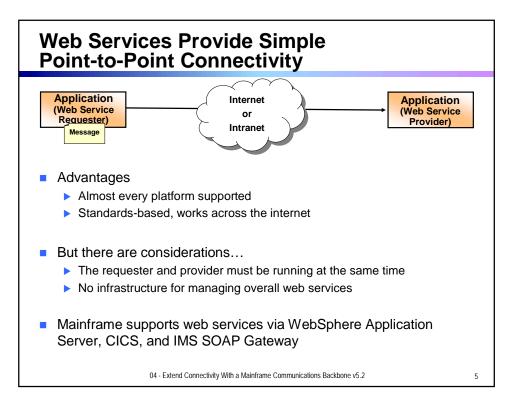
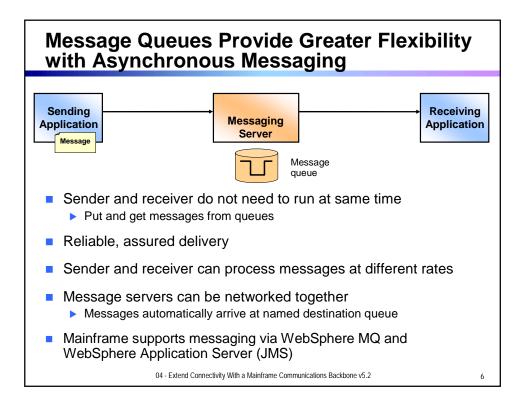
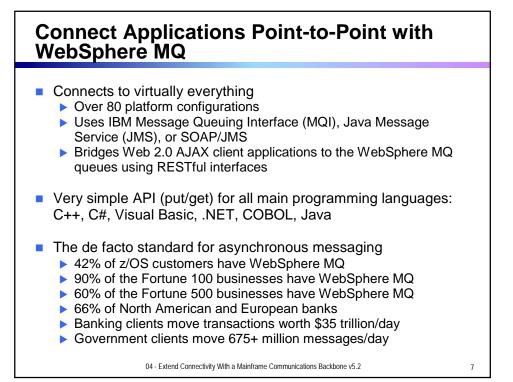


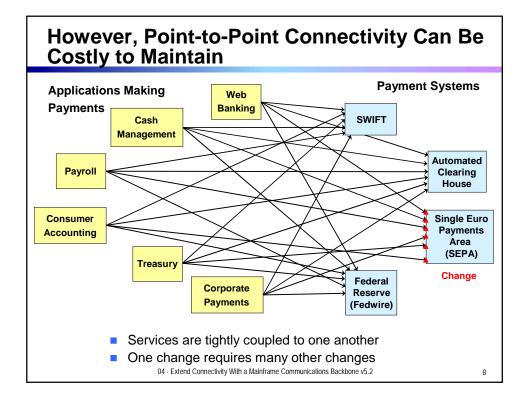
## How to Provide Application-to-Application Connectivity

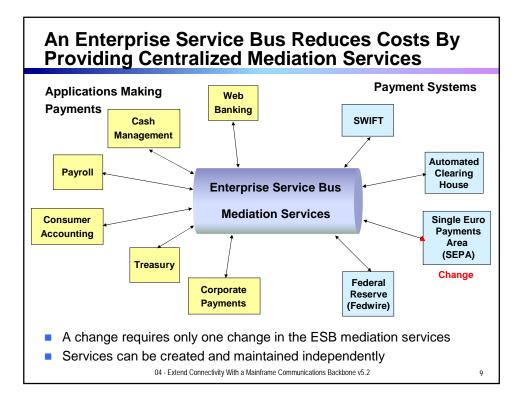


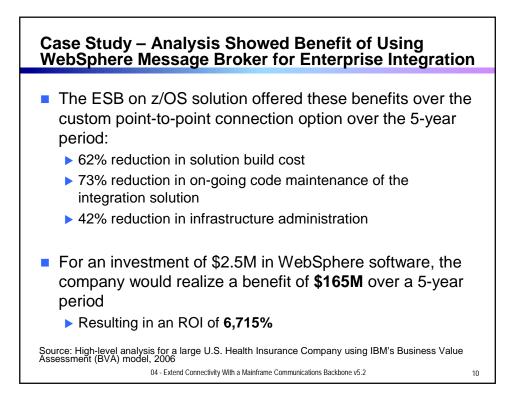


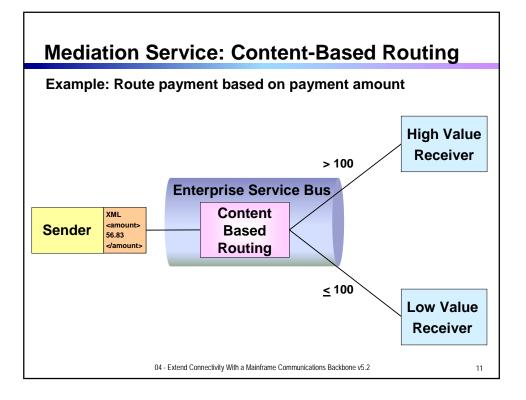


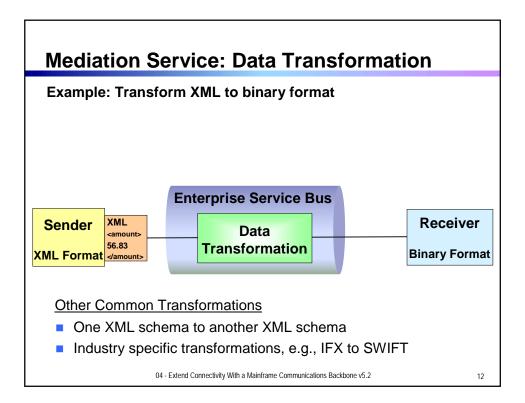


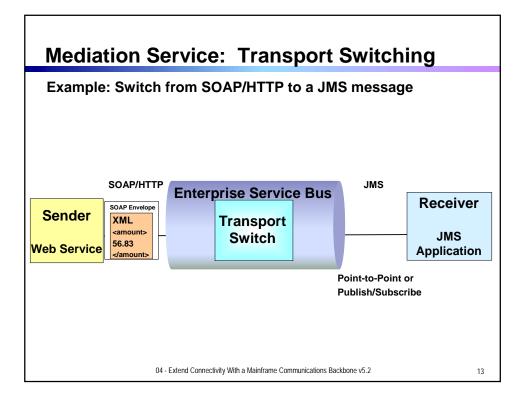


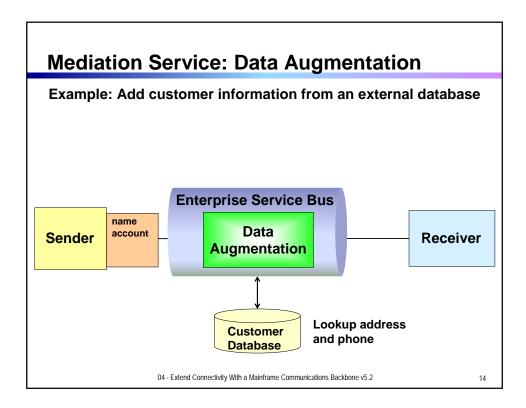


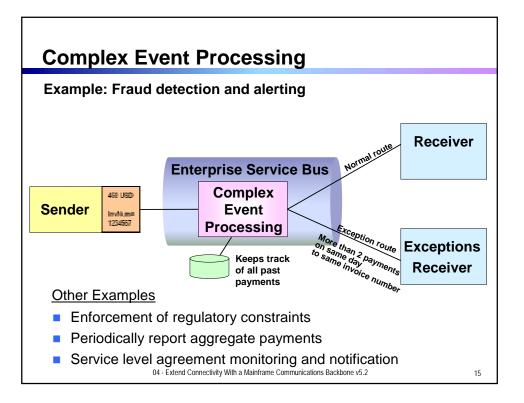


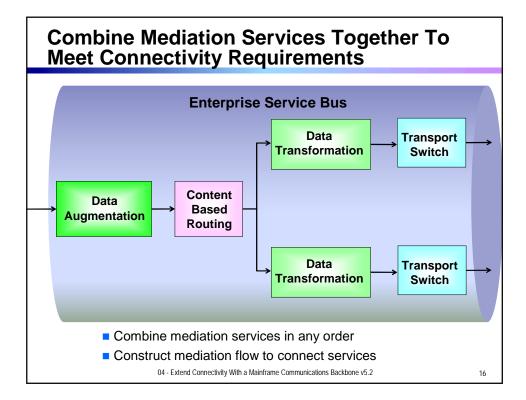


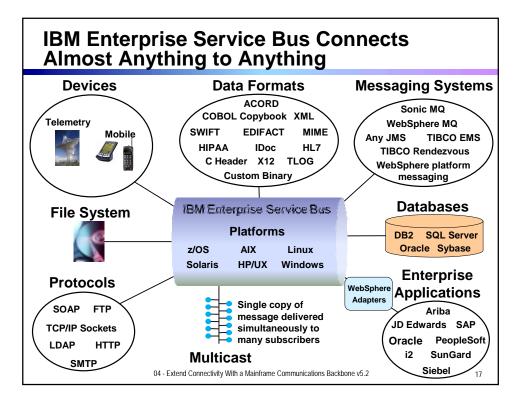




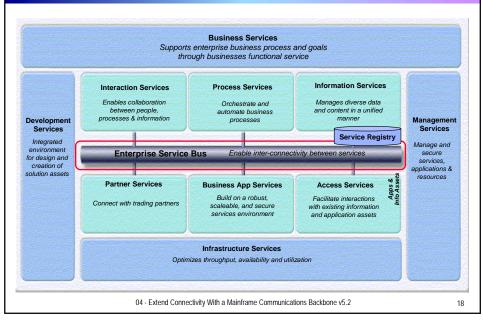






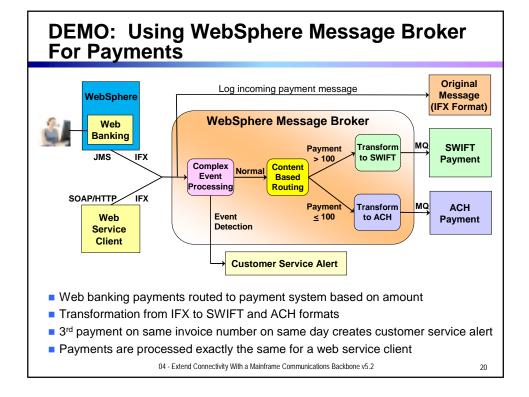


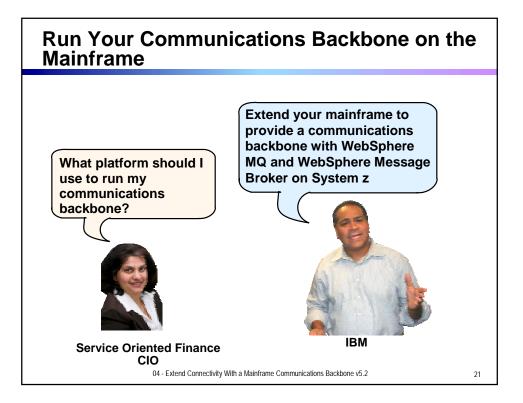
## An Enterprise Service Bus Serves as the Communications Backbone to Connect All Services

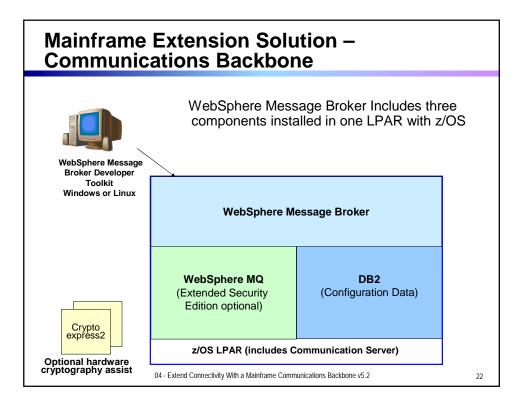


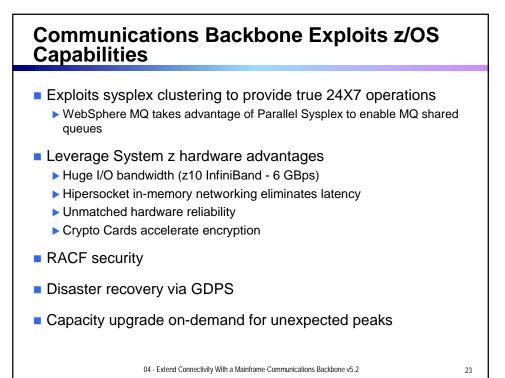
## Implementing Your Enterprise Service Bus Depends Upon Your Requirements

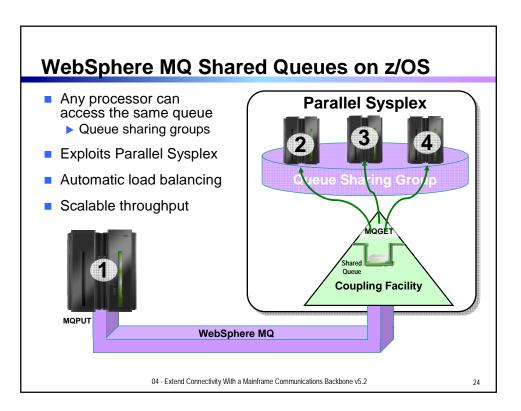
	Web Services and Mediation	Extend Reach and Speed
	WebSphere ESB (Runs on z/OS)	WebSphere Message Broker (Runs on z/OS)
Built on WebSphere Application Server	✓	
Wide Range of Platforms	$\checkmark$	✓
Web Services (SOAP/HTTP)	✓	✓
Content-Based Routing & Transformation	✓	✓
Transport Switching & Database Support	$\checkmark$	$\checkmark$
Adapters for Enterprise Applications	$\checkmark$	√
XML Data Format	$\checkmark$	✓
Non-XML Data Formats		✓
Complex Event Processing		✓
Content-Based Publish/Subscribe		✓
Mobile and Telemetry Devices		✓
Multicast		✓
Third Party Messaging Systems		✓

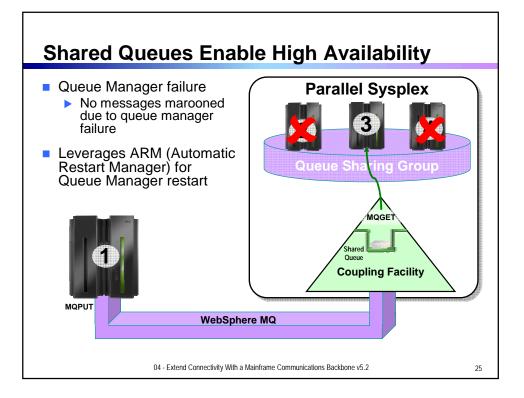








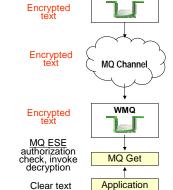




## WebSphere MQ Extended Security Edition for z/OS V6 Enhances Security and Compliance

04 - Extend Connectivity With a Mainframe Communications Backbone v5.2

- Protects message data end-to-endincluding when it resides in queues.
  3 security levels:
  - None-authorization only
  - Integrity-attaches digital signatures to messages
  - Privacy-encrypt/decrypt
- Exploits System z cryptographic processor
- Simple upgrade on top of WebSphere MQ
  - Intercepts application message before it enters/leaves queues
- Provides key element of solution for Payment Card Industry (PCI) Data Security Standard (DSS)



Clear text

MQ ESE authorization

check, invoke

integrity/ encryption Application

MQ put

WMQ

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