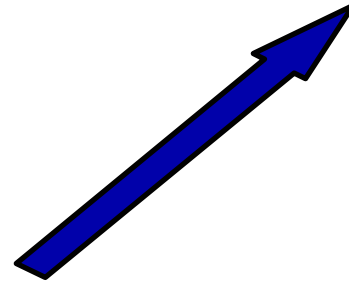
Infrastructure



VSE Preannouncement 7. April 2004 - GA 1H 2005

VSE Rebranding

VSE/ESA 2.7



z/VSE 3.1

Development Focus in z/VSE 3.1:

- FCP SCSI Support in VSE
- Enhancements to the Interoperability with Linux for zSeries
- Support newest hardware (Ficon Express, PCICA SSL)
- Upgrade to z/VSE with FSU

z/VSE 3.1

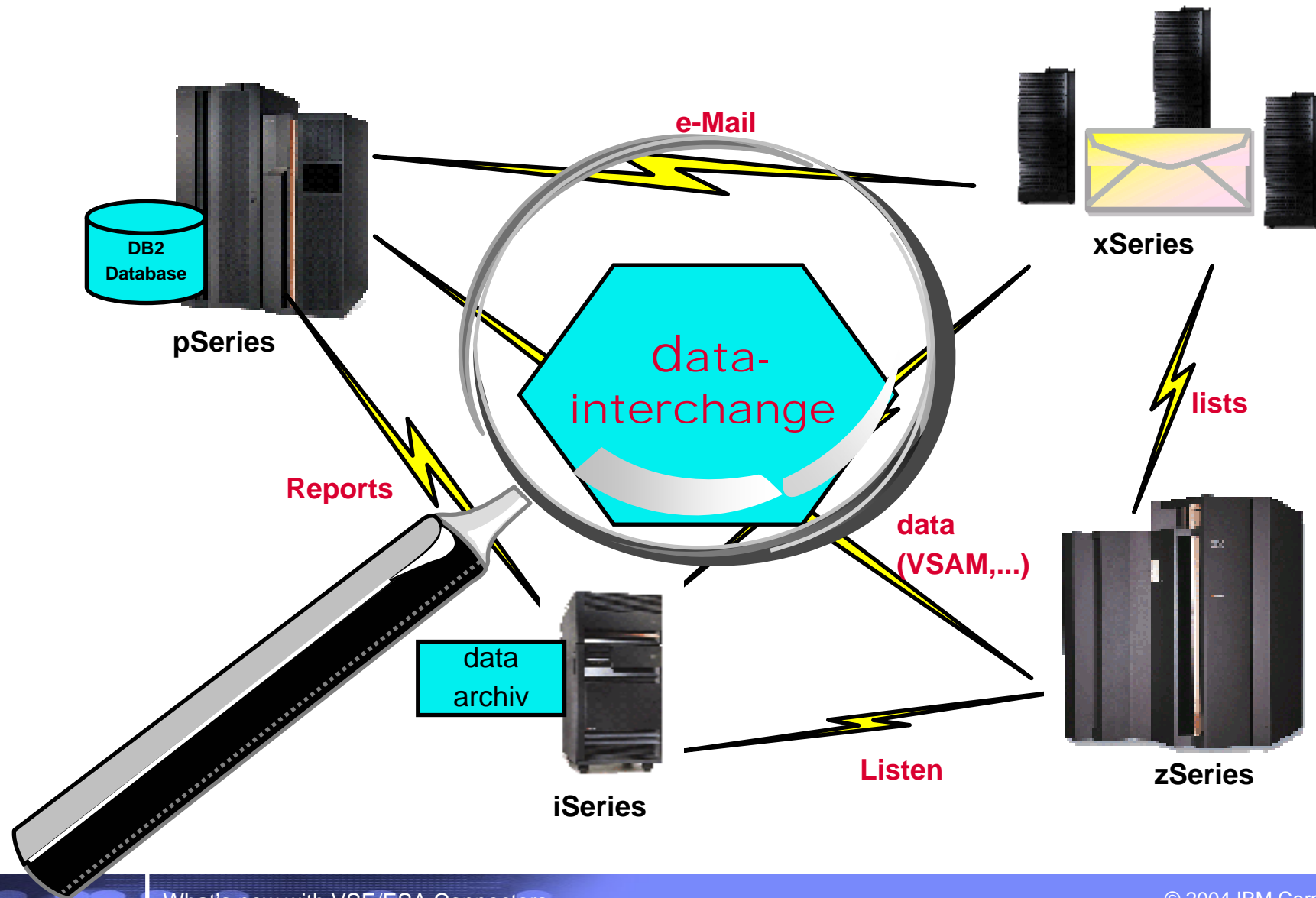
- **Refocus (HW)**
- **Rebranding**
- **Repackaging**

The Preannouncement (before an official announcement) should show the development focus for next release and not the exact detailed content of the coming release.

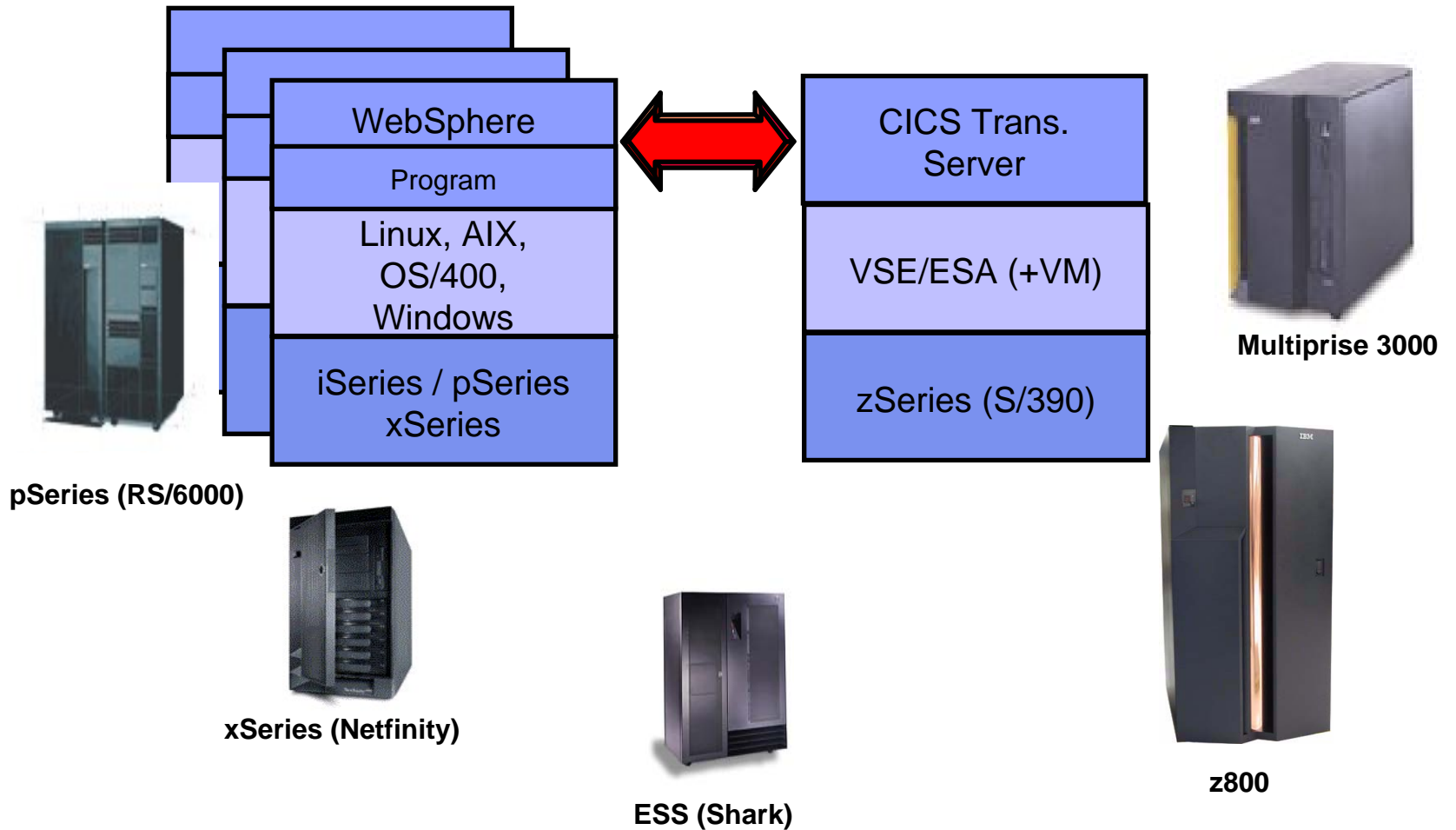
z/VSE can execute in 31-bit mode only. It does not implement z/Architecture, and specifically does not implement 64-bit mode capabilities.

z/VSE is designed to exploit selected features of IBM zSeries hardware.

Data interchange – actual need

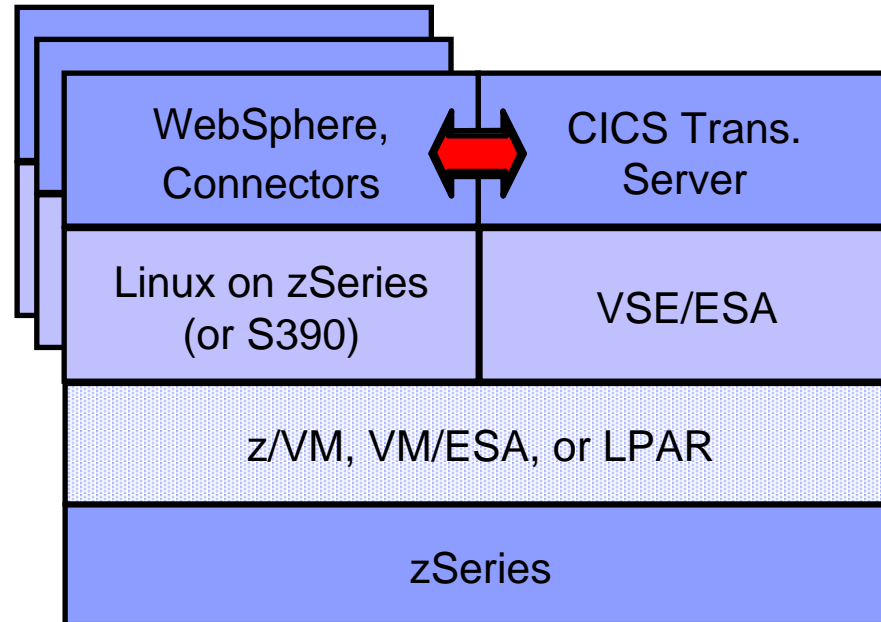


VSE/ESA Flexibility – in a heterogeneous environment



Linux for zSeries

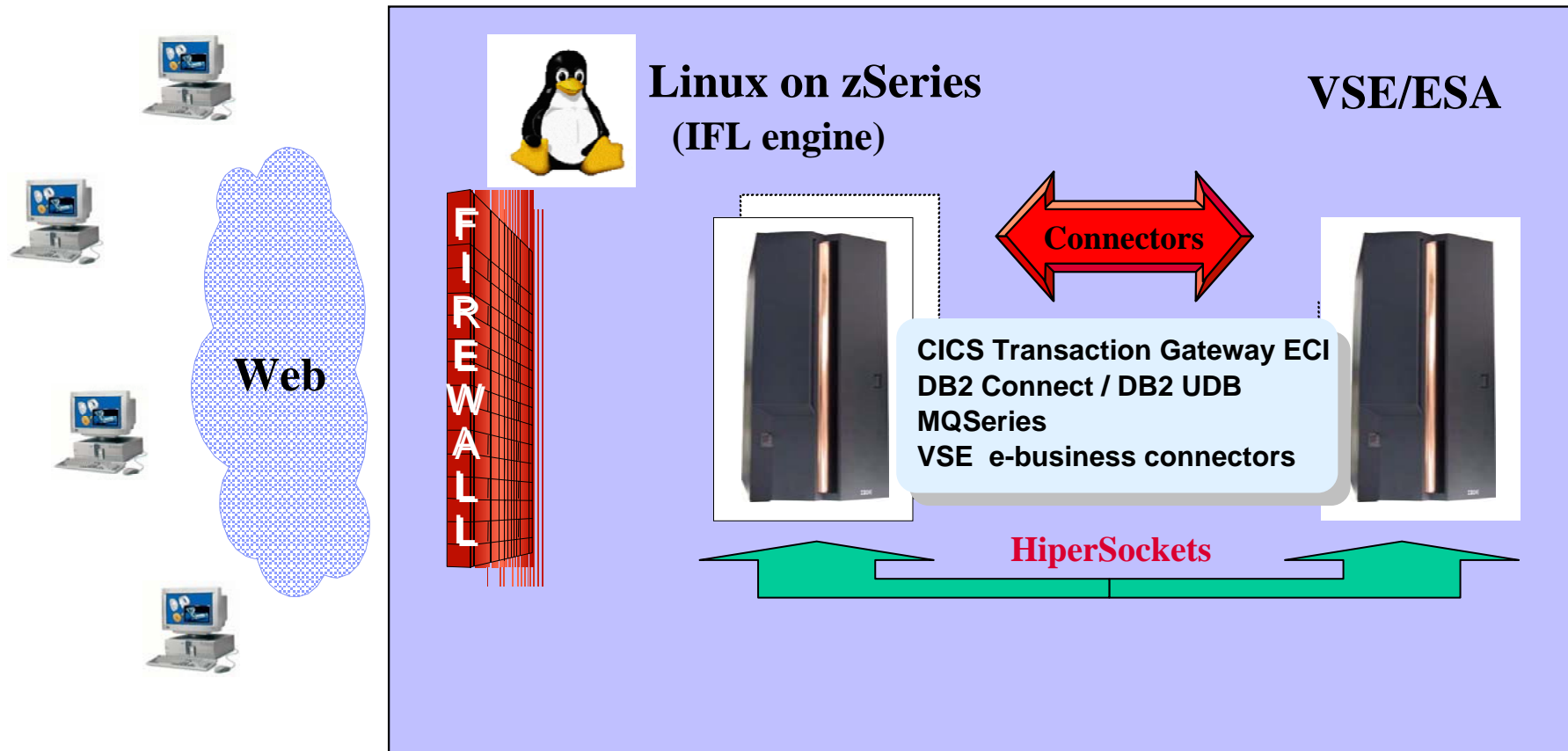
3-tier logical / 2-tier physical



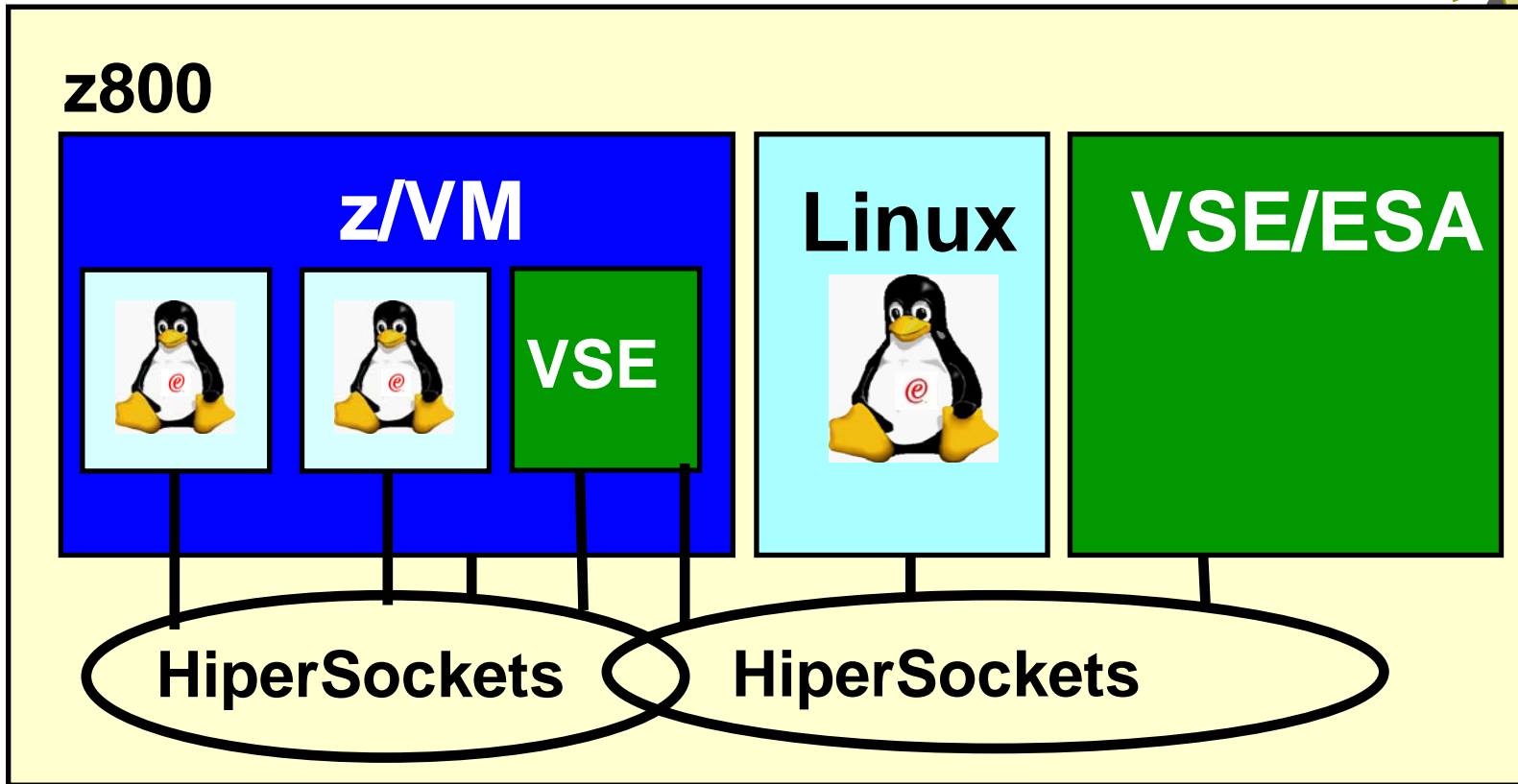
i.e. Multiprise 3000 or 9672 or zSeries



Integration von VSE/ESA mit Linux for zSeries



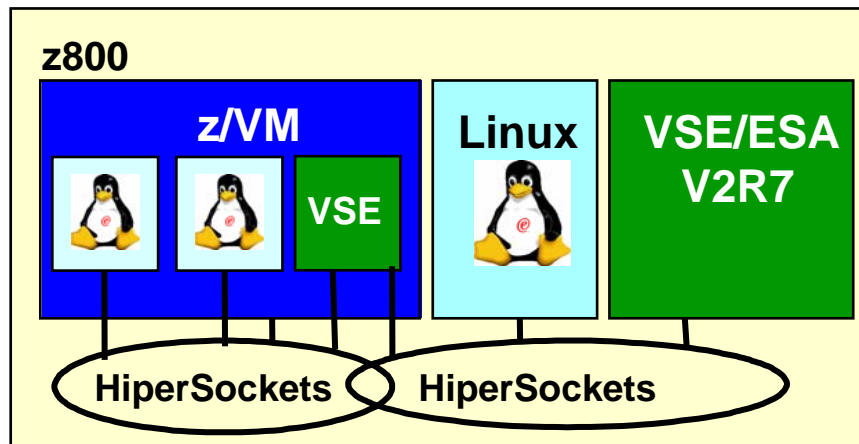
VSE/ESA Version 2 Release 7 (the network in the box)



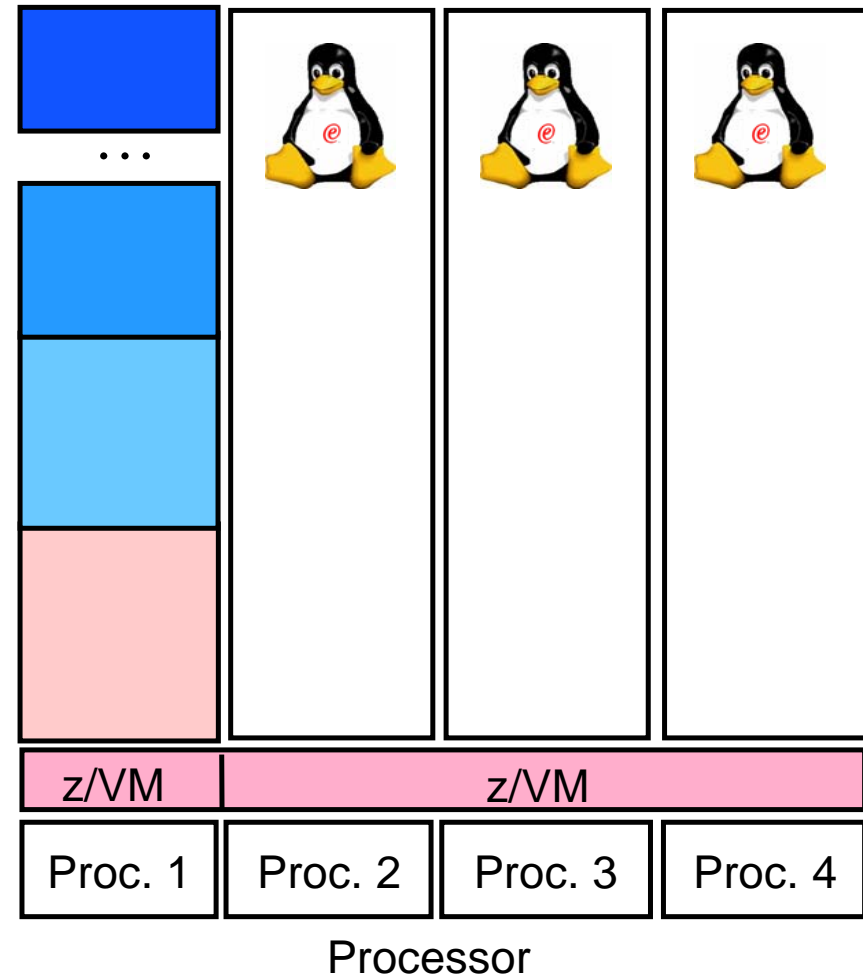
Options with a zSeries machine

- Each IFL model has at least one 'Linux' Processor
- On a IFL Processor, no traditional op. system can IPL - only Linux on zSeries
- It's easy to upgrade or downgrade

HiperSockets – The network in the box

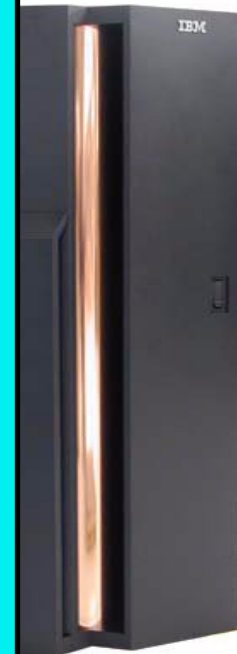
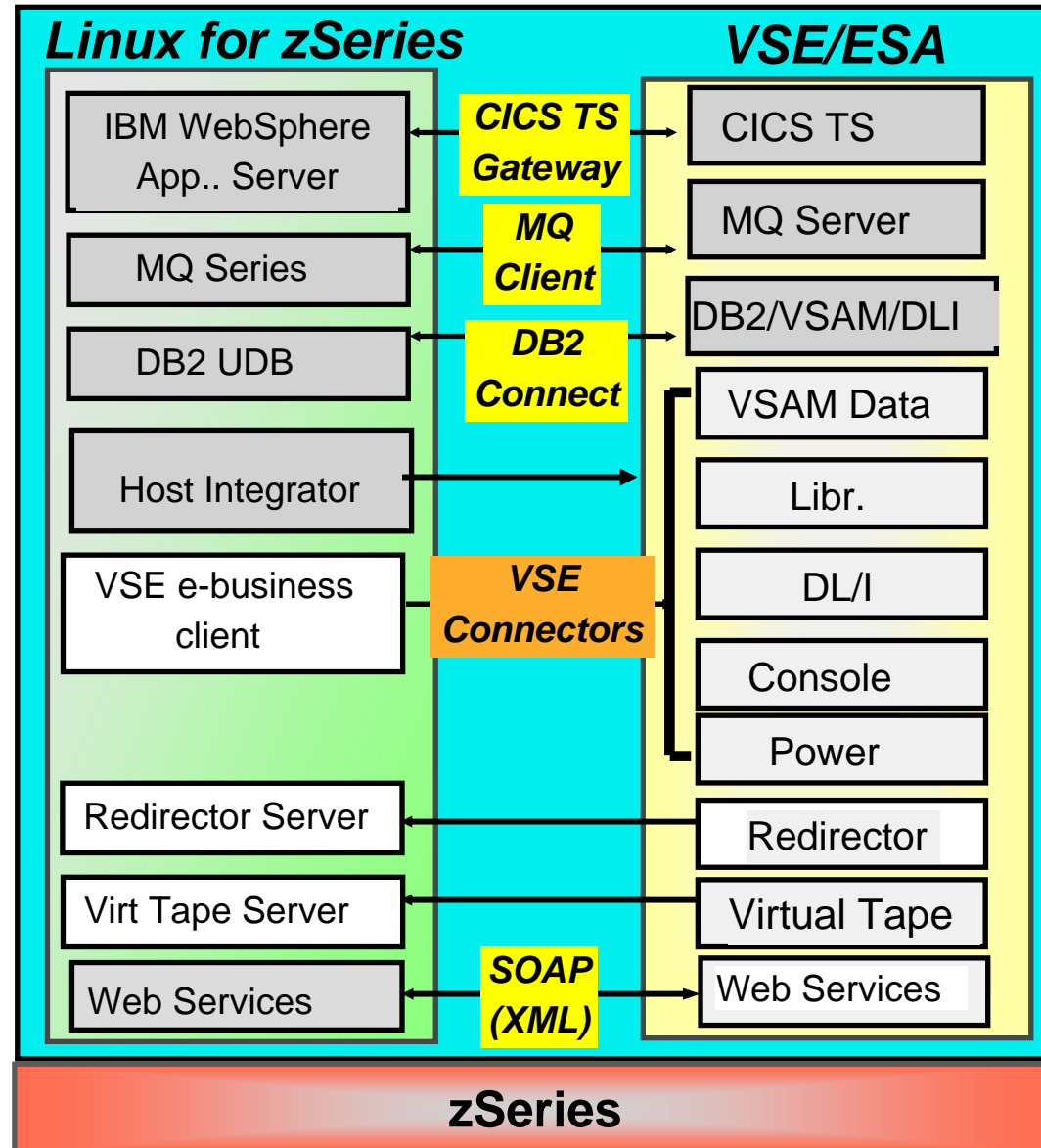


z800 / z890



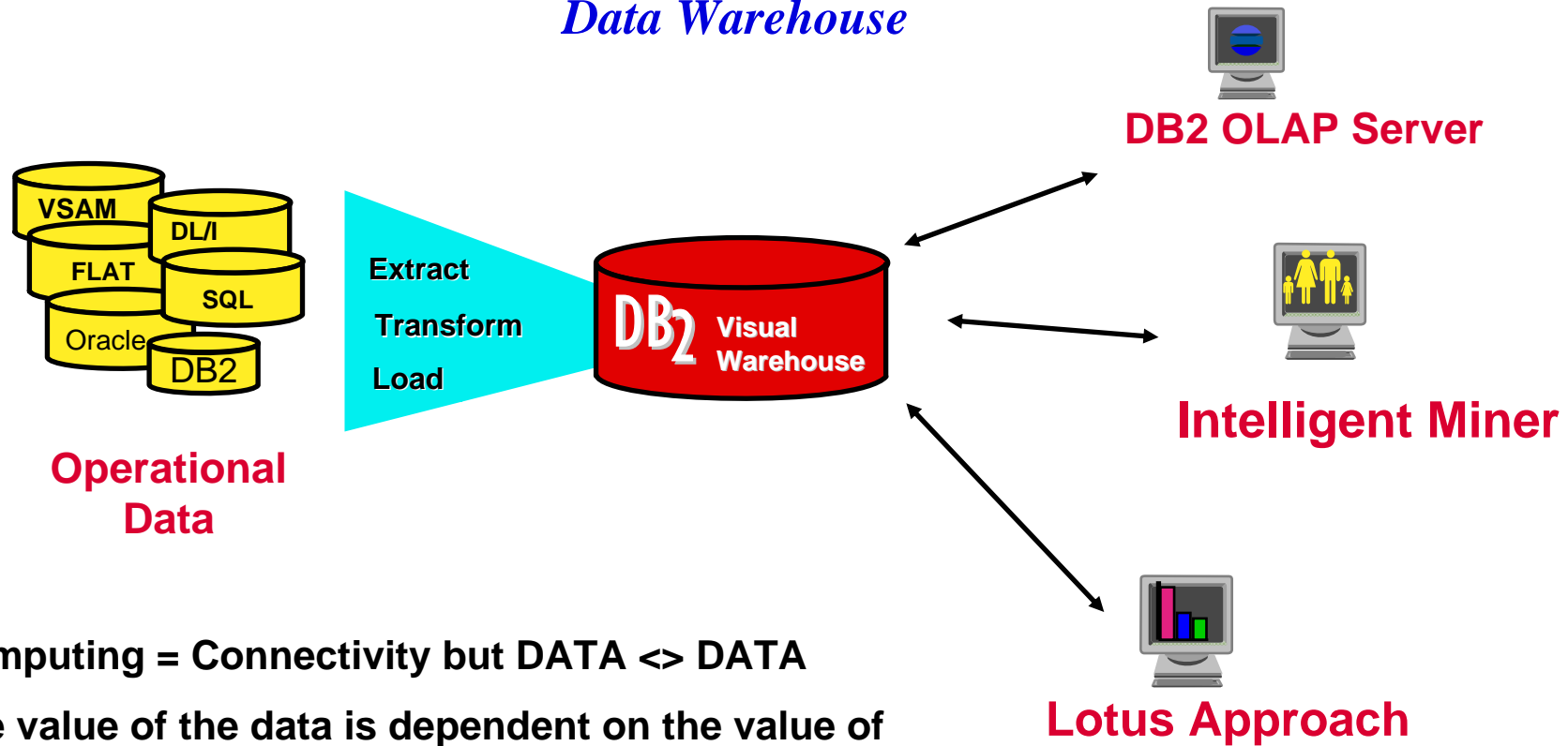
Linux middleware relations to VSE/ESA

- Modern applications with Linux for zSeries
- Most modern technologies interact with VSE services
- Modernisation using real time access to data



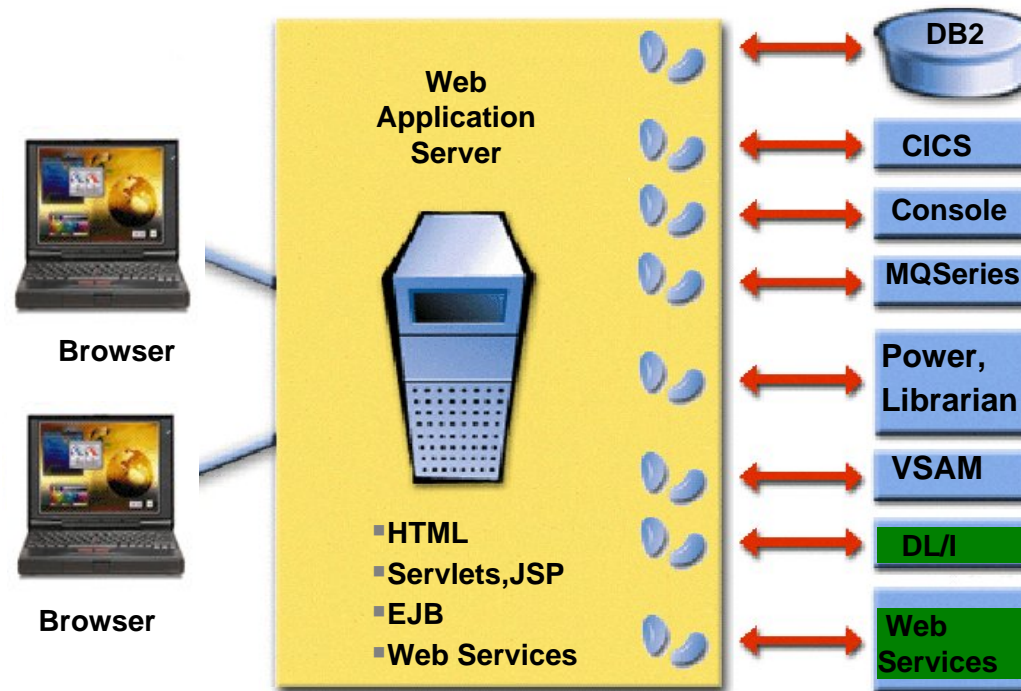
Connectors enable Business Intelligence solutions with VSE/ESA data, the way for better and faster decisions

Integration of different data to a intelligent Data Warehouse



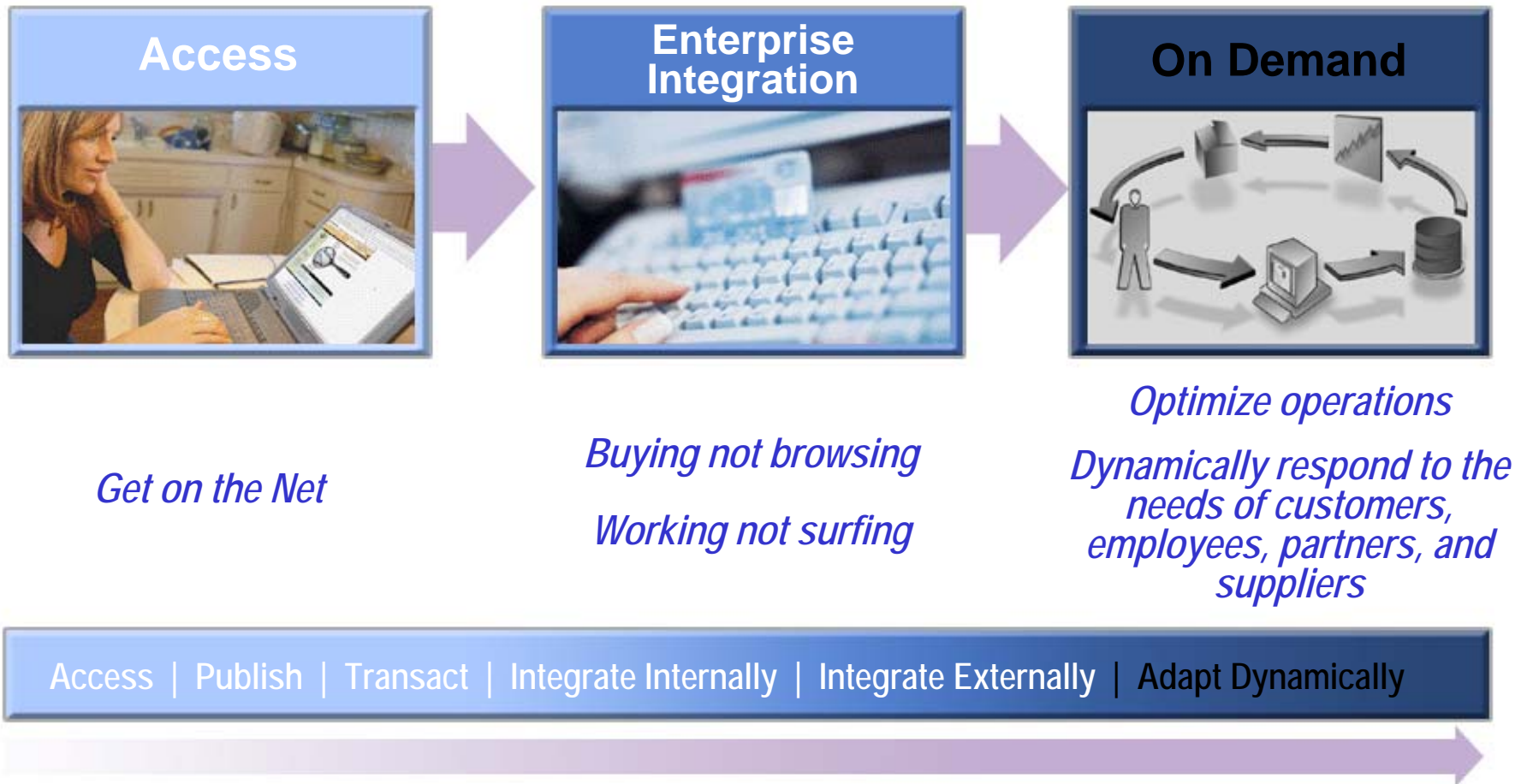
- ▶ Computing = Connectivity but DATA <=> DATA
- ▶ The value of the data is dependent on the value of information you can get from it.

Websphere Software Platform and Connectors for VSE/ESA



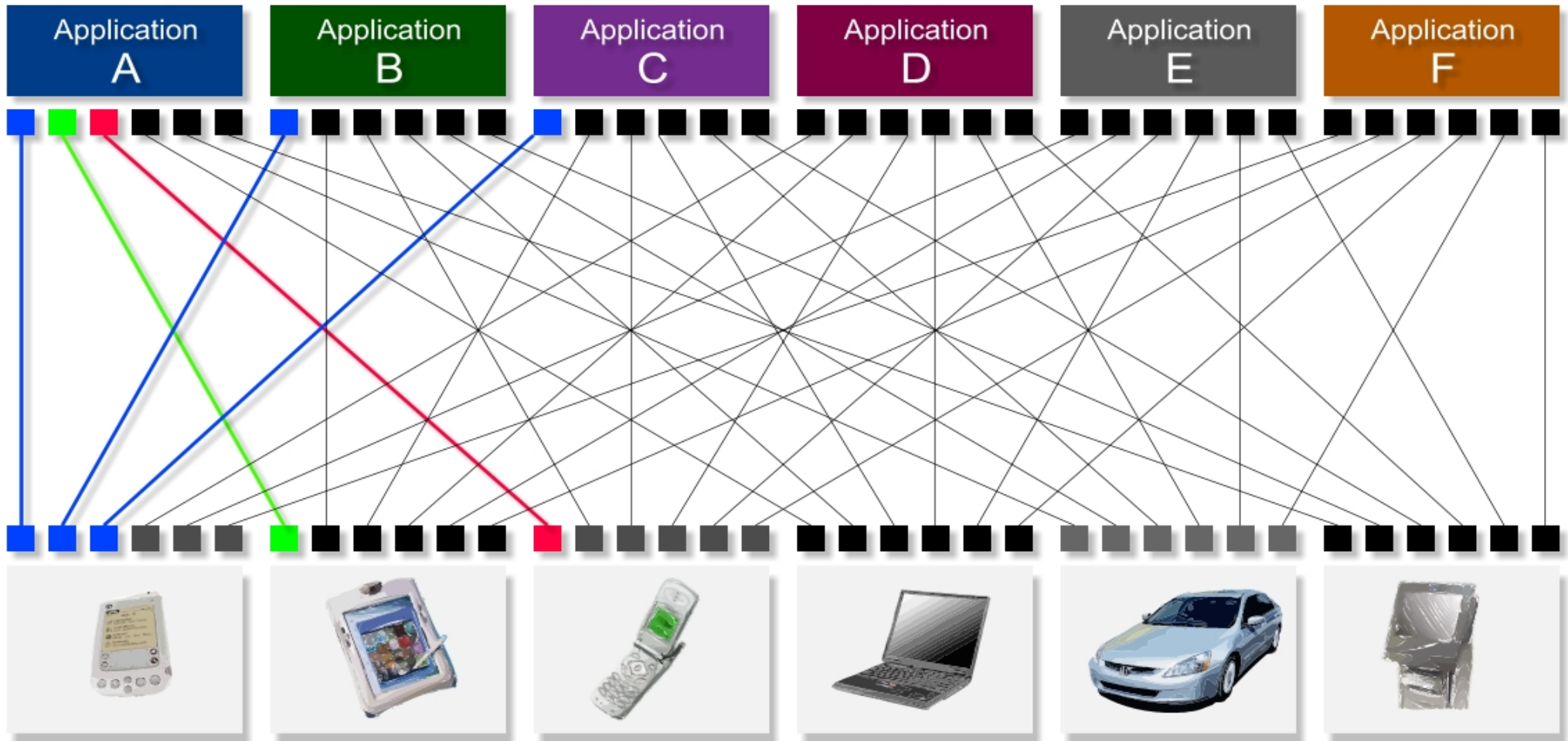
- ▶ Enable the access to core applications with web technologies
- ▶ No change to the core applications required
- ▶ Consistent development interfaces (Java based)

Evolution of e-business



Example: Mobile Infrastructure Challenge

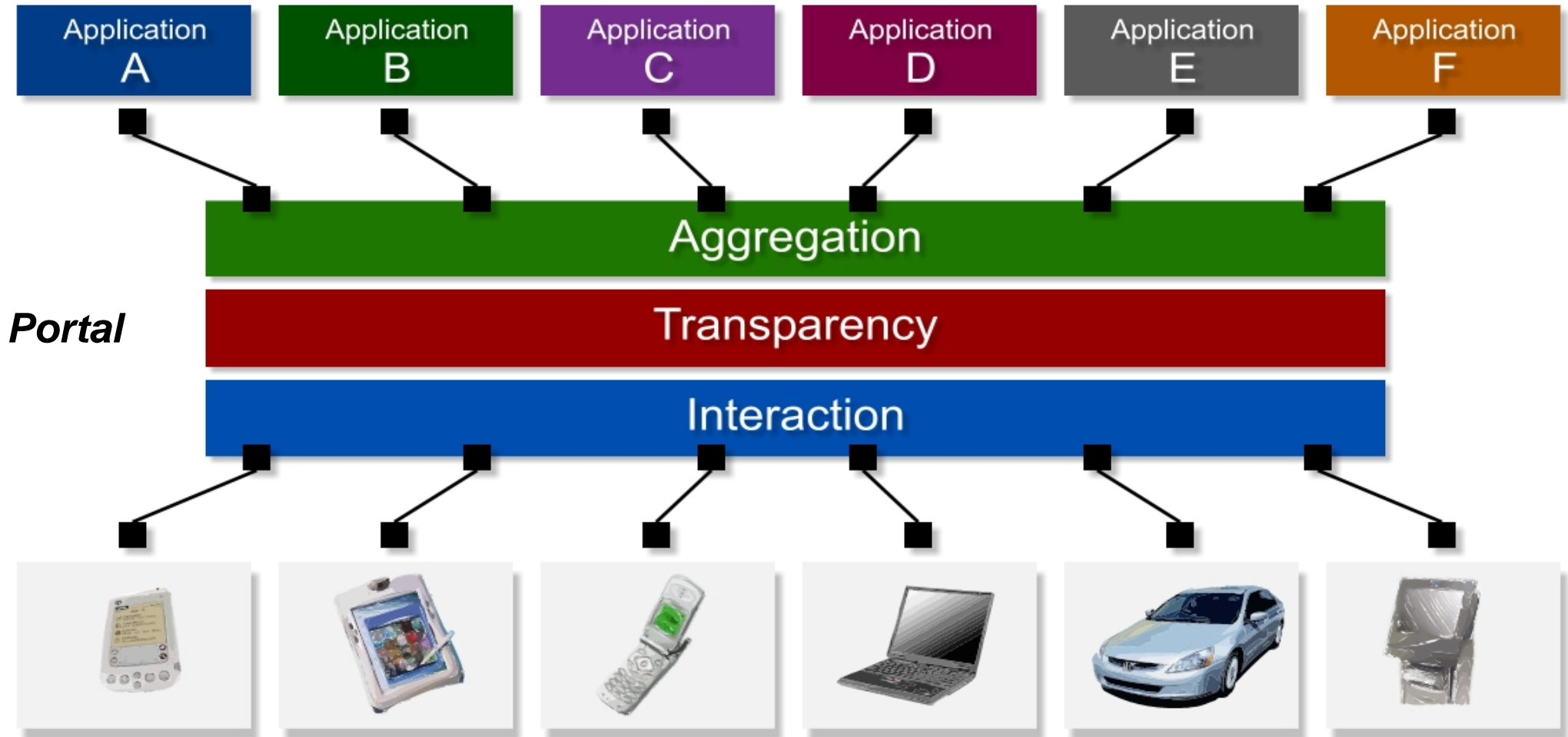
M applications...



N devices

How do you solve an expanding "M x N" matrix?

A Mobile Application Platform Defined



What is a Portal?

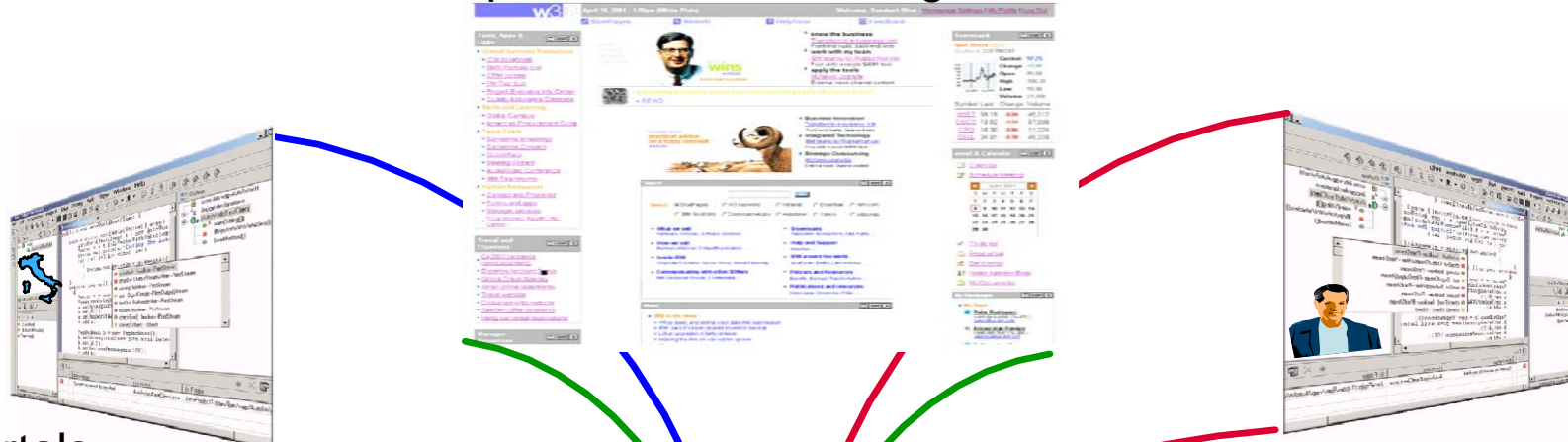
A single point of personalized interaction with applications, content, processes and people

- Enterprise Applications
- Messaging
- Search
- Collaboration
- E-meetings
- Web Content
- People Finder
- Knowledge Management
- Business Intelligence
- Document management
- Host systems



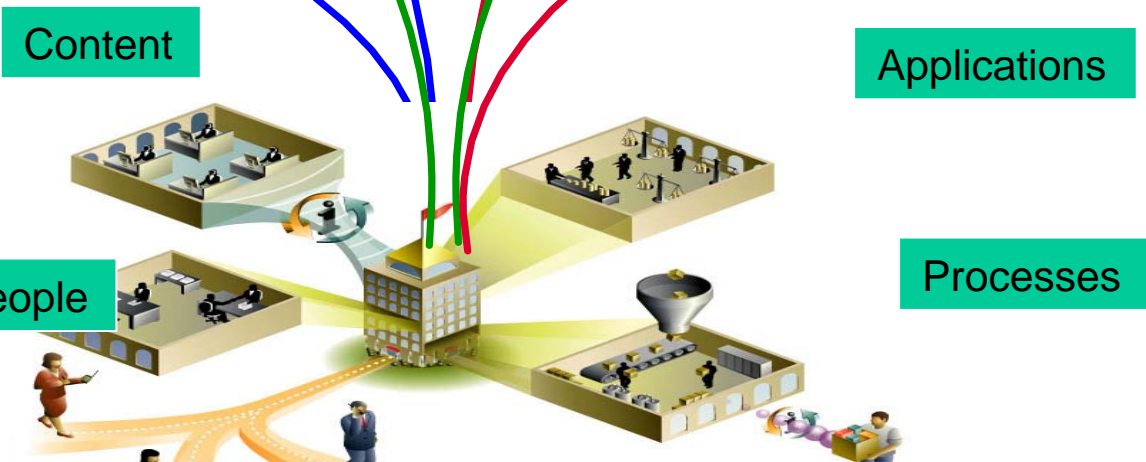
Where Portals are used in today's IT's

B2E Portals improve employee productivity and speed decision making



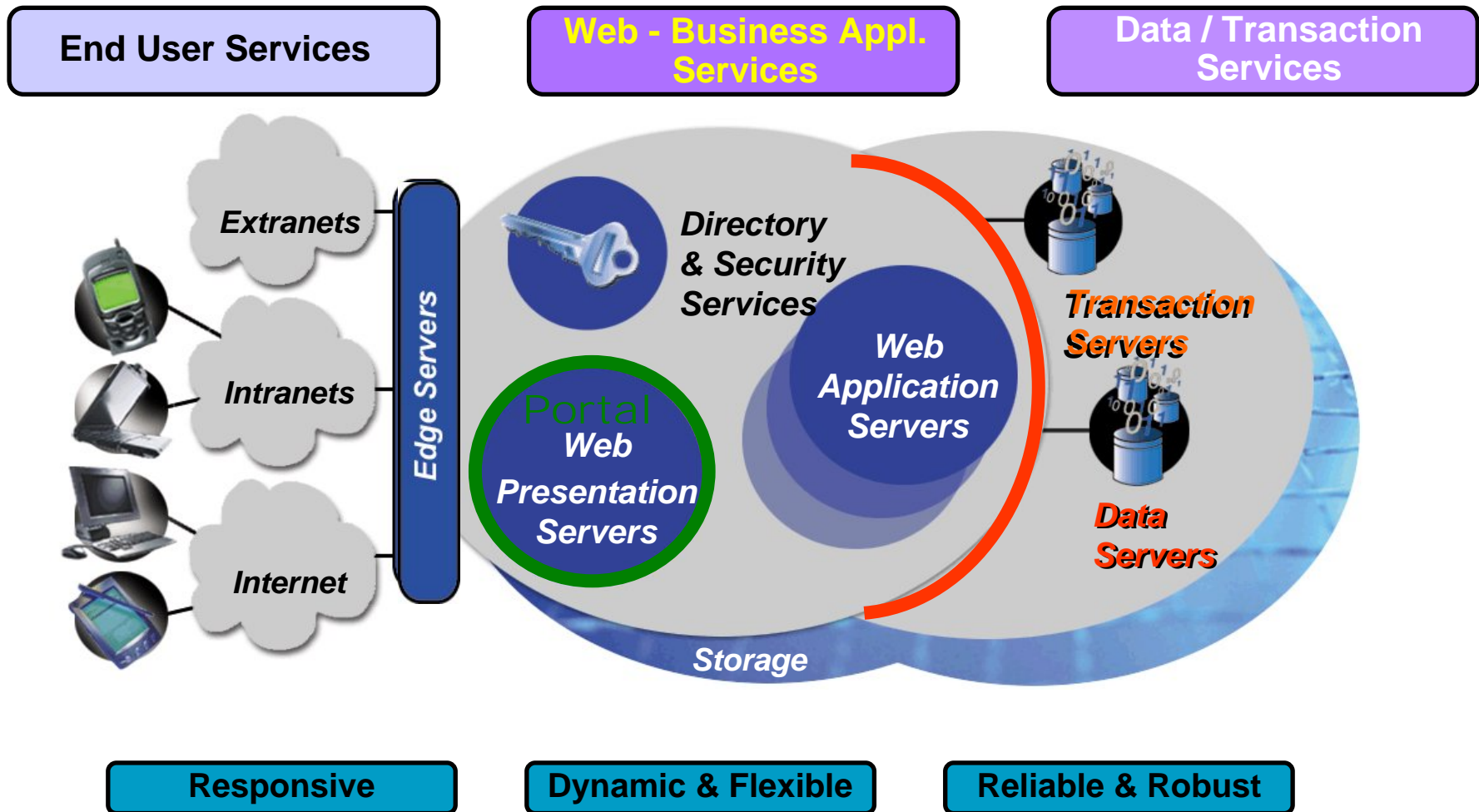
B2C Portals increase customer loyalty and cross-sell revenue

B2B Portals build partner relationships through integration with your business processes

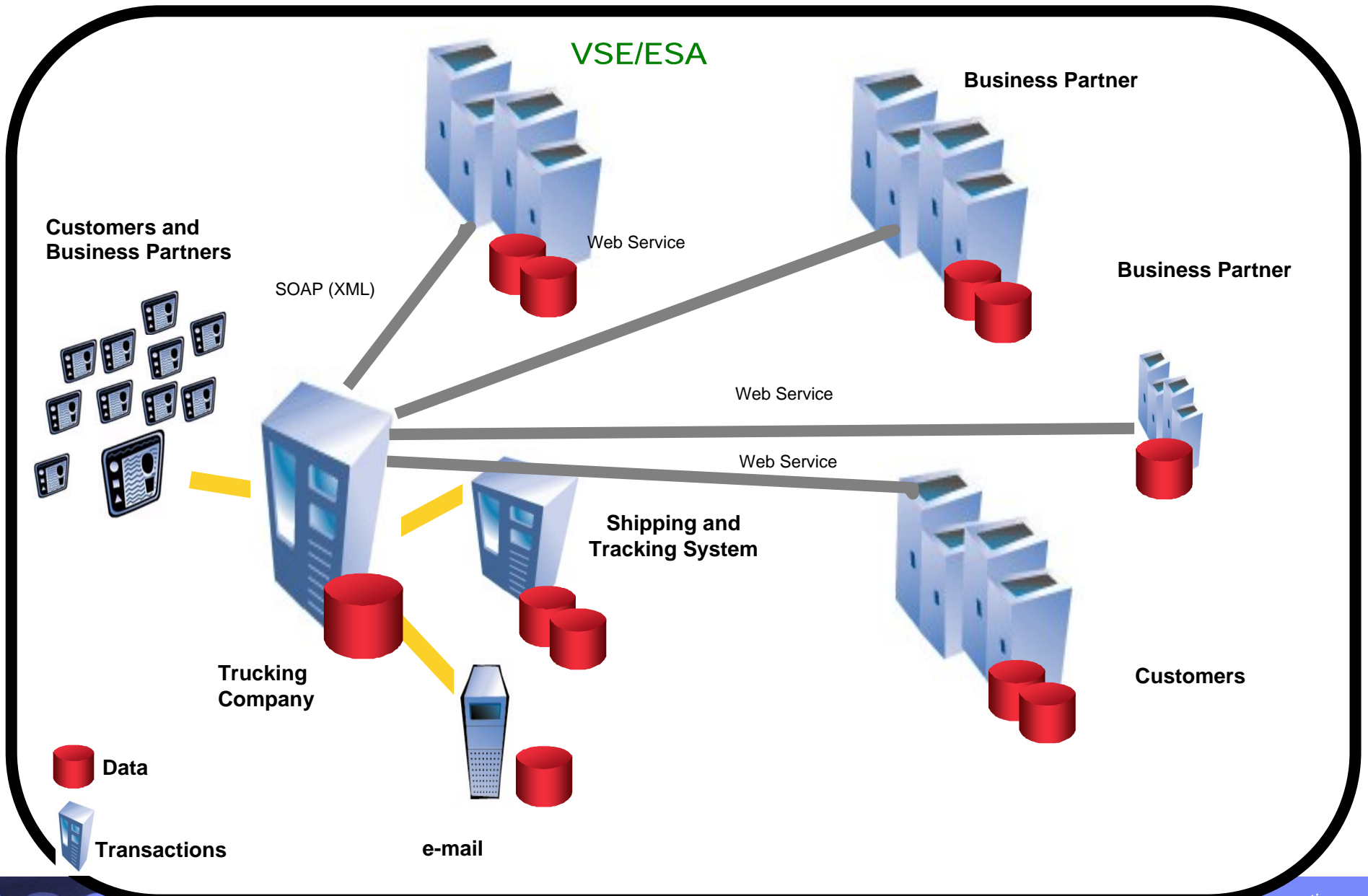


Common portal framework reduces costs and meets changing requirements

Infrastructure

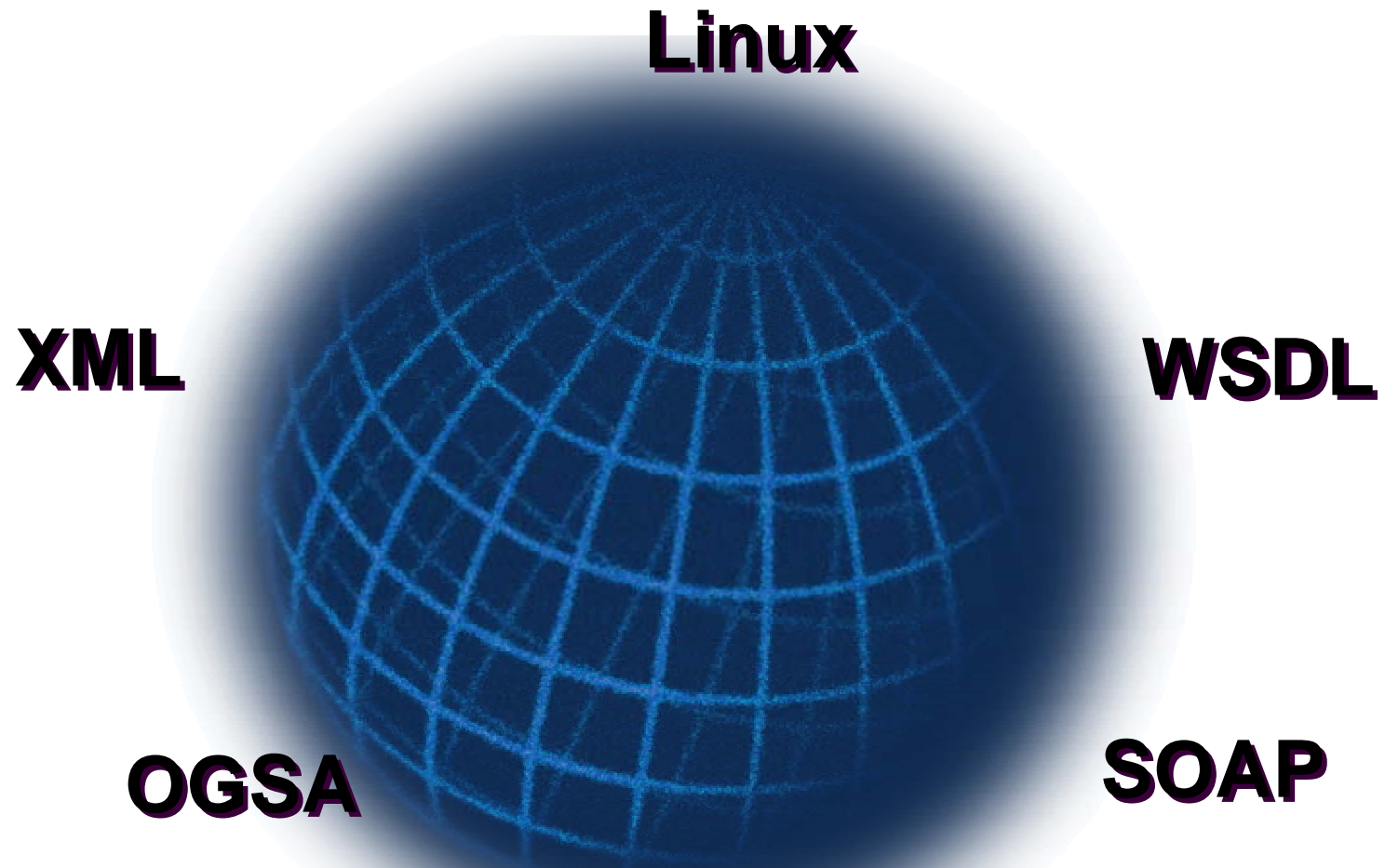


Web Services, for dynamic e-business



On Demand Operating Environment

Requirement: Open Standards



On Demand Operating Environment

Requirement: Integration



On Demand Operating Environment Requirement: Virtualized



Electronic support and Ordering

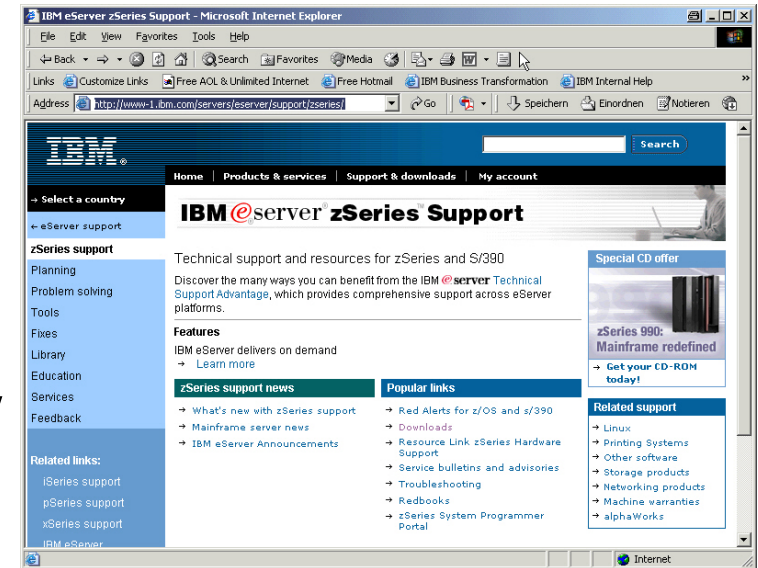
PTF orders via internet:

Electronic support for zSeries and VSE/ESA:

- Order your PTF's via the internet:

URL:

<http://www-1.ibm.com/servers/eserver/support/zseries/>



ShopZSeries:

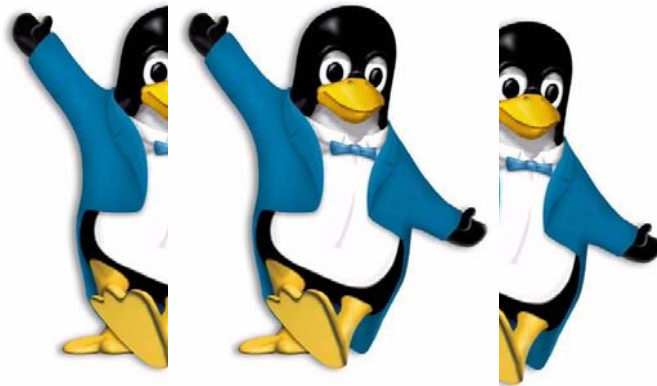
With ShopzSeries you can:

- order tailored product and service packages for z/OS, z/OS.e and OS/390
- order tailored product packages for z/VM, VM/ESA and VSE/ESA
- review your software licenses in all of these environments
- plan for future upgrades.
- URL: **<https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>**

Modernisation possibilities for today's distributed processes with VSE/ESA

- ✓ data exchange via FTP
 - ✓ VSAM Redirector- modernized FTP (incremental, cleansing)
- ✓ VSE Applications need access to remote data
 - ✓ VSAM Redirector
- ✓ synchronisation of data on different platforms
 - ✓ Incremental FTP, VSAM Redirector
- ✓ Access VSE data and resources from remote platforms
 - ✓ Java-Based Connector, VSE Script
- ✓ access VSE applications from remote platforms
 - ✓ CICSTransaction Gateway, Web Services
- ✓ access remote applications from VSE
 - ✓ Web Services via SOAP(XML)

VSE + Linux, a happy pair with the stability of a dinosaur and support from a bear .



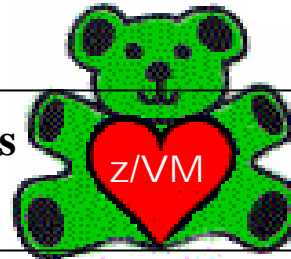
Linux for zSeries



z/VSE



z/VM – a platform, where pinguins can multiply like rabbits.



IBM eServer zSeries

Additional Information

- VSE/ESA Home Page
<http://www.ibm.com/servers/eserver/zseries/os/vse/>
- VSE/ESA e-business Connectors and Utilities
<http://www-1.ibm.com/servers/eserver/zseries/os/vse/support/vseconn/conmain.htm>
- e-business Connectors User's Guide SC33-6719
<http://www-1.ibm.com/servers/eserver/zseries/os/vse/pdf/ieswue10.pdf>



- e-business Solutions for VSE/ESA SG24-5662
- e-business Connectivity for VSE/ESA SG24-5950
- CICS Transaction Server for VSE/ESA
CICS Web Support SG24-5997-00
- ***NEW: Linux on zSeries: Connectors to z/OS and VSE*** ***SG24-7042 (April 2004)***



We appreciate your comments at : VSEESA@de.ibm.com