DESTINATION: DIGITAL

MAY 16–19, 2016
MGM GRAND, LAS VEGAS

Integration Statement of Direction
Rajeev Kozhikkattuthodi
Sr. Director of Product Management

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Agenda

• What’s new?
• Statement of Direction
• Demo
• Customer Guidance
• Q&A
Humans are generally bad at predicting the future; we are better off inventing it.
Evolution of Integration over the years

**CLOUD**
- **What?** Microservices, Web APIs
- **How?** In-Memory, Multicore, REST, JSON
- **Why?** Mobile, Cloud, API Economy, IoT

**SOA**
- **What?** ESB, Real-time
- **How?** XML, SOAP, WS-*, Process Modeling
- **Why?** E-Commerce, BPM

**EAI**
- **What?** Adapters, Real-time
- **How?** Client-Server, Messaging
- **Why?** ERP, Analytics

**ETL**
- **What?** Batch Jobs, Non-realtime
- **How?** Mainframe, ETL, Databases
- **Why?** Data Processing, MIS

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Integration Landscape at TIBCO

On-Premises
- TIBCO ActiveMatrix BusinessWorks™
- TIBCO ActiveMatrix BusinessWorks™ Plug-ins

Private Cloud
- Your apps, on your cloud
  - TIBCO ActiveMatrix BusinessWorks™ Container Edition™ NEW
  - TIBCO Microflow™ Container Edition™ NEW

iPaaS
- Your apps, TIBCO cloud
  - TIBCO® Cloud Integration
  - Microflows
  - API Modeler

CONNECTIVITY – API MANAGEMENT

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APIs & Integration: Better Together

Everything around APIs.
APIs around Everything.
Recap of announcements today
What’s new in ActiveMatrix BusinessWorks™ 6.3

TIBCO’s flagship Enterprise Integration product continues to get stronger & better

Studio upgrade to Eclipse 4.4.x
TIBCO Business Studio now uses Eclipse 4.4.1 as the underlying platform for design-time.

REST Consumption Improvements
Support for REST reference bindings using Swagger specifications.

API first design
You can now create and consume RESTful services defined using Swagger 1.2 and 2.0 Specifications.

CI/CD
Out of box support for continuous delivery using open source Maven Plugin hosted on public github repo.

Performance Improvements
XSLT processing is faster and efficient, input validation turned off for activities not requiring typed data, Eclipse 4.4.1 based design time improvements.

JAVA 8 Support
JAVA 8 support for both run-time and design-time

Eclipse and the Eclipse logo are trademarks of Eclipse Foundation, Inc.
# ActiveMatrix BusinessWorks 6 Connector Ecosystem

<table>
<thead>
<tr>
<th>Technology</th>
<th>Application</th>
<th>TIBCO</th>
<th>Functional</th>
<th>Community Edition</th>
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</thead>
<tbody>
<tr>
<td>Database</td>
<td>PeopleSoft</td>
<td>TIBCO FTL®</td>
<td>SmartMapper</td>
<td>MQTT <em>New</em></td>
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<tr>
<td>Files</td>
<td>SAP <em>New</em></td>
<td>TIBCO ActiveSpaces®</td>
<td>Data Conversion</td>
<td>OData <em>New</em></td>
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<td>Suite</td>
<td>TIBCO® Data Quality</td>
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<td>Spark <em>New</em></td>
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<td>Big Data</td>
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<td>TIBCO BusinessConnect™</td>
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<td>HBase <em>New</em></td>
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<td>Large XML</td>
<td>Microsoft SharePoint</td>
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TIBCO ActivMatrix BusinessWorks Container Edition

For Cloud Native Integration Apps

Build Microservices with fastest time to results

Visually integrate APIs with zero lines of code

Deploy, manage & scale apps on a PaaS of your choice
Introducing TIBCO Cloud Integration

TIBCO’s Integration Platform as a Service
• Supports typical iPaaS usecases plus...
• Optimized for APIs and API-related usecases
  • API Modeler
  • API Mock
  • Microflows
• Native integration with TIBCO Mashery®
Project Flongo
Ultra Lightweight IoT Apps & Integration

GOLANG-BASED ENGINE
LIGHTER THAN JAVA

GROUND-BREAKING
CONVERSATIONAL FLOW UX

AUTO-STEPBACK
WEB DEBUGGING

TRUE OPEN SOURCE
BACKED BY TIBCO DNA
10X lighter to run not only in cloud but also on devices

Based on early testing, Project Flogo™ is

>50X lighter than Java
>20X lighter than Node
Statement of Direction

TIBCO ActiveMatrix BusinessWorks & Connectors
What’s next for ActiveMatrix BusinessWorks 5?

Assurance of business continuity

- Enterprise Readiness
- Improved performance
- Additional Platforms
ActiveMatrix BusinessWorks 6

Enterprise Readiness
Application & Process Monitoring
Design-time security policies
PDK – Easier UX & more APIs

Migration
Functional & Perf Improvements
v. 5-like features for easy onboarding
Selective & Smart Migration

Cloud & APIs
OAuth Flow & API Consumption
Cloud Right-sizing
Deeper integration with Mashery®

DevOps
Unit-Testing Framework
Code Quality
Code Management (VCS/Merge)
Statement of Direction

TIBCO ActiveMatrix BusinessWorks Container Edition

TIBCO Microflow Container Edition
Cloud-Native Tooling
- Service Discovery
- Client-side Load Balancing
- Circuit Breaker Patterns

Ecosystem
- Enabling key cloud plug-ins
- Monitoring/logging extensions

Robustness & Platforms
- Optimize Performance & Footprint
- Support more Distributions

Developer Tooling
- Push to Cloud from Studio
- CI/CD with next-gen tooling

AWS EC2 Container Service

Docker Datacenter & CaaS

ActiveMatrix BusinessWorks Container Edition 6-18 months
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Statement of Direction

TIBCO Cloud Integration
Cloud Integration themes

- Improved Connectivity
- Cloud-Native Hybrid Integration
- IoT Integration
Improved Connectivity (6-12 months)

Under Consideration

- Increase coverage for Enterprise SaaS like SAP, Zuora, AMQP, etc.
- Support for WebSockets messaging & Streaming APIs
- Tighter integration with TIBCO Mashery®

Customer value

- OOTB Connectors for non-API enabled apps for faster time to results
- Real-time API connectivity for digital apps
Cloud-Native Hybrid Integration (6-12 months)

Under consideration

• Agent-based communication between TIBCO® Cloud Integration and on-premises TIBCO ActiveMatrix BusinessWorks™

• Support for containerized hybrid gateway patterns leveraging TIBCO Mashery®

Customer value

• Enhanced security for hybrid usecases

• Leverage existing on-premise investment
Expanding Microflows (6-18 months)

Under consideration

- Visual Mapping & Transformation
- Support for additional NodeJS packages
- Expand Out-of-the-Box stages such as HTTP Client, eFTL, etc.
- Source Control tooling for systems like Git, SVN, etc.

Customer value

- Enhanced productivity for LoB integrators
Picking the right solution
No plans to end of life
ActiveMatrix BusinessWorks 5.x
**ActiveMatrix BusinessWorks 5 End-of-Support dates**

https://support.tibco.com/docs/TIBCOEndofSupportInformation.pdf

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Edits
Frequently Asked Questions

• I have 100s of v.5 apps in production; should I move to v.6?
• How do I choose between v.6 and ActiveMatrix BusinessWorks Container Edition 2.0?
• Where do I use Microflows?
• What is the connectivity roadmap for TIBCO Cloud Integration?
• What connectors are included in TIBCO® Integration Suite?
### Key Sessions to watch out for

<table>
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<tr>
<th>What?</th>
<th>When</th>
<th>Where</th>
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<td>TIBCO Cloud Integration</td>
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<td>Project Flogo™ &amp; IoT Integration</td>
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<td>ActiveMatrix BusinessWorks 6 for ActiveMatrix BusinessWorks 5 Power users</td>
<td>Thu May 19 at 10:00 AM</td>
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<td>TCI Case Study App Associates</td>
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<td>Room 109</td>
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<tr>
<td>ActiveMatrix BusinessWorks Connectors</td>
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Takeaways


2. Cloud-Native is here today with ActiveMatrix BusinessWorks & TIBCO Microflow Container Editions.

3. APIs around everything, everything around APIs.
Connect Everything, Everywhere. Let’s build awesome.
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