

DESTINATION: DIGITAL

TIBCO[®] NOW[™]

Managing Microservices using the All-in-One TIBCO Monitor
– RTView[®] Enterprise

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Microservices Are Picking Up Steam



Monthly searches for: Apr 2015 - Mar 2016

Advantages of Microservices



Speed



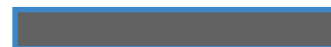
Agility



Less Costs



Less Impact



10x services
10x engines
10x complexity

Basic monitoring not
up to the exponential
requirements





RTView Enterprise Monitor[®]

See all TIBCO components correlated by application and service

Trace bottlenecks to the source systems

Proactively monitor to prevent incidents

The screenshot displays the RTView Enterprise Monitor interface. On the left is a 'Service Tree' with a search bar and a filter set to 'PRODUCTION'. The tree lists various applications and services, with 'SECURITY' selected. On the right is a 'SERVICE VIEWS' table with columns for Service Name, All CI Types, JVM, BW Engine, EMS Server, and EM Qu. The table shows performance metrics for various services, with some cells highlighted in red or orange to indicate issues.

Service Name	All CI Types	JVM	BW Engine	EMS Server	EM Qu
SCAN-CHECK-1	Green	0	Green	Green	Red
SCAN-CHECK-2	Red	0	Green	Green	Green
SCAN-CHECK-3	Green	0	Green	Green	Green
SCAN-REPORT-1	Green	0	Green	Green	Green
SCAN-REPORT-2	Green	0	Green	Green	Green
SCAN-REPORT-3	Green	0	Green	Green	Green
IRIS-SCAN-EWR	Green	Green	0	Green	Green
IRIS-SCAN-IAD	Green	Green	0	Green	Green
IRIS-SCAN-JFK	Orange	Green	0	Green	Green
IRIS-SCAN-ORD	Green	Green	0	Green	Green
IRIS-SCAN-ATL	Green	Green	0	Green	Green



Technology and Operations Group

250 TIBCO technology members world wide
30 TIBCO Administrators and developers
1200 Operational Users

Minneapolis



North Carolina



Arizona



India





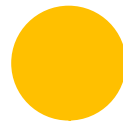
Morning Health Check

- ✓ Used to take 2 hours.
- ✓ Now – less than 30 minutes



Responding to Issues

- ✓ Used to be reactive
- ✓ Now – instant email alerts give us a head start



Sharing Information

Dashboards shared with Dev team for testing

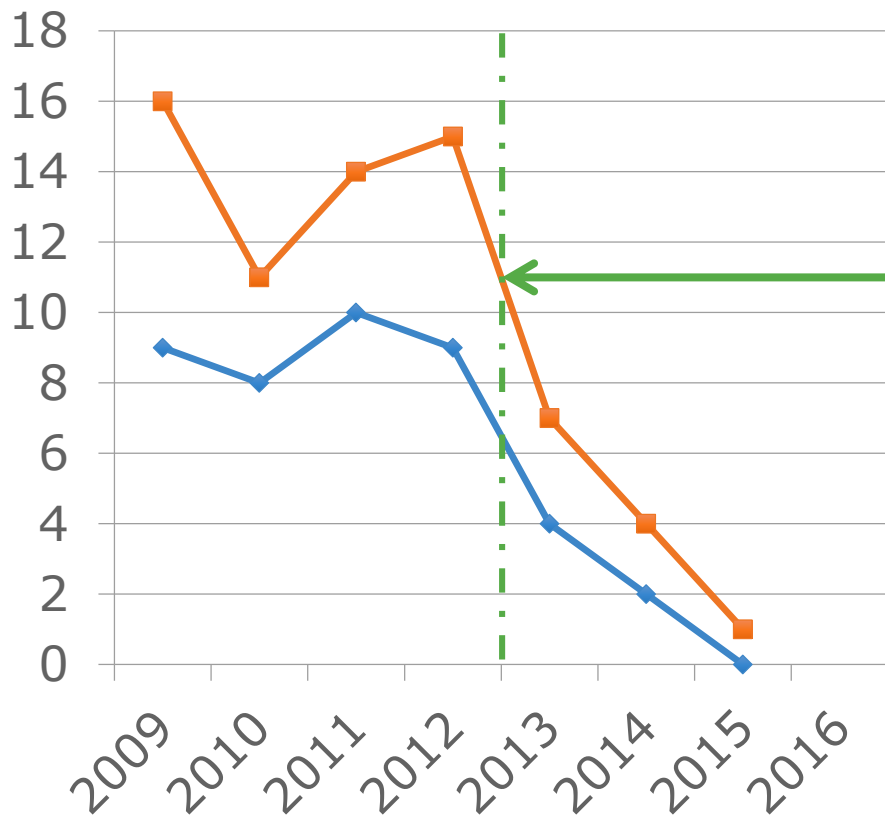


Evening Hand Off to India

- ✓ Single version of events eases transition round-the-clock



The Results Speak for Themselves



Significant Drop in Incident Occurrence

RTView Enterprise Monitor was first adopted in 2013 and expanded over time.

Reduction of incidents attributed to proactive monitoring and finding performance issues BEFORE they reached severity levels.

● High Severity

● Medium Severity