IONA’s SOA Jumpstart for Federal Projects
... at a glance

Customers include world’s largest firms

- 80% of Global Telecom
- 70% of Financial Services in Global 100
- Blue Chip System Integrator Partners

Solid business with a history of profitable growth

- Founded in 1991
- Publicly traded since 1997
- $50+ million cash on hand
- No debt

NASDAQ: IONA

Our Approach: Making Software Work Together™

- Deliver high performance integration software for mission critical applications
- Make heterogeneity an asset, not a liability
- Deliver on the value proposition of standards

IONA Government Technologies, Inc.

- An independently operated subsidiary of IONA Technologies, Inc.
- Dedicated to serving the specific needs of federal (defense and civilian) and state and local government organizations.
- Serving US Government since 1995
IONA’s Federal Government Customers
IONA’s Unique Approach to SOA

IONA helps federal agencies deploy SOA around their unique needs

- A full portfolio of SOA infrastructure components
- Solutions powered by distributed and standards-based technologies
- Offer multiple on-ramps to SOA deployment
- Open source, closed source and hybrid options help keep costs down
- IONA’s Jumpstart Program…….
Federal Jumpstart Program
Acceleration of SOA adoption

- A Federally-applicable demonstration delivered as a non-intrusive, disposable, pre-configured virtual appliance
- A reference implementation geared to incremental adoption of SOA components
- A “sandbox” for SOA experimentation
- Demonstration of IONA’s distributed SOA infrastructure
The Use Case
The Jumpstart Defense Command/Control Center

Intruder. Fleet under attack. What to do?

The Decision

Which direction?

Check Weather threats

Calculate threat's attack time

Mobile Asset/Fleet

Pentagon Joint Forces

Asset information and operator Initiated Threat Alerts

GO/NO GO Command

Alert Joint Forces

Check Weather (Java)

Attack Calculation System (J2EE)

CIA Imagery System (Java)

Incoming Entity/Asset's Locations

Theater Operator

COMMAND CENTER

DECISION CENTER
The Implementation
**FUSE Services Framework**

**Google Mash-up (AJAX, JavaScript, HTML)**
- Asset information and operator Initiated Threat Alerts

**COMMAND CENTER**
- A FUSE Web Service (SOAP/JMS)
- Alert Joint Forces
- GO/NO GO Command

**DECISION CENTER**
- Intruder. Fleet under Attack. What to do?
- The Decision
- Alert Joint Forces

**COMMAND CENTER**
- A FUSE Web Service (Spring Container)

**DECISION CENTER**
- Which direction?
- Check Weather threats
- Calculate threat’s attack time

**A FUSE Web Service (SOAP/HTTP)**
- CIA Imagery System (Java)

**A FUSE Web Service (SOAP/HTTP)**
- Check Weather (Java)

**A FUSE Web Service (SOAP/HTTP)**
- Attack Calculation System (J2EE)

**Asset Mgr loading & monitoring assets**

**A FUSE Web Service (SOAP/JMS)**
- Mobile Asset/Fleet

**A FUSE Web Service (SOAP/HTTP)**
- Pentagon Joint Forces

**Google Mash-up (AJAX, JavaScript, HTML)**
What YOU can do with Jumpstart TODAY

- Familiarize yourself with SOA concepts (services, interfaces, …)
- Create new services
- Modify supplied services
- Experiment with Deployment scenarios
- Change messaging platforms
Benefits of IONA’s Approach

- Deploy SOA at your own pace, incrementally adopt
  - Everything you need to get started with a low-risk, high value project or manage a large, complex heterogeneous IT environment
  - Pay as you go, use only what you need
- Re-use existing IT assets, we work within your IT environment
  - Multi-platform and multi-protocol solution lets agencies leverage existing investments
  - The “Switzerland” of integration software
- Open source alternatives keep costs down
  - Enterprise-class support for open source offerings
- Future-proof SOA deployments with standards based technologies
- Enterprise Quality of Service for the most demanding projects coupled with more than 15 yrs of SOA expertise
For More Information

For Project Acceleration Program go to

http://www.iona.com/solutions/value/pacc.htm

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Free distributed SOA infrastructure download at
open.iona.com

To Run the Jumpstart Appliance
Read Jumpstart_User_Guide.pdf