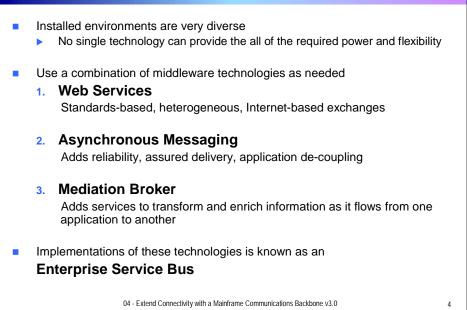
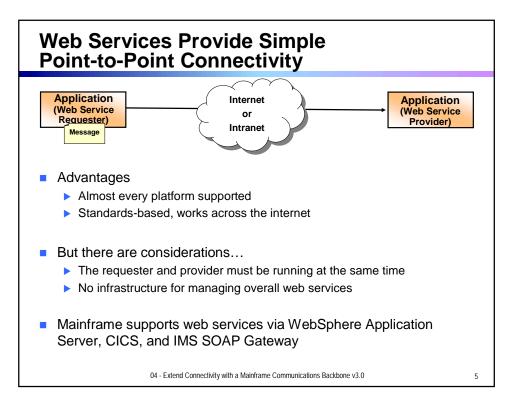
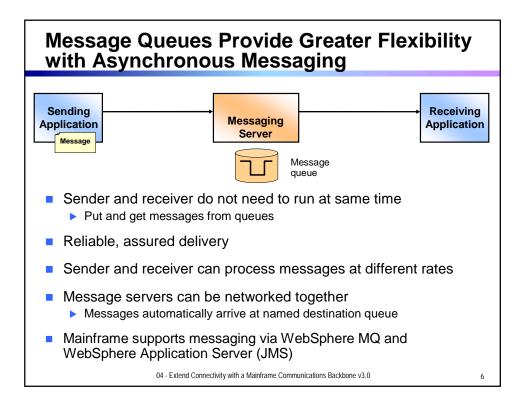
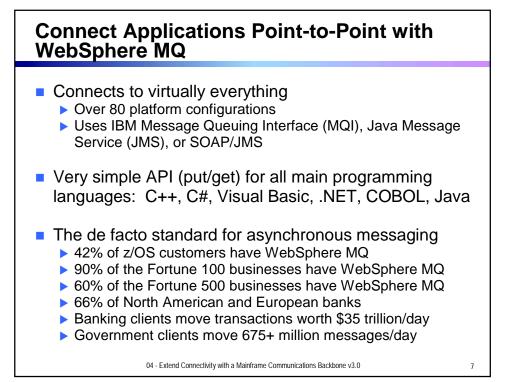


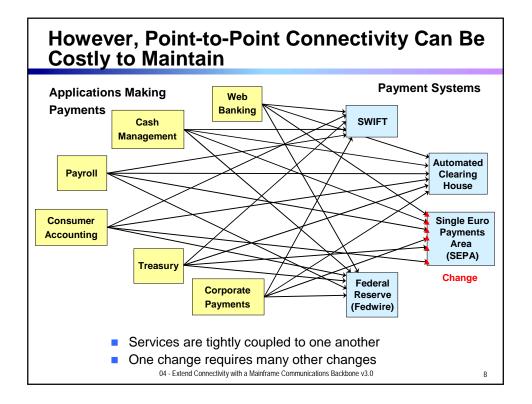
How to Provide Application-to-Application Connectivity

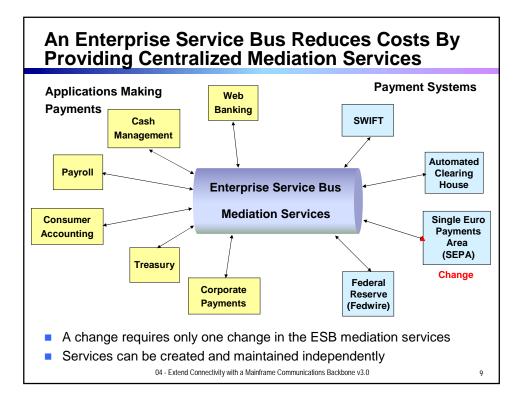


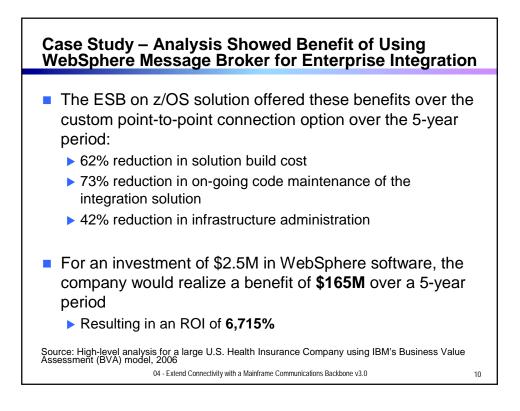


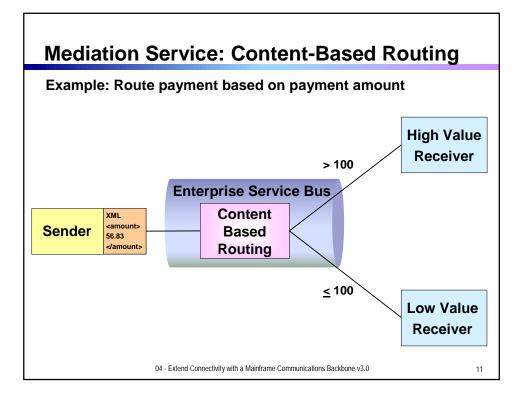


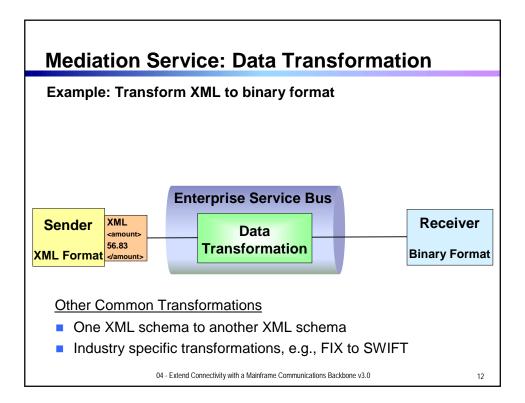


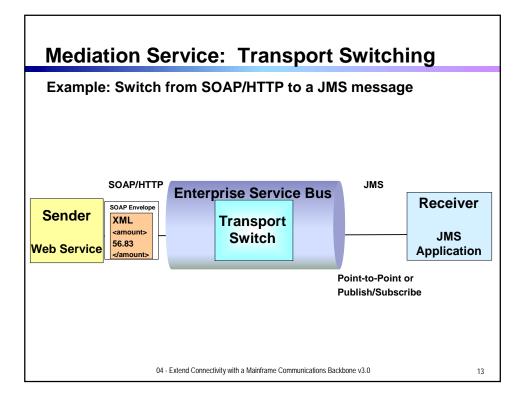


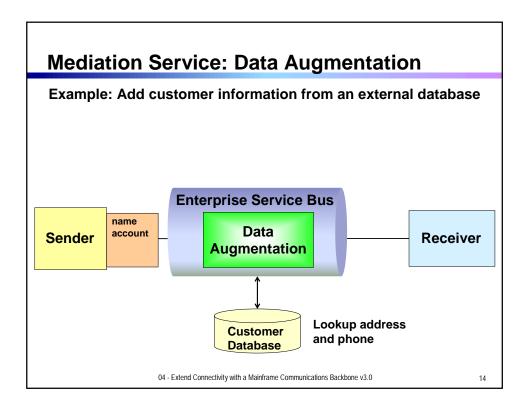


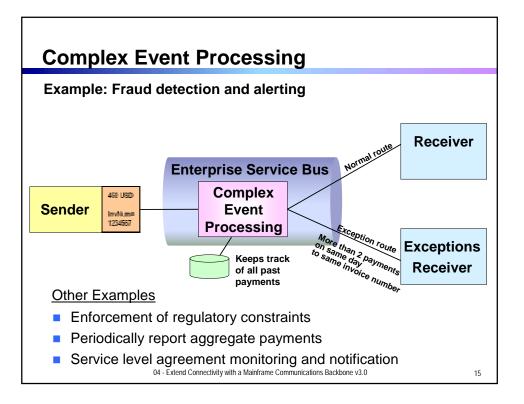


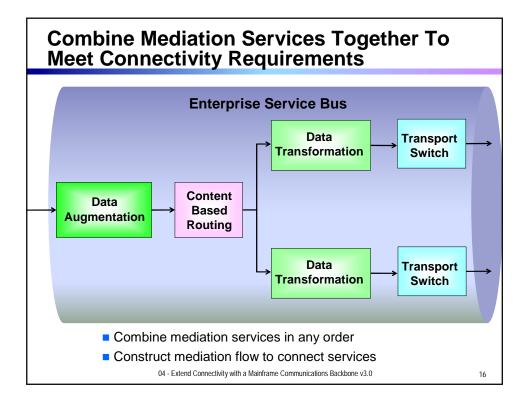


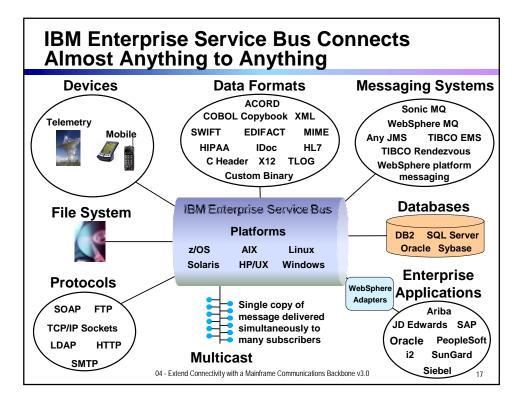




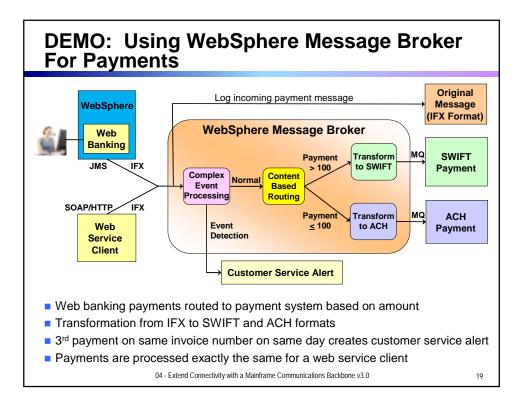


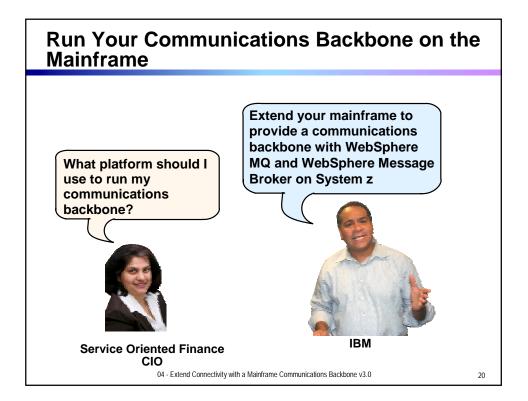


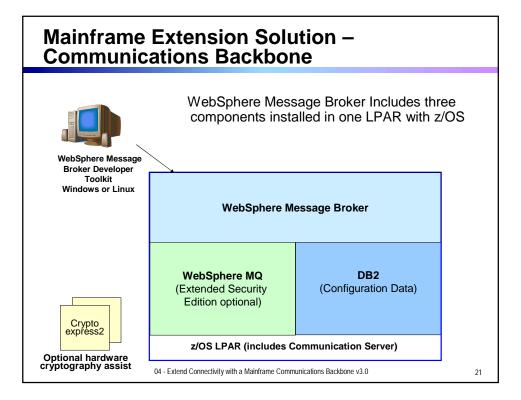




Implementing Your Enterprise Service Bus Depends Upon Your Requirements Extend Reach Web Services and Mediation and Speed Ļ 5 L WebSphere Message Broker (Runs on z/OS) WebSphere ESB (Runs on z/OS) Built on WebSphere Application Server ~ Wide Range of Platforms 1 1 Web Services (SOAP/HTTP) ~ ~ 1 1 Content-Based 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 v3.0 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
- Leverage System z hardware advantages
 - Huge I/O bandwidth
 - Hipersocket in-memory networking eliminates latency
 - Unmatched hardware reliability
 - Crypto Cards accelerate encryption
- RACF security
- Disaster recovery via GDPS
- Capacity upgrade on-demand for unexpected peaks

04 - Extend Connectivity with a Mainframe Communications Backbone v3.0

