

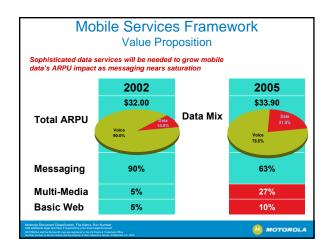


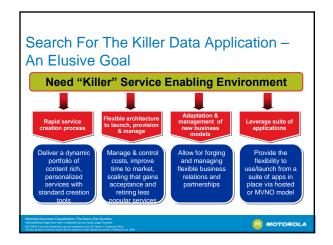
Mobile Services Framework Agenda

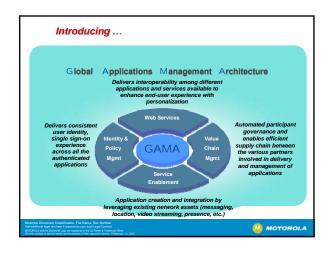
- · Value Proposition
- · Search For The Killer Data Application
- · Service Delivery Platform
- · Developer Program
- Framework for Rapid Application Development
- Demo
- Conclusions
- Future Work
- Q&A

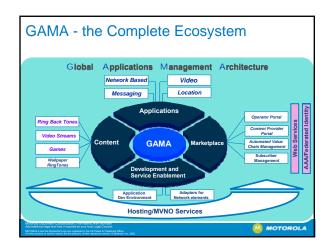
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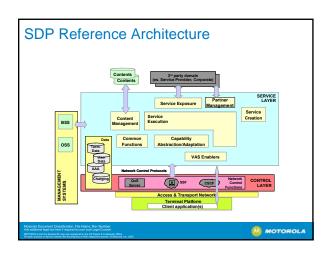


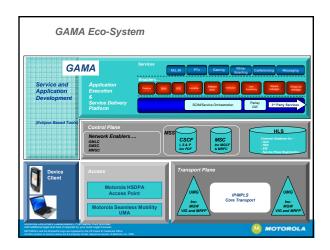


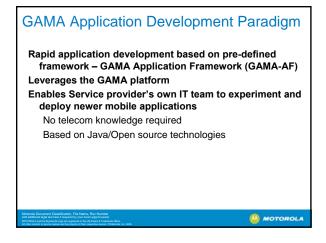


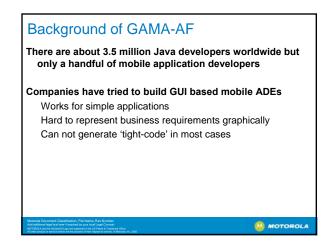


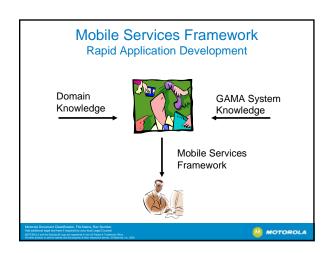






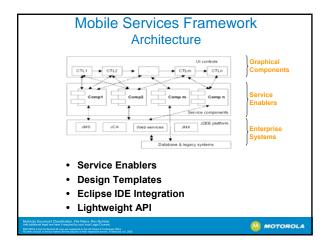














· Pre-packaged service components

- Provides IDE Integration

- Text-to-speech
- Speech-to-text
- Web Services
- Location Components
- Presence Components



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Mobile Services Framework Design Templates

- · Abstraction of domain specific services
 - Message Roundtrip
 - Message Transformation
 - Message Broadcast
 - Reminder Message
 - Message Re-route



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Mobile Services Framework Eclipse Integration

•Eclipse & Web Tools Platform based Plug-in for

- -Design
- -Development
- -Auto code generation
- -Test & Emulation
- -Packaging
- -Deployment



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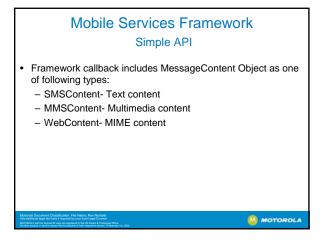
Mobile Services Framework Behind the scenes....

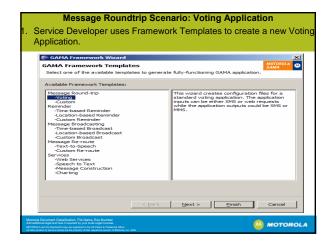
- Framework handles:
 - Application registration with a JMS based event layer
 - SMS/MMS message handling
 - Persistence
 - Application Authentication, Billing, & Provisioning
 - Identity Management



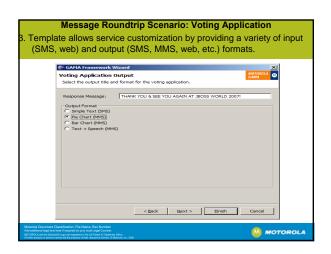
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Mobile Services Framework Simple API • Simple Framework Interface public interface MessageProcessor { public Object processMessage(MessageContent content, ServiceContext context) throws Exception; } **Motorial Toward Conditions of Particle Members **Motorial Toward Conditions of Particle







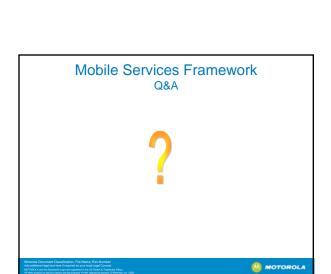








Mobile Services Framework Conclusions • Framework Strengths - Service Oriented Architecture - Eclipse IDE/ Web Tools Platform Integration - POJO based persistence model • Limitations - Graphical composition of services - Limits of service templates



Mobile Services Framework Future Work Component-based Workflow Management using JBoss jPBM Service Orchestration Client Side Development Domain specific language/s Domain specific notations