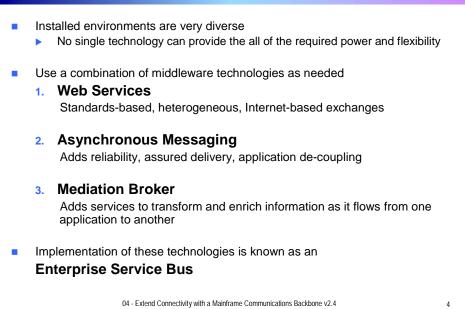
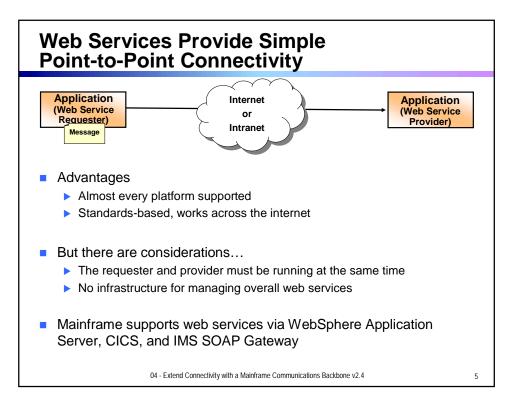
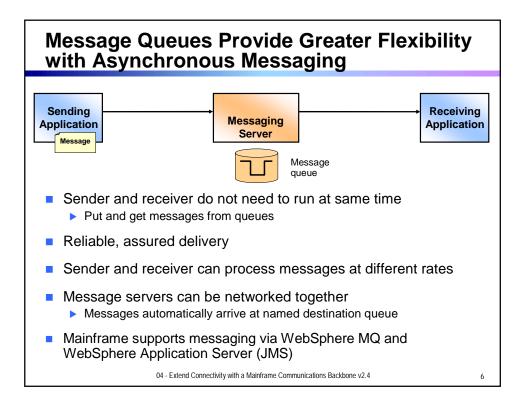
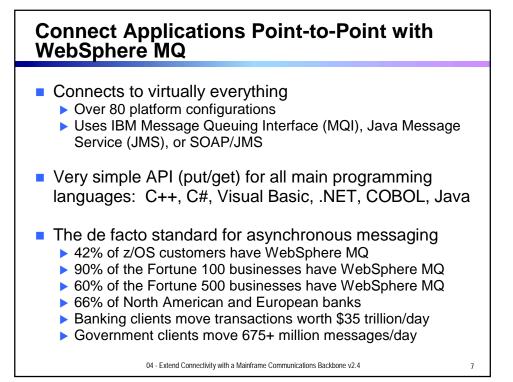


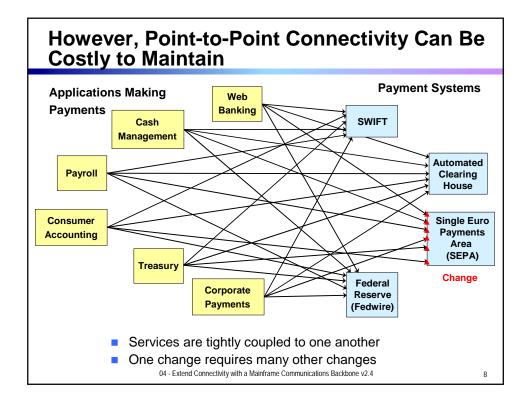
## How to Provide Application-to-Application Connectivity

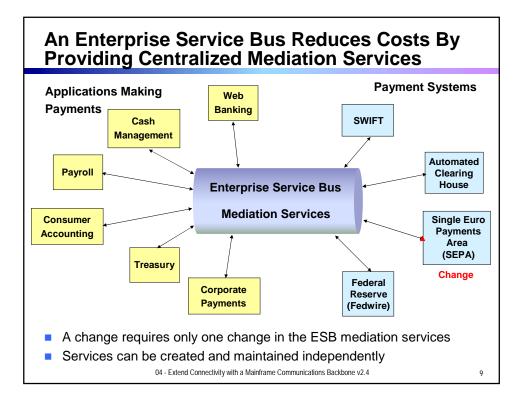


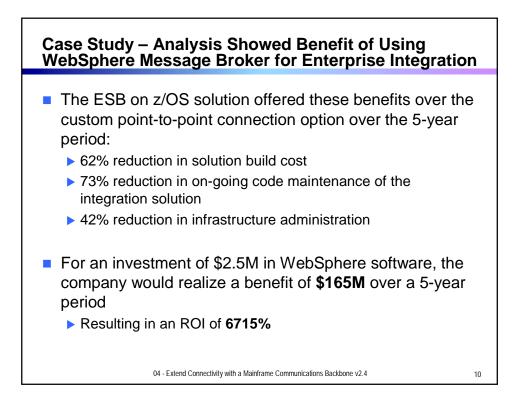


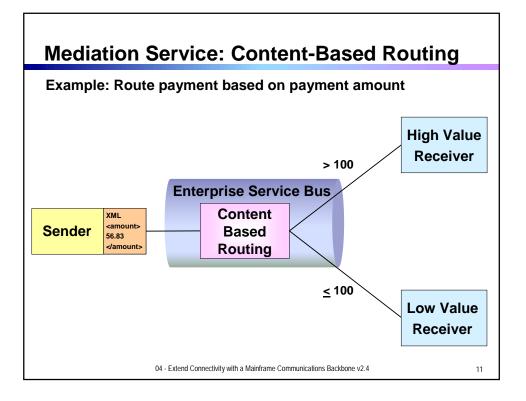


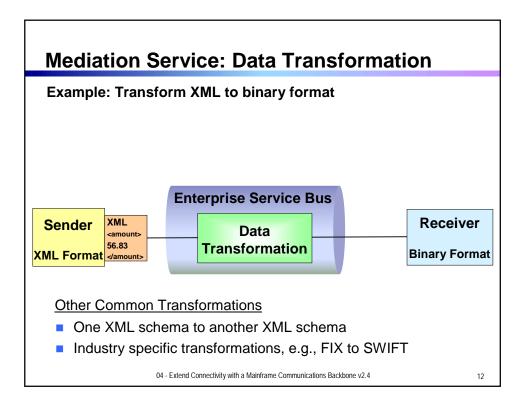


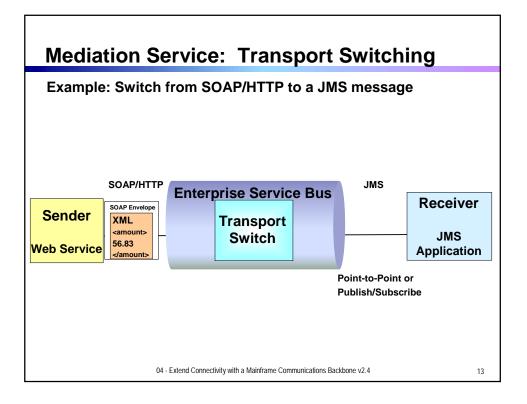


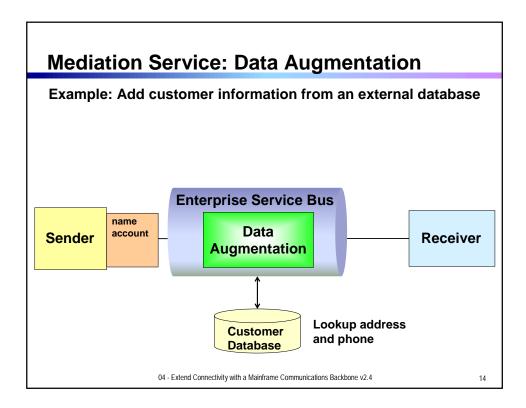


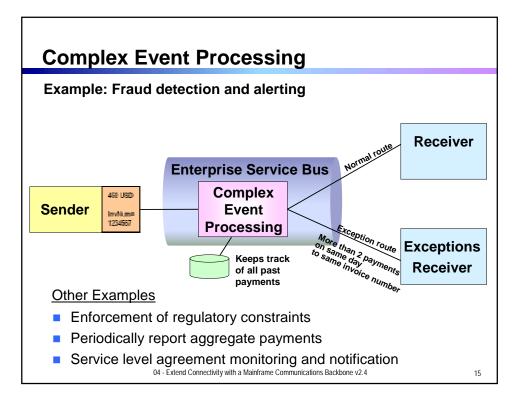


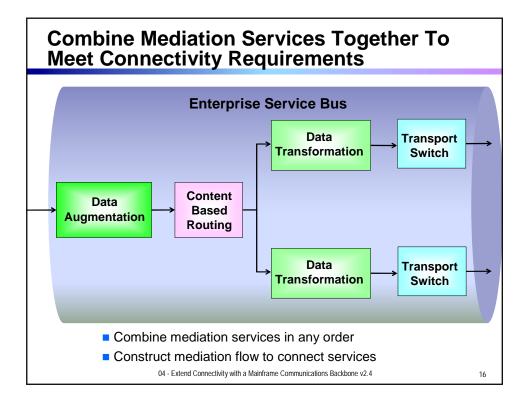


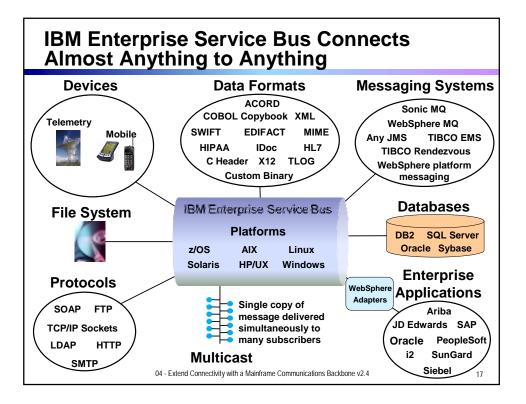




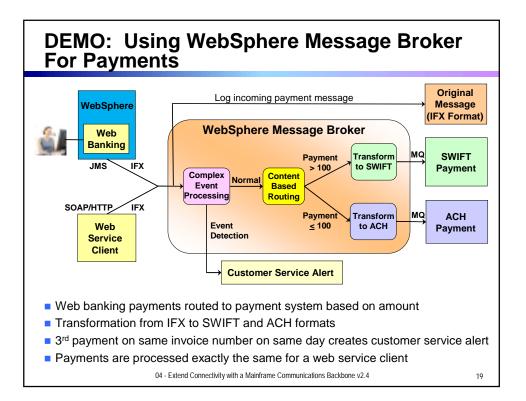


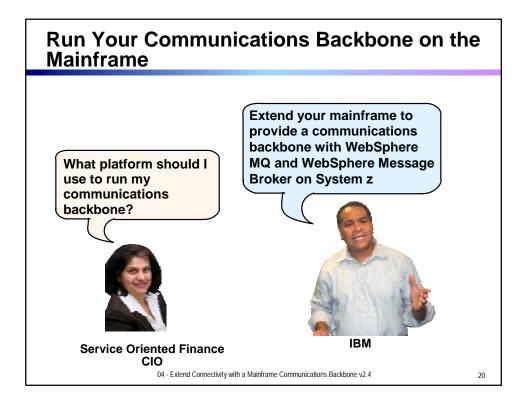


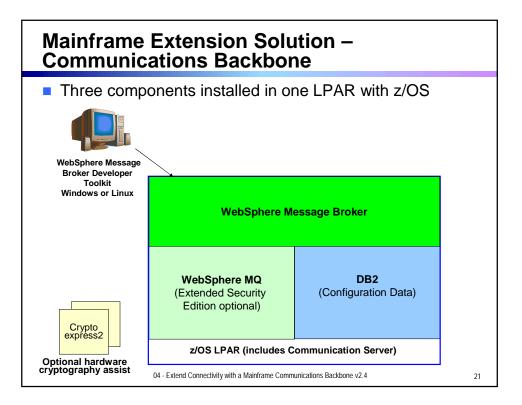




## **Implementing Your Enterprise Service Bus Depends Upon Your Requirements** Extend Reach Web Services and Mediation and Speed Ļ 5 L WebSphere Message Broker (Runs on z/OS) WebSphere ESB (Runs on z/OS) Built on WebSphere Application Server ~ Wide Range of Platforms 1 1 Web Services (SOAP/HTTP) ~ ~ 1 1 Content-Based Routing & Transformation **√ √** Transport Switching & Database Support Adapters for Enterprise Applications $\checkmark$ $\checkmark$ XML Data Format 1 1 Non-XML Data Formats 1 1 Complex Event Processing 1 Content-Based Publish/Subscribe Mobile and Telemetry Devices Multicast ~ Third Party Messaging Systems $\checkmark$ 04 - Extend Connectivity with a Mainframe Communications Backbone v2.4 18







## Communications Backbone Exploits z/OS Capabilities

- Exploits sysplex clustering to provide true 24X7 operations
- WebSphere MQ takes advantage of Parallel Sysplex to enable MQ shared queues
- RACF security
- Disaster recovery via GDPS
- Leverage Crypto Cards
- System z design delivers unmatched hardware reliability
- Capacity upgrade on-demand for unexpected peaks
- Hipersocket in-memory networking eliminates latency
- Message mediation done in memory
- Fully Automatic Restart Manager (ARM) enabled

