

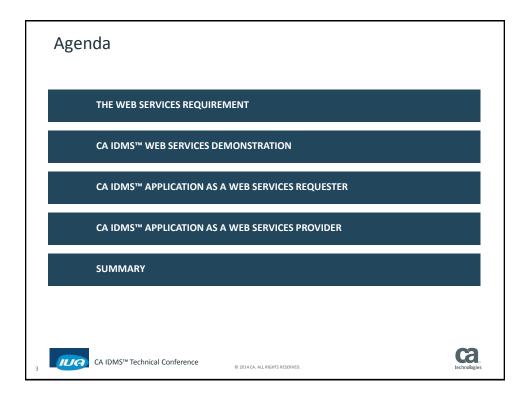
Abstract

- The vision of CA IDMS 19.0 is to improve CA IDMS modernization capabilities through features that enable customers to expand investments in core CA IDMS applications and improve developer productivity using modern skills and industry-standard technology.
- This session discusses a CA IDMS 19.0 project to simplify integration of CA IDMS applications and Web services.

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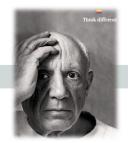






Application development *for* the mainframe

Declining



Application development leveraging the mainframe

New and Growing

Mainframe app dev:

 Enterprises differentiate themselves by providing services closer to the customer via mobile and web apps

Utilizing the **mainframe** as the *System of Record* at the heart of the Dynamic Data Center

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Integrations Increase Complexity and Reduce Flexibility



4 Nodes 6 Connections



8 Nodes 28 Connections

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Web Services

Services that:

- Support business processes
- Are reusable
- Can be loosely coupled for interoperability
- Can be combined to build applications





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Web Services In Action

- Provide location information
- Request shipment status
- Ask for a quote
- Approve payment
- Change miles to kilometers
- Convert currency



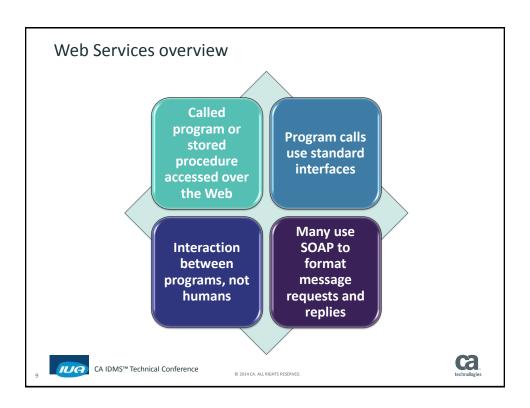


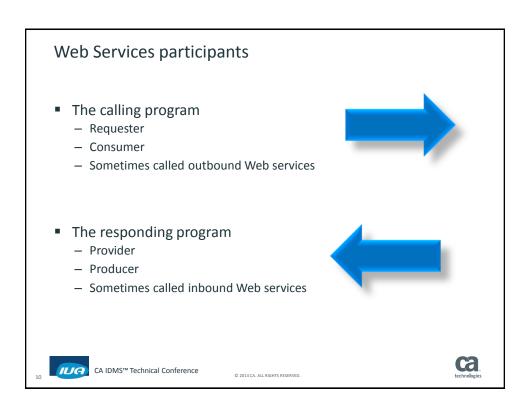
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Web Services Technology

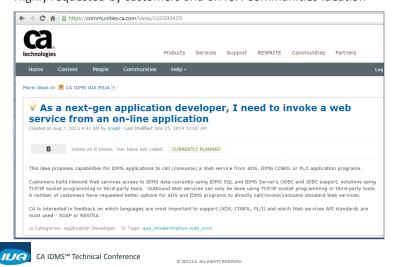
- SOAP
 - Simple Object Access Protocol for message format
 - XML-based
 - May include a WSDL contract describing interface
- RESTful
 - Representational State Transfer
 - Lighter weight, service provider and consumer know the interface
 - Good for internal, loosely coupled and mobile services
 - May be stateless
- Transport via HTTP or JMS
 - SOAP over HTTP better for external Web services, not guaranteed
 - SOAP over JMS better for internal use, guaranteed response
- JSON emerging as alternative to XML





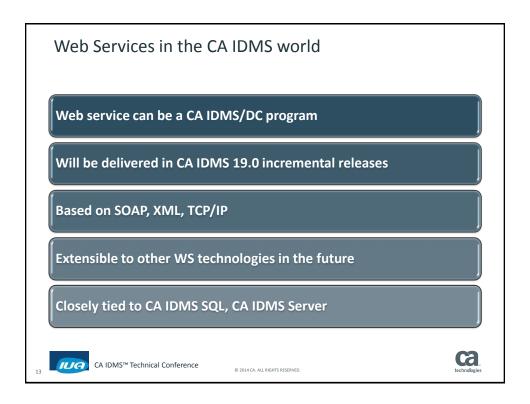
Why Web Services for CA IDMS?

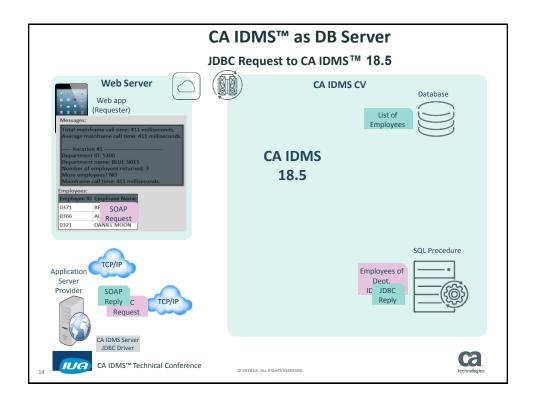
- Better CA IDMS application integration in application economy
- Highly requested by customers and on IUA Communities Ideation





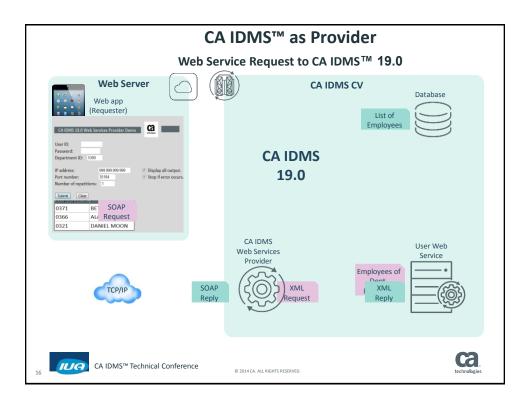


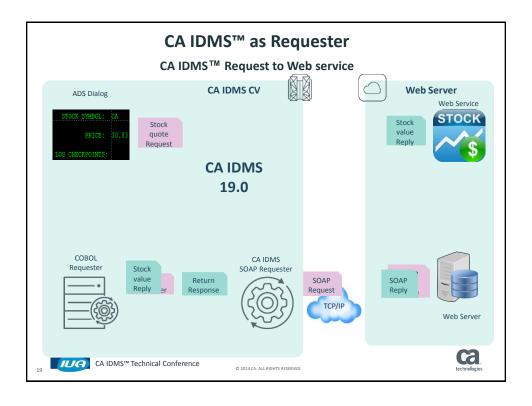






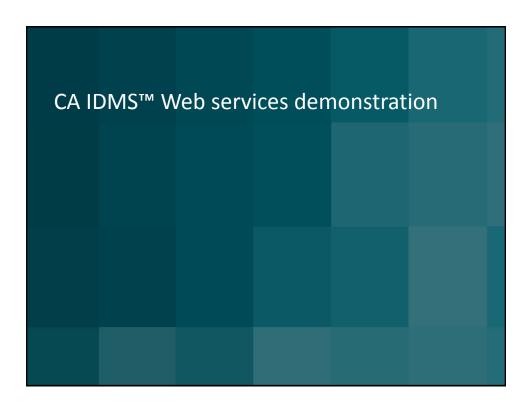


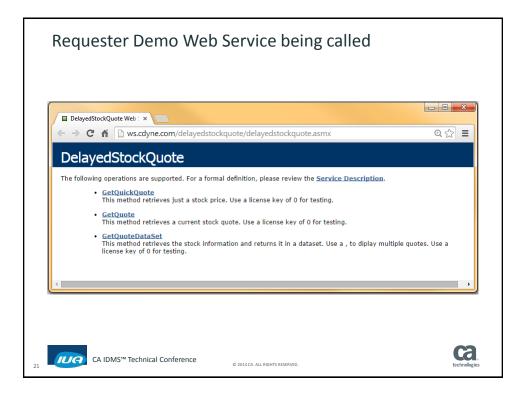








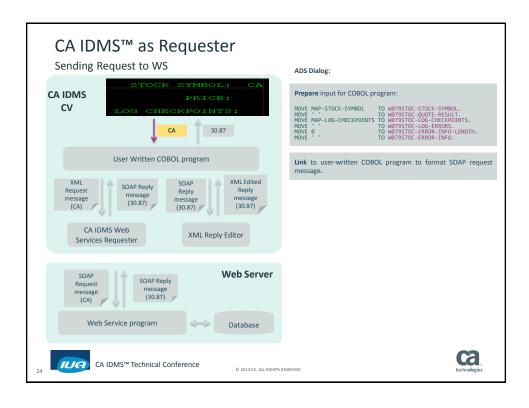




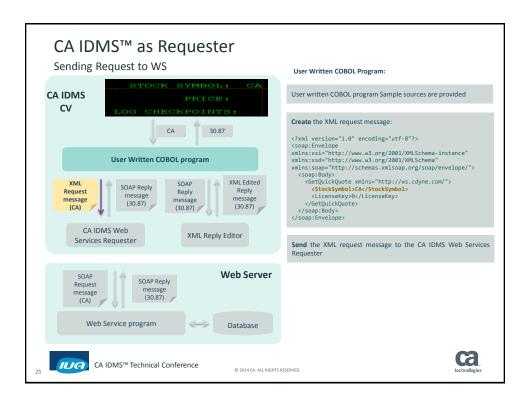


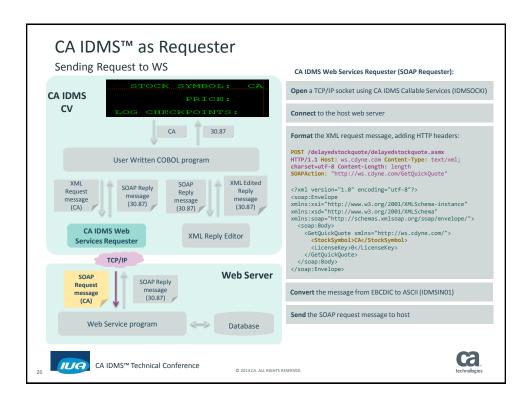




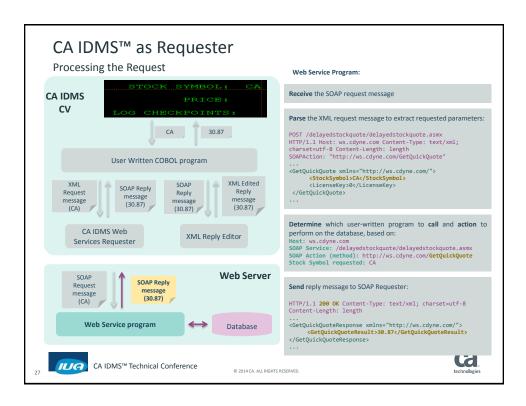


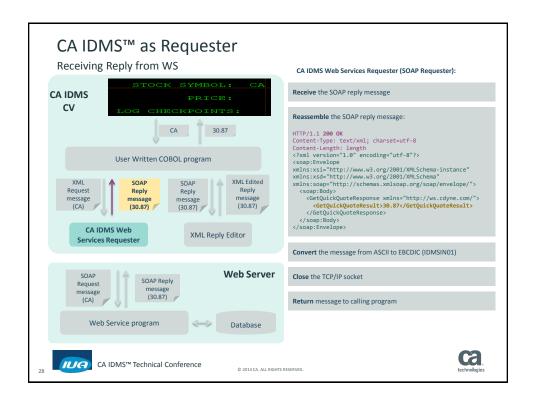




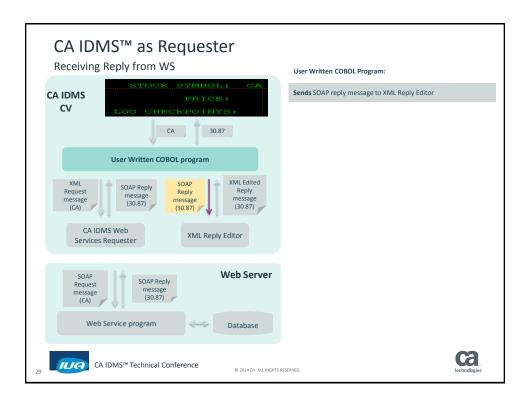


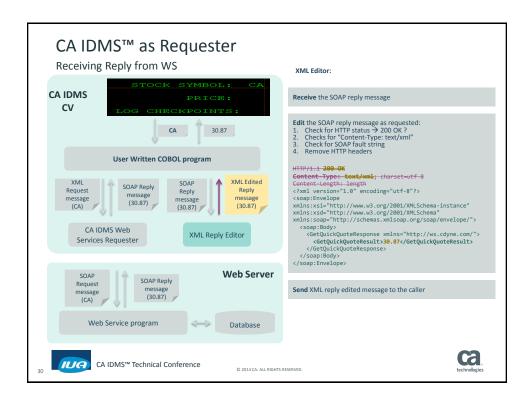




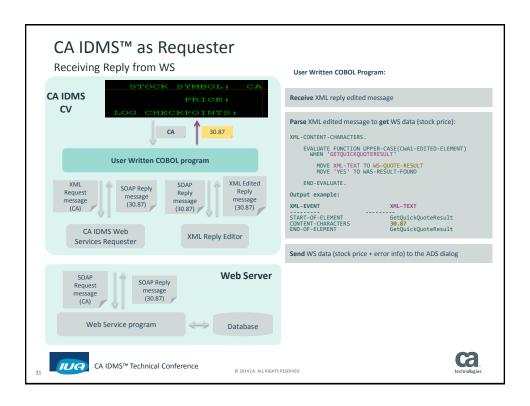


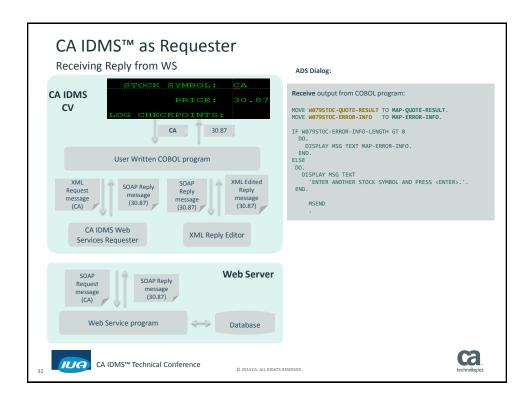






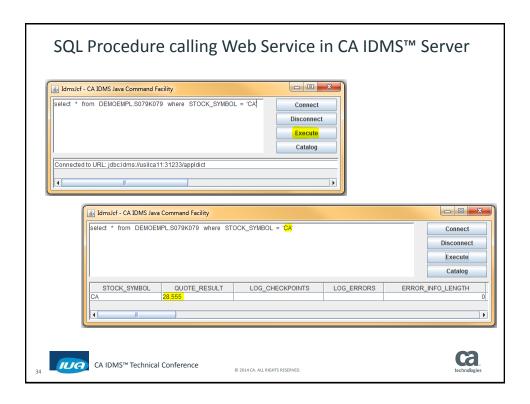


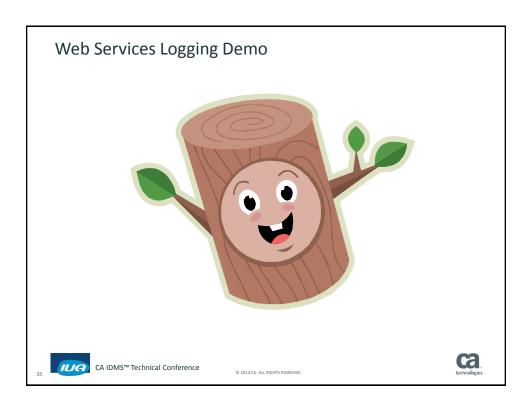






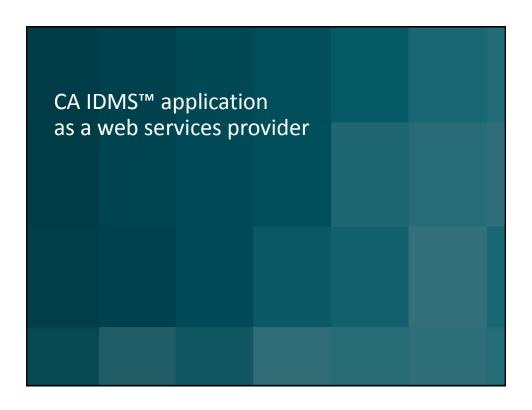


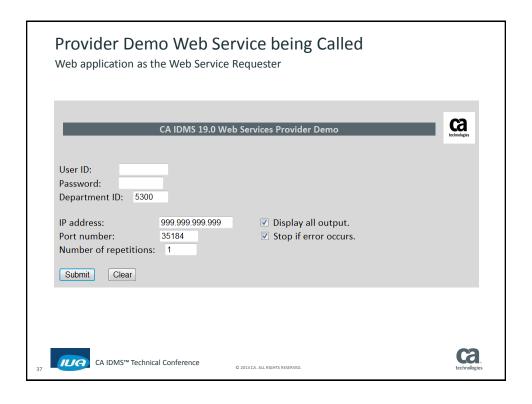






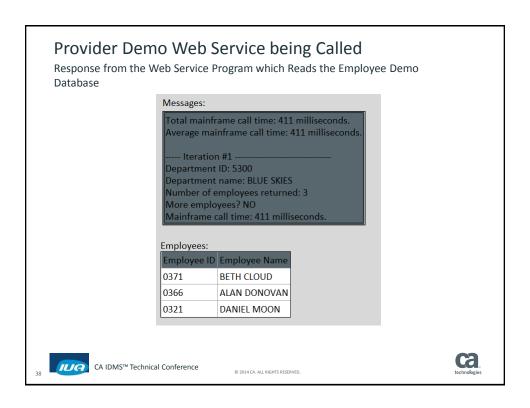


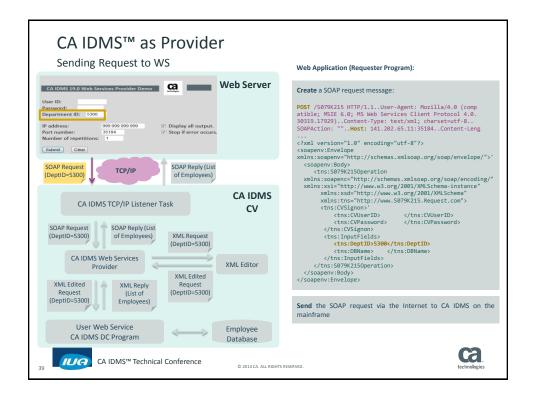




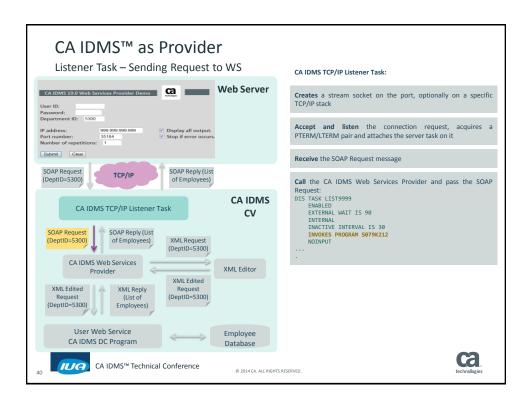


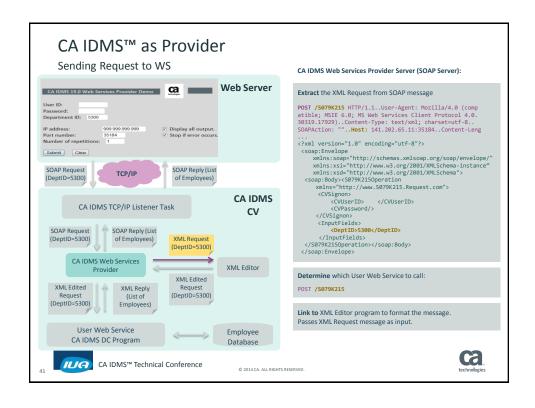




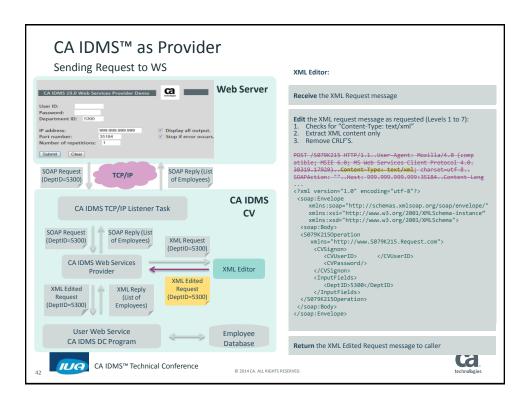


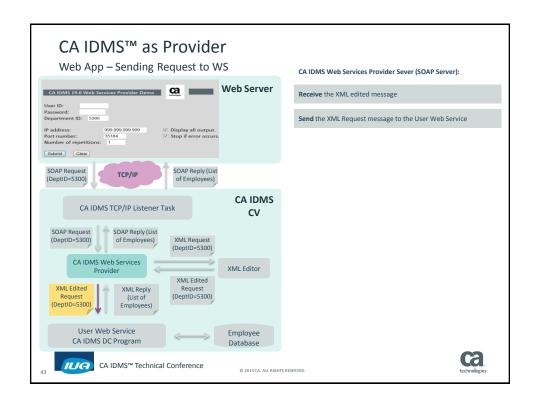




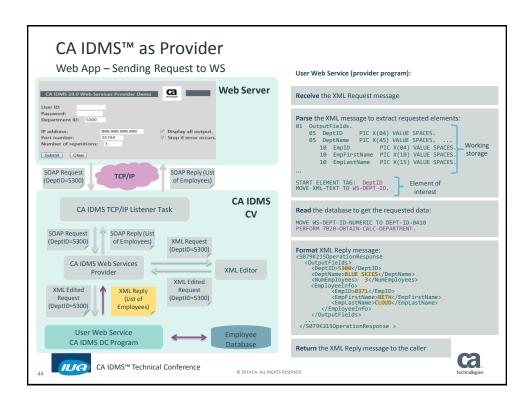


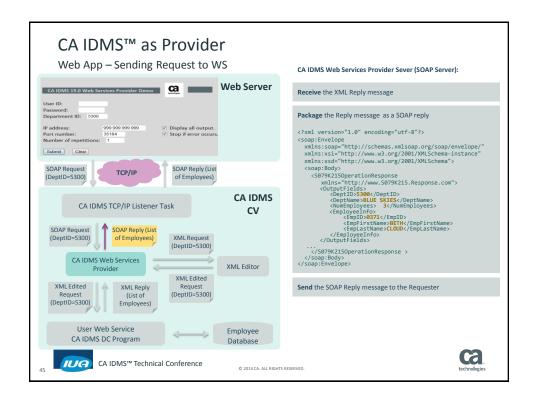




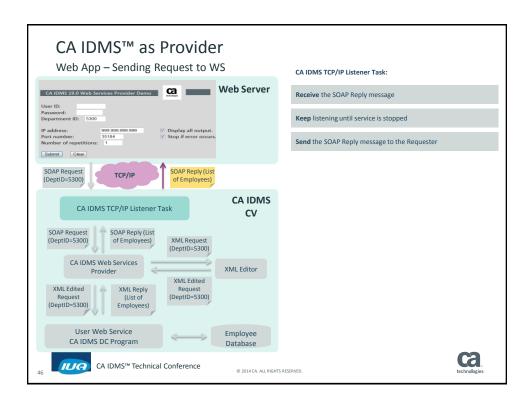


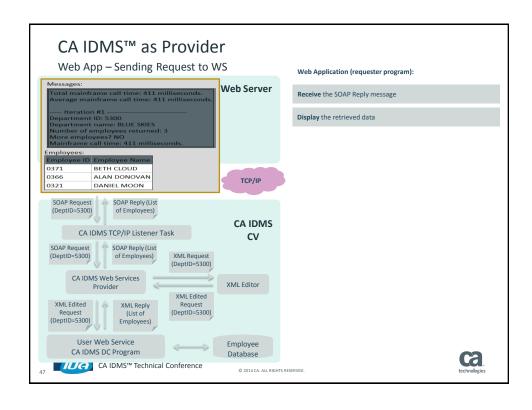




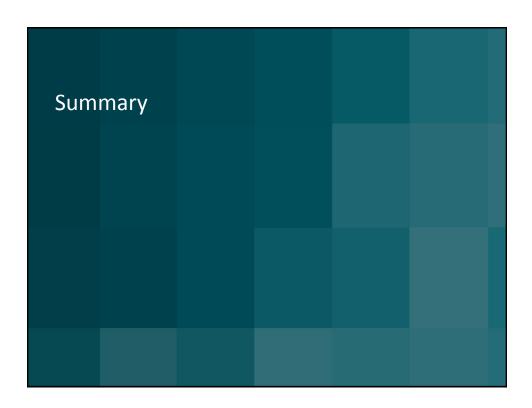












Summary CA IDMS Web Services Value in the App Economy

- Powerful framework
 - Standards-based
 - Enables existing applications to work with each other
 - Provides basis for new apps that leverage CA IDMS assets
- CA IDMS participation
 - Economical
 - Take advantage of existing resources and modern skills
 - Deliver new value to your organization







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