



MQSeries for Compaq Platforms Integration@Work

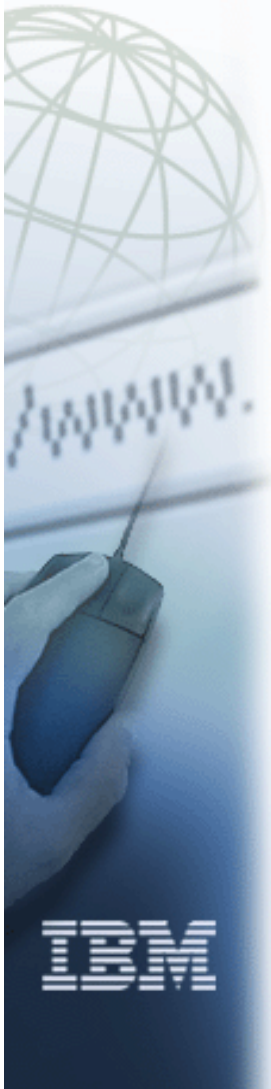
ITUG/DECUS 2000 - Vienna

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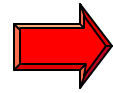




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Agenda



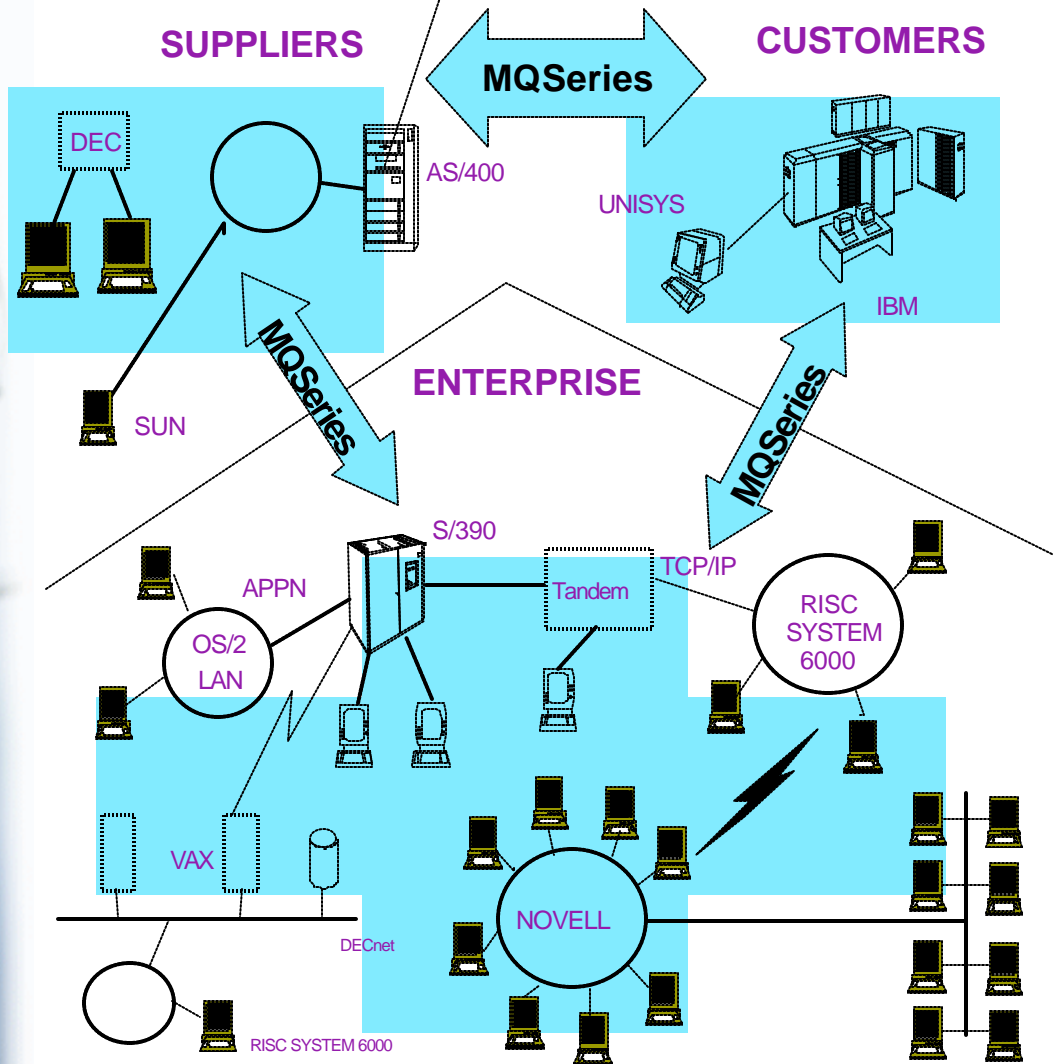
- **MQSeries Background**
 - ▶ MQSeries Basics
- MQSeries for Compaq platforms
 - ▶ MQSeries for Compaq NonStop Kernel
 - ▶ MQSeries for Compaq OpenVMS
 - ▶ MQSeries for Compaq Tru64 UNIX
 - ▶ MQSeries for Microsoft Windows NT
- MQSeries Family
 - ▶ MQSeries Integrator
 - ▶ MQSeries Everyplace
- Future Plans
- Q & A

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MQSeries for Business Integration



Link Islands

- Improve Productivity
- Improve Efficiency
- Improve Customer Service
- Reduce Costs
- **B2B**

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Asynchronous Middleware Features

3. Time Independent . .

- Overlapped (parallel) operations
- Freedom from partner program availability

2. Shielding Developers . .

- Concentration on business applications
- Communication protocol independence
- Fewer network connections

4. Robust Middleware . .

- Improved programmer productivity
- Assured message delivery and message recovery

1. One Interface . .

- Application Portability
- Easier cross-platform communication

The IBM logo, consisting of the letters 'IBM' in a bold, white, sans-serif font, positioned at the bottom of a vertical blue gradient bar on the left side of the slide.

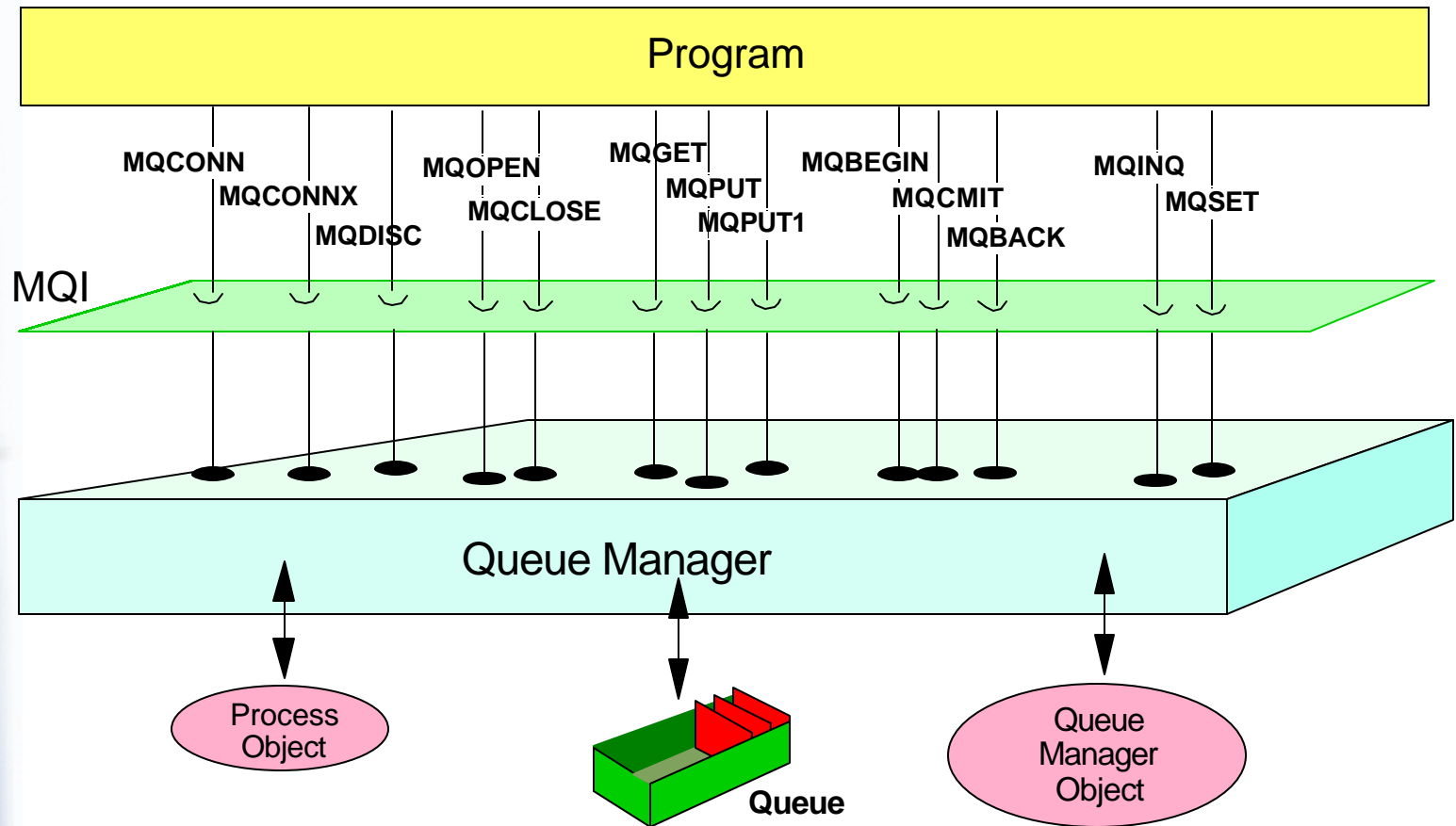
IBM

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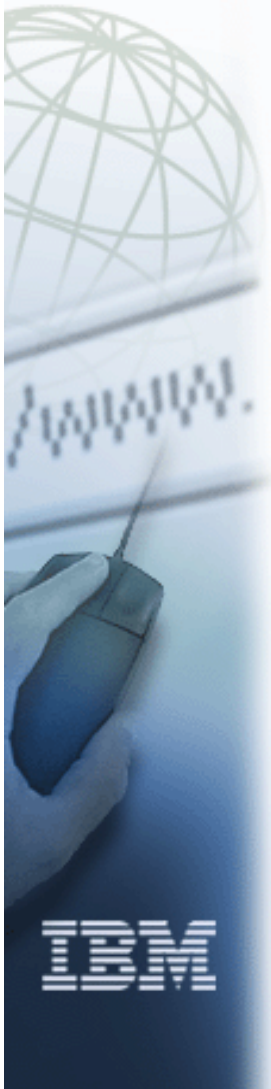
MQI - Messaging and Queueing API



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MQSeries - The Story so far

- Commercial Message Oriented Middleware
- Asynchronous Application <-> Application connectivity
- Simple API (MQI - Message Queue Interface)
- Over 35 supported operating systems
- Assured once only message delivery
- Defacto Standard



MQSeries
Commercial Messaging

- 70+% w/w market share in messaging engines in 1999
- 7000 customer sites
- 60% of North American and European banks use MQSeries

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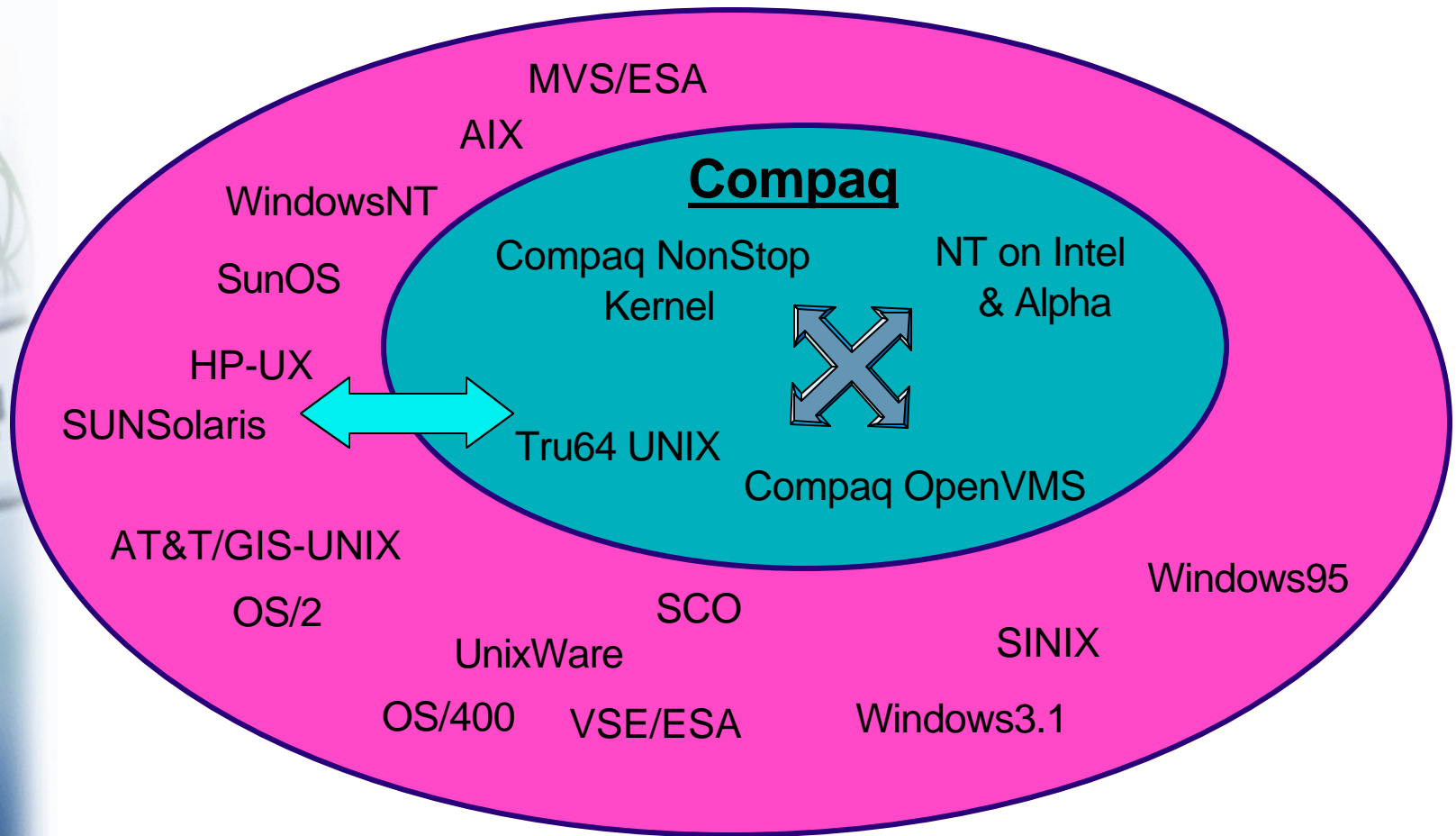
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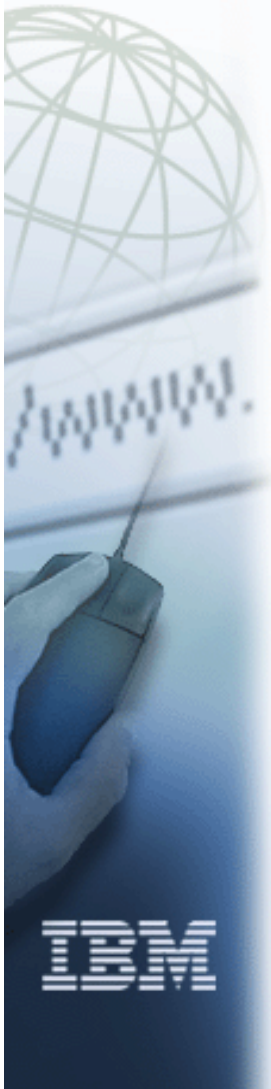
MQSeries for Compaq Platforms



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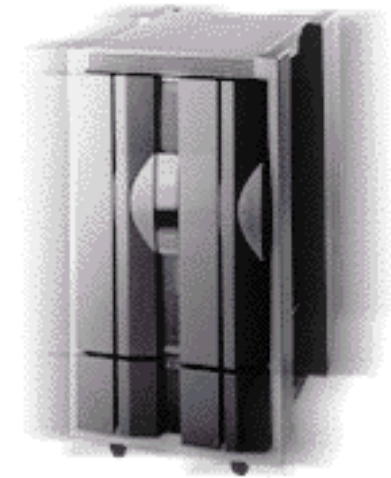


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MQSeries for Compaq NonStop Kernel

- Developed in conjunction with Compaq Tandem Division
- Tight Integration with Compaq NSK OS
- Extensive installed customer base
- Scalable Product Architecture
- S-Series ready
- Native code
- Version 2 Release 2.0.1

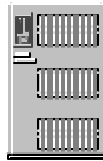


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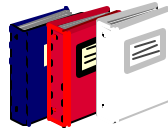
MQSeries for Compaq NSK - Environment



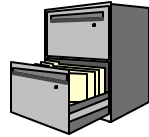
D3x, D4x, G02 or later
G0x



TCP/IP and SNAX from Tandem
Insession's ICE



TM/MP (TMF) - message logging and data integrity



Enscribe - message queue storage



TS/MP (PATHWAY) - restartability



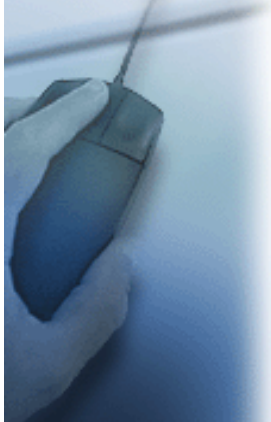
C, Cobol, TAL

IBM

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IBM

MQSeries on Compaq NSK at Tegut GmbH

- 400 branches
- Previous solution
 - ▶ Batch transmission
 - ▶ Fixed schedule, outside business hours
- Platforms:
 - ▶ MQSeries for Compaq NSK V2.2.0.1
 - ▶ MQSeries for Windows NT
- Business benefits ...



Thanks to MQSeries, data on Tegut's operations is captured and updated constantly and thus provides the most current information on inventory turnover, new orders and more. Wolfgang Mueller explains, "With MQSeries, we are able to track the movement of goods or identify product demand immediately."

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MQSeries for Compaq OpenVMS

- Runs on VAX & Alpha hardware
- Version 2 Release 2.1.1 (also known as ECO8)
 - ▶ Supercedes V2.2.1(no cost upgrade)
- More performant/efficient than original V2.2.1 release
- Support Pacs
 - ▶ Performance Report - MPD1
 - ▶ Configuration Guide for TCPWare - MC64
 - ▶ Troubleshooting Guide - MHD1

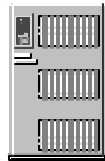


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MQSeries for Compaq OpenVMS - Environment



OpenVMS 6.2 or later 6.x, OpenVMS 7.1 & 7.2
VAX & Alpha Hardware



TCP/IP

Compaq TCP/IP Services (UCX) V4
Attachmate Pathway V2.5.1 or V3
Cisco Multinet V3.5
Process Software's TCPWare V5.2-3

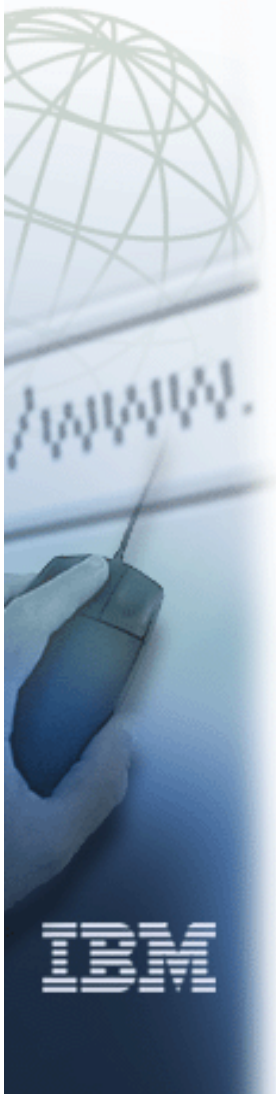
SNA

DECnet SNA Gateway
DECnet Phase IV & V (OSI)



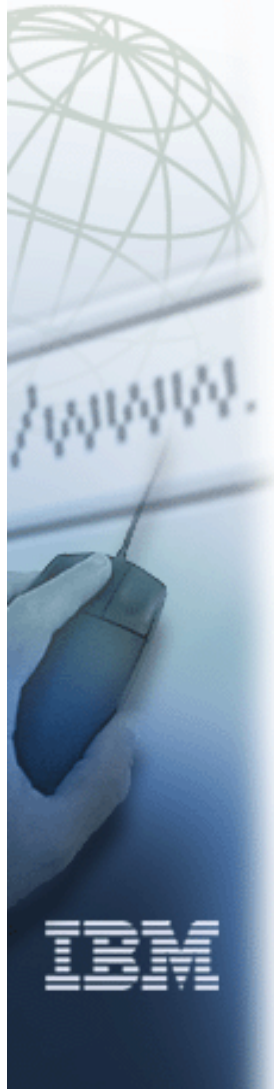
C, Cobol

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MQSeries for Compaq Tru64 UNIX

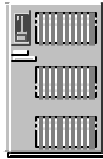
- Announced 4th April (last Tuesday !)
- Version 5 Release 1
 - ▶ Follow on release from the V2.2.1 for Digital UNIX
- MQSeries Link for R/3 for Compaq Tru64 UNIX
 - ▶ Enables SAP R/3 integration
- **BOTH Available April 14th 2000 (this Friday !)**
- Coming soon ...
 - ▶ MQSeries with Compaq TruCluster for High Availability
 - ▶ Publish / Subscribe Broker
 - ▶ web delivery



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MQSeries for Compaq Tru64 UNIX - Environment



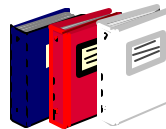
Digital UNIX V4.0.D, 4.0.E
Compaq Tru64 UNIX V4.0.F
Compaq Tru64 UNIX V5.0



TCP/IP supported as part of base OS
SNA Peer Server



C, C++, Cobol, Java



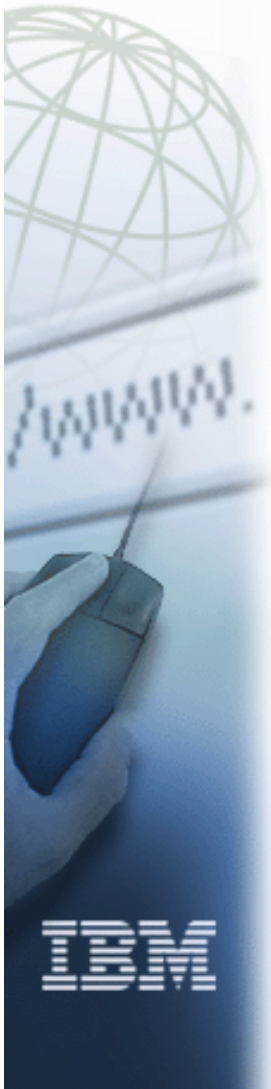
Oracle & Tuxedo support



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MQSeries for Windows NT

- Designed for Microsoft Windows NT
 - ▶ Tight integration with MMC (Microsoft Management Console) and ADSI
 - ▶ COM support for the MQI
 - ▶ Full Windows NT userid support
 - ▶ Supports and exploits Windows 2000
 - ▶ BackOffice Certified

- GUI for installation / configuration
- AMI, JMS support
- Microsoft Cluster Services (Wolfpack) support
- Version 5 Release 1

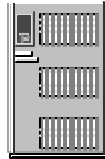


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MQSeries for Windows NT - Environment



Windows NT V4, SP3, SP4, SP5
Windows 2000



TCP/IP, NetBios, SPX
SNA

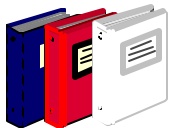
IBM Communications Server, Microsoft SNA Server
Attachmate Extra! Personal Client



IBM TXSeries for Windows NT
BEA Tuxedo



C, Cobol, PL/1, Java, VB



DB2 Universal Database, Sybase

IBM

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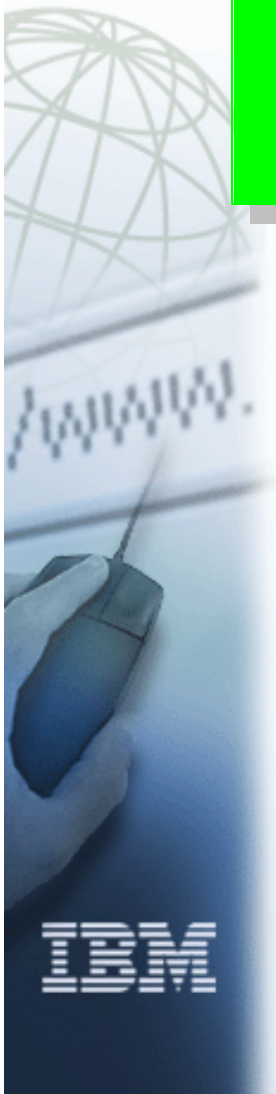
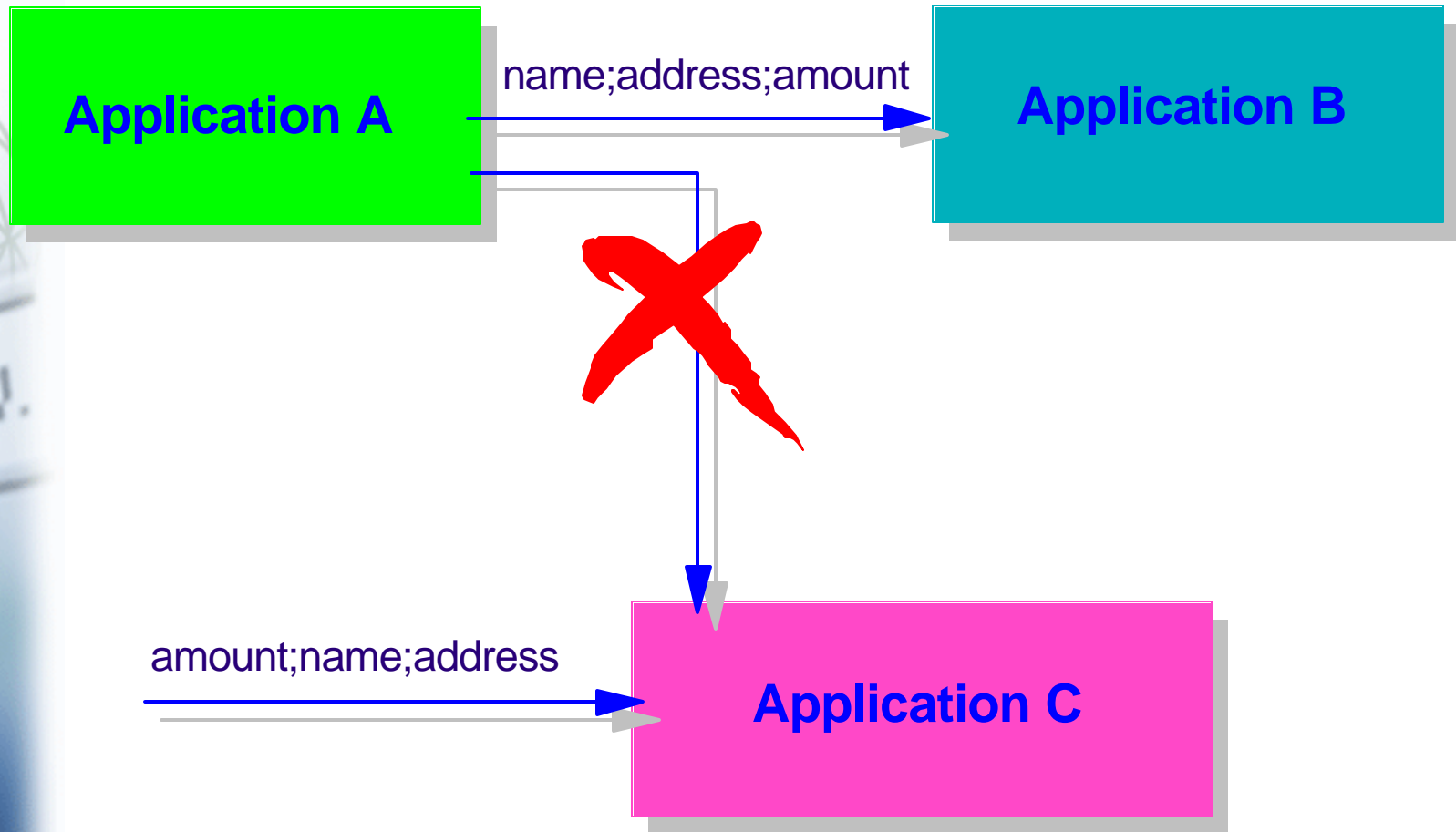
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Incompatible Message Formats



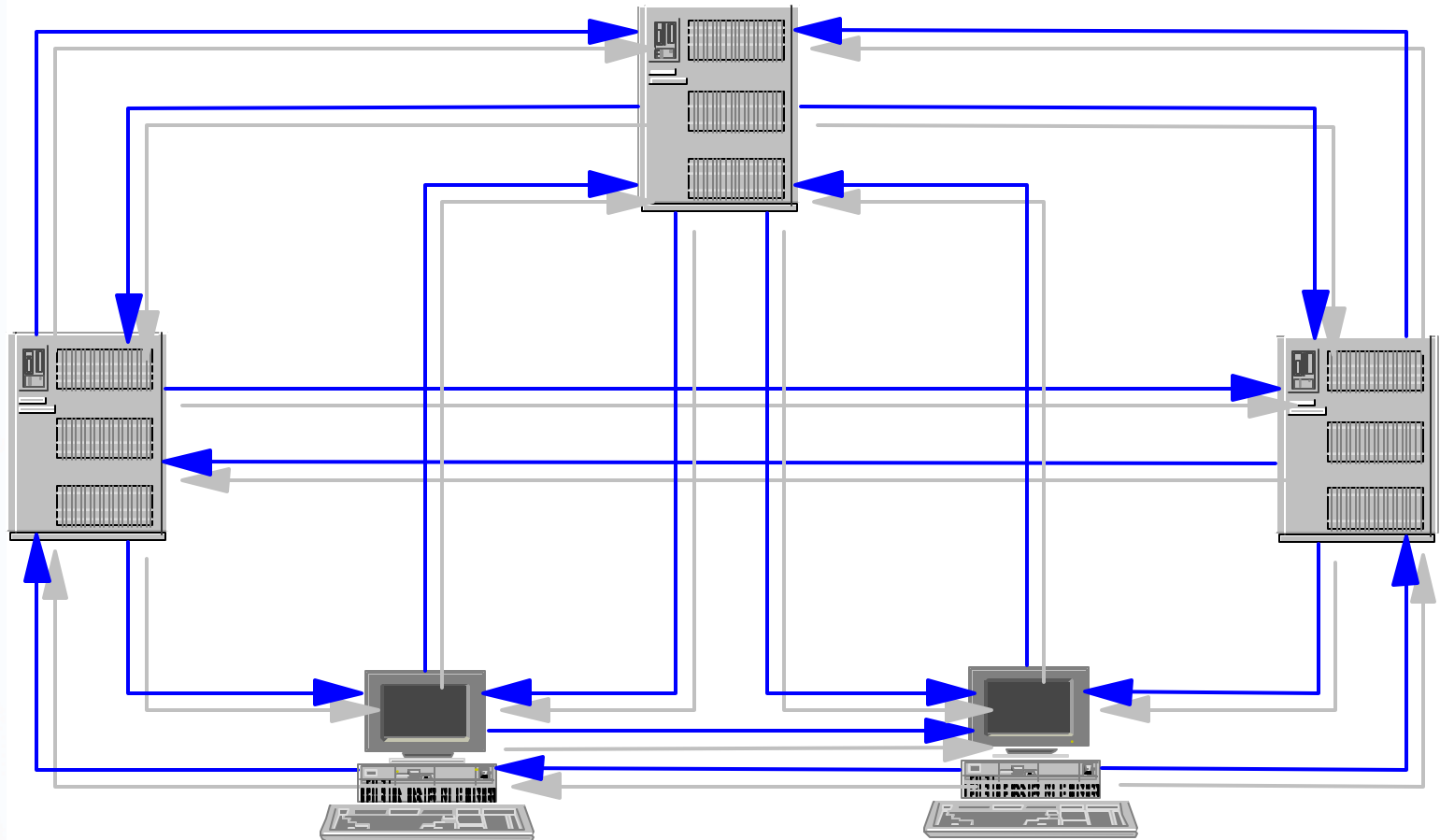
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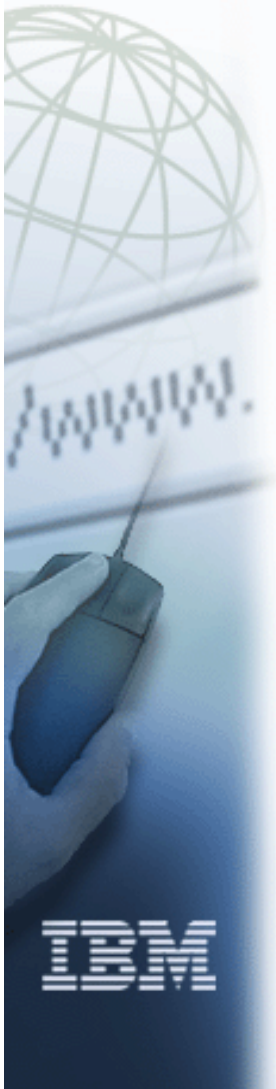


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Point-to-Point Links -> Complexity



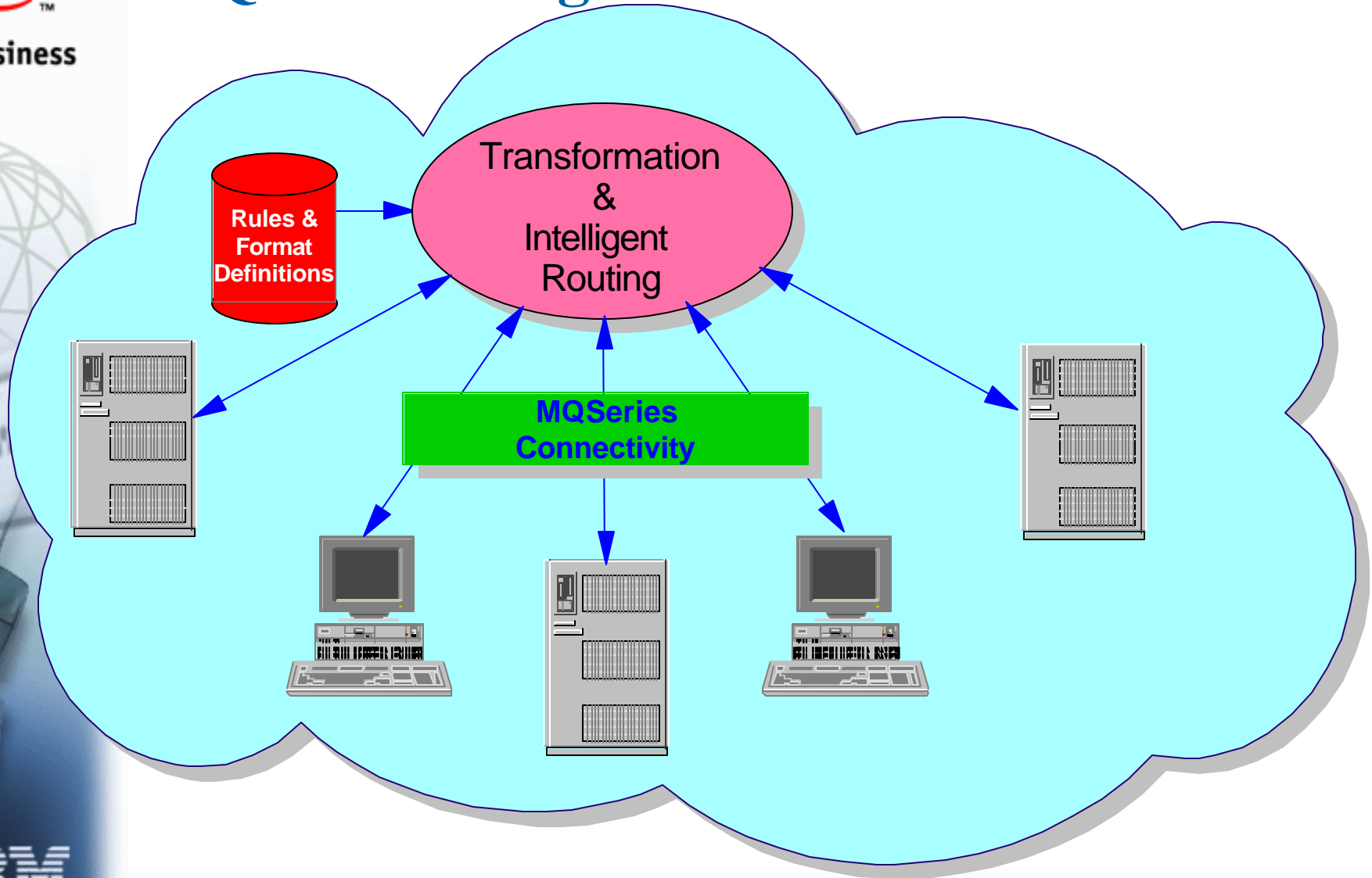
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MQSeries Integrator



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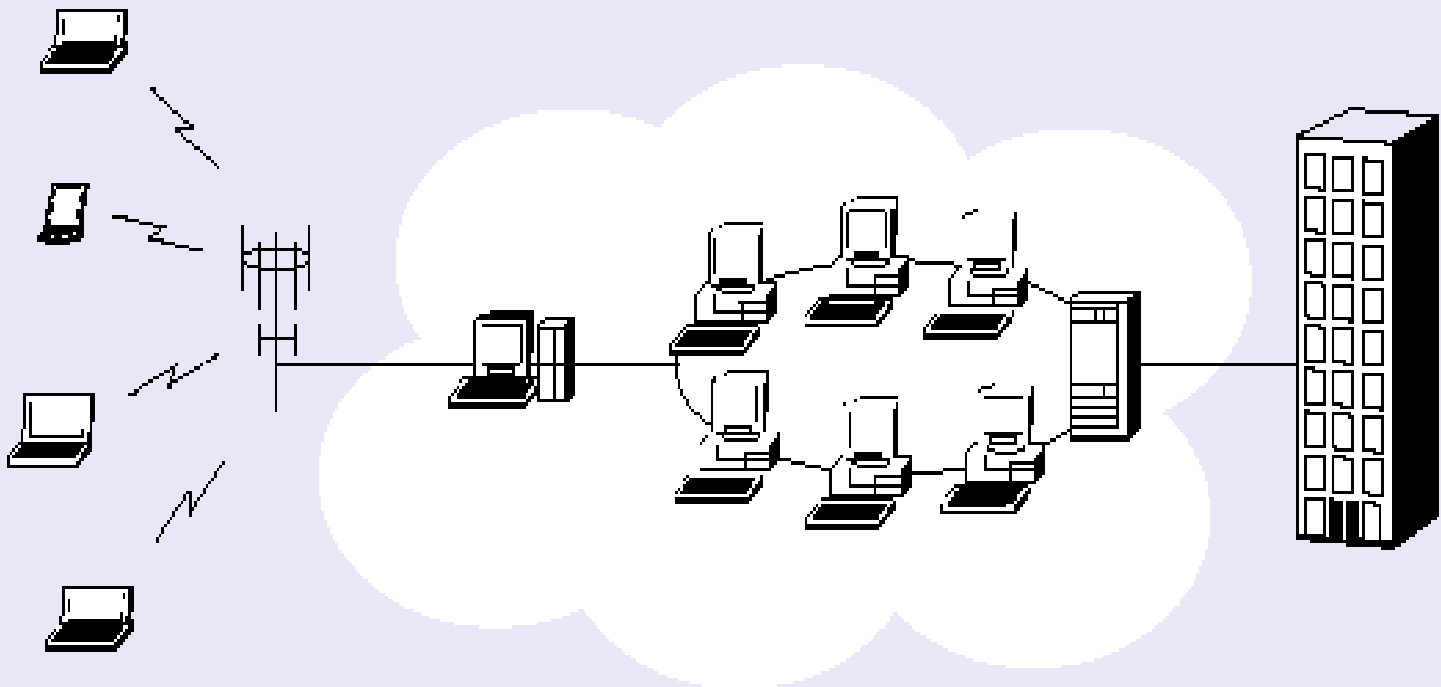
MQSeries Everyplace

People@work

People

MQSeries
network

Corporate data
and applications

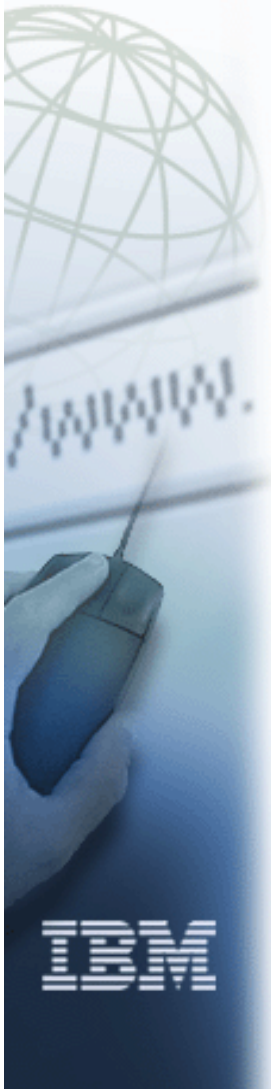


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MQSeries Everyplace

- Universal, reliable, low cost access
- Access wherever your workplace
- Reliable connections in unreliable environments

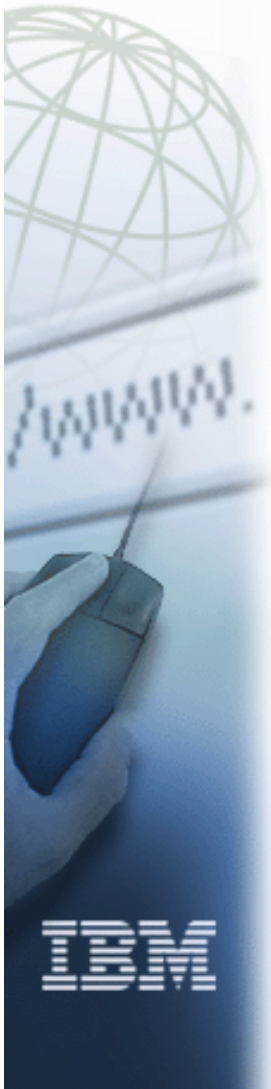
- MQSeries assured once only delivery
- Handheld device access to business applications via ...
 - ▶ MQSeries
 - ▶ MQSeries Integrator
 - ▶ MQSeries Workflow

- PalmOS, Java on EPOC, Windows (WinCE, 95, 98, NT, 2000)

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MQSeries the Industry

- Links into many environments
 - ▶ SAP R/3 Link
 - ▶ CICS Bridge
 - ▶ IMS Bridge
 - ▶ Lotus Notes
 - ▶ Databases, ...
- Over 300 Business Partners developing applications
 - ▶ Details in Business Partner directory
- Systems Management tools
 - ▶ Monitoring, deployment and configuration of MQSeries networks
- MQSeries application development tools
 - ▶ Ease embedding MQI calls into applications
- MQSeries the **transport of choice** for application vendors

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Future Plans - Compaq Platforms

- Consolidate offerings at V5.1 ...
- MQSeries V5.1 for Compaq NonStop Kernel
- MQSeries V5.1 for Compaq OpenVMS
 - ▶ Both of the above will include
 - MQSeries Clustering
 - 100MB messages
 - Internet gateway / C++ & Java support
 - Distribution lists
 - ▶ Many customer requirements also included
- We are interested in further input / requirements
 - ▶ Come and see us whilst we're at ITUG/DECUS 2000
 - ▶ Submit a requirement through your IBM rep.



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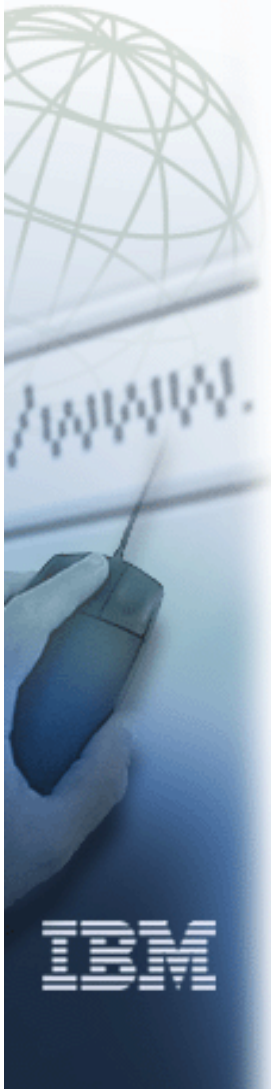


Further Information



- ITUG/DECUS 2000
 - ▶ Neil Postlethwaite, Peter Cripps at the IBM booth (225)
 - ▶ This presentation will be available on the MQSeries web site
- MQSeries home pages
 - ▶ <http://www.software.ibm.com/ts/mqseries>
- Service & Support pages
 - ▶ <http://www.software.ibm.com/ts/mqseries/support/>
- MQSeries Support Pacs
 - ▶ <http://www/software.ibm.com/ts/mqseries/txppacs/>

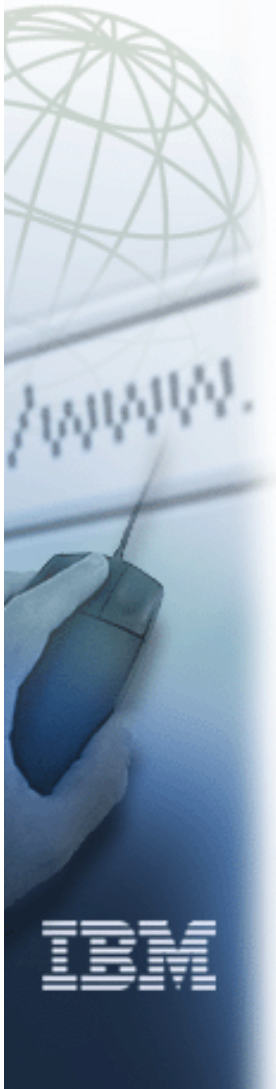
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Q & A



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