

Transforming Data Center Operations into a Business Operations Center.

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Pulse2010

The Premier Service Management Event

Optimizing the World's Infrastructure

Business Leaders Struggle With Issues

Lack of Visibility into Operations Leads to Many Business Problems





Business Service Management (BSM) Provides Process Visibility

Business leaders gain real-time visibility and actionable insight into processes

Real-time information consolidated into customizable dashboards

Business leaders monitor process

KPIs and receive alerts







Achieve End-to-End Process Visibility

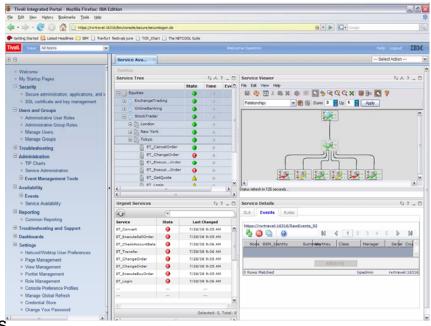
Understand, monitor and explore the state of business operations

External Information

Information affecting business service performance

Collaboration

Share metrics and models with teams to resolve situations



Business Impacting Alerts

Notification of situations that require response

Process Metrics

Key Performance Indicators for business services

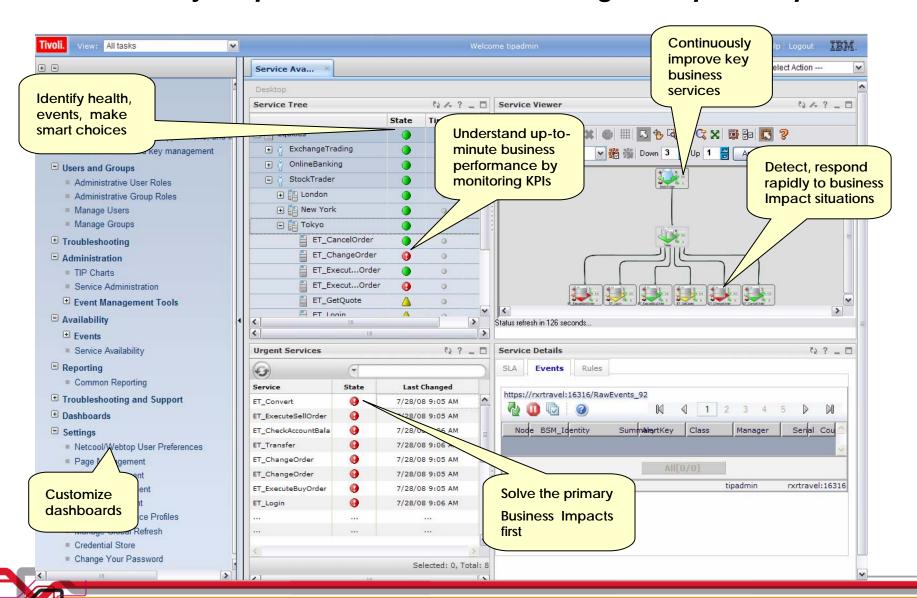
Reports & Analyses

Understanding trends by combining multiple KPI's using historical information



"See and Respond"

Service Visibility Helps Business Leaders Manage & Improve Operations



IBM Tivoli Business Service Management Family



Service Quality Levels

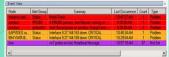


Tivoli Netcool Service Quality Manager





Event Management



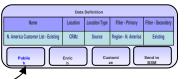
Tivoli Netcool/OMNIbus



Current Trends towards Business Operations Center

Dashboard Builder







User picks desired widget & definitions from Data Dictionary







Managing Customer Experience

Customers are accessing a key application via mobile clients

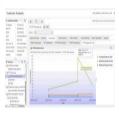




Some users experiencing problems where is the issue?



Integrated experience management from bill to back-end. application, and content all matter





MCE **Provides** Operations insight into Customer **Experience**



Improving Administration and Access

Customers find common languages easier to staff (Javascript



To empower more usage correlation, integration, and automation





That greatly expands the library of data sources





And opens up many more options for connecting to your world





Proactive Service Reponse



BSM offers a window of comparison on business service health



New Predictive Event

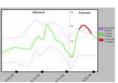
And can apply forward looking events to the status of a service

	,
	7

	-		
Status	Trend	Value	Target
	①	45	<.30
	①	1.9	>.9
	③	3	< 3
	A		

Determine KPI trends, and intelligently forecast their value





Expanded Options for Reporting and Sharing Historical Data

Administrator needs to quickly create/modify reports and publish





Design Reports easily using new Cognos reporting engine in TCR





Publishes based on desired schedule & provides user access group and role





Users launch the new Report Studio to access, manipulate, and use published



Evolving Trends towards Business Operations Center

Full Self-Service Dashboard



Add new feeds from variety of data sources and create new dynamic widgets



Remix & Transform informatio n into new feeds



Reuse & share mashups, metrics, and visual content



Define & Measure S

SLA is agreed to with a customer vou're providing services to





The SLA is entered into the BSM Family for tracking



BSM Family tracks the many dimensions of the SLA



The dashboard tracks the SLA for key stakeholders to view and be alerted on



Manage New Services End to End

Customer needs to track new Service Model



COTS Model is available in Library



COTS Model is deployed in BSM Family



Customer fine tunes for his environment



User has dashboard, reports and analytics available



Service-based Correlation and Control

Customer gets a major outage on a service



Impact correlates **Omnibus events** with CDM linking TADDM change data assets



User gets correlated operational context before & after changes

Event	Current	Previous	Current	Previous
Batman	₽	&	NIC 1235	NC 934
Robin	€	& Ξ	JVM 1.6	JVM1.5
Joker	S	&	joker:80	joker:80
Ridler	€	€	4GB	2GB



User takes appropriate next step or hand-off



Optimized Task Based Administration

needs to create/modify a user and his ability to work with the BSM family



Defines the user once into the BSM family of products.





Assigns the user into a group and role - for the family



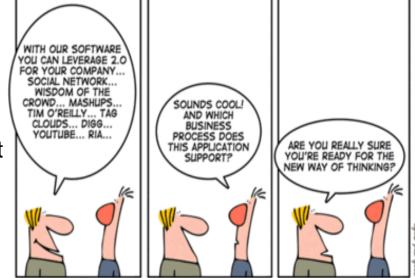


Maps those groups onto pages, roles, views, data across the integrated products



Transforming Trends: Breaking down the walls between business and IT

- The need for transparency is pervasive!
- Business and IT collectively need:
 - Greater accountability, visibility, communications, and knowledge from the people, resources and processes responsible for service management
 - To elevate the interaction and involvement of both parties in the delivery of services
 - To leverage and align operations around new tools that empower all end users to become "knowledge workers"

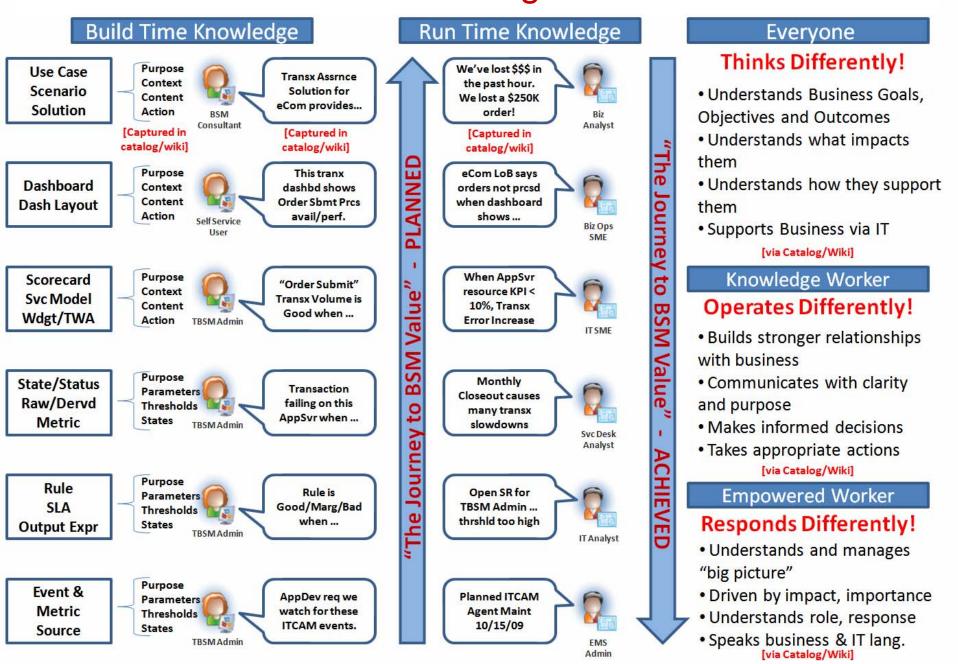




Self Service capabilities and Social Networks are delivering this to the world today – why not to YOUR business?



There's Value in Breaking Down these Walls



So what is a Self-Service Dashboard?

- A <u>self-service dashboard</u> is a userfriendly way for a greater community of users to easily access, extend, and use the data they need, creating the desired views by themselves, and sharing/socializing their contributions without the need to involve IT or power users.
 - offers the benefit of streamlining the reporting/viewing process
 - increases speed of decision-making process, removing IT work
 - frees up IT personnel from building dashboards
- Dashboard content becomes a simplified set of catalogs for metrics, events, sources, and visualizations
- Dashboard assembly becomes a streamlined action of assembling/sharing a workspace filled with content that is fully interlinked, relevant, and easy to understand





Self Service Dashboard capabilities brought forward with IBM Mashup Center

 Out of box Widgets for creating Mashups to access data



Develop & Unlock

Governance and Security for feeds & Mashups



Select the feed data source

✓ Broad range of Enterprise, Personal, and multi-media Mashup sources

 End user focused catalog with integrated social features for both Mashups and Mashable assets



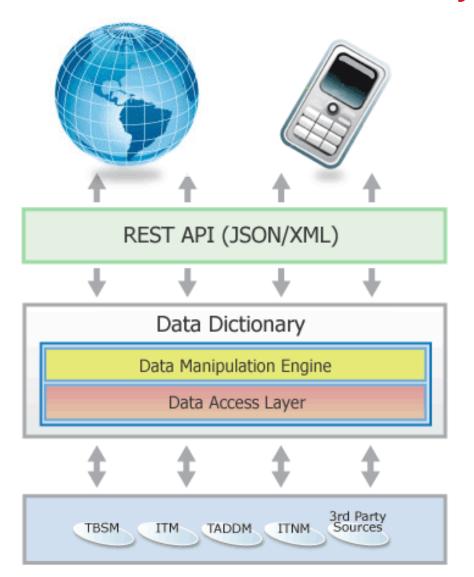
Transform



Reuse existing assets in new combinations



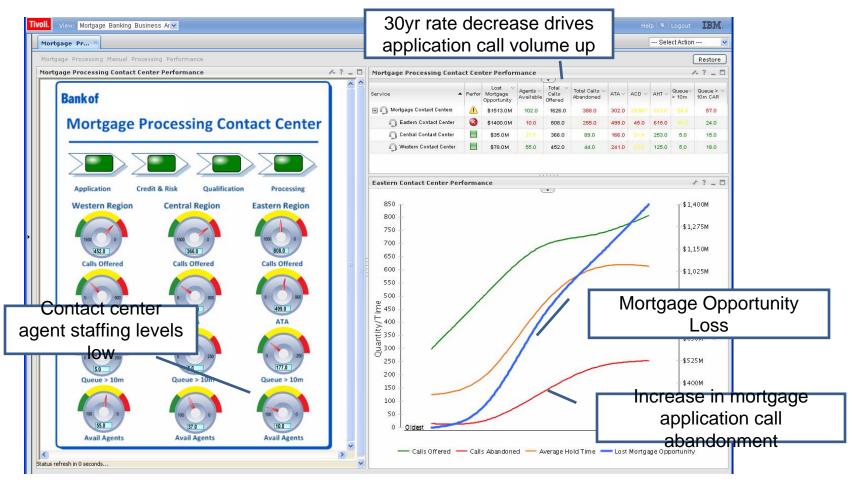
What does the Data Dictionary and REST service bring?



- Focus on creating views based on role and responsibility instead of product specific (treat products as data feeds)
- Completely decouple systems management data from UI to enable mashups
- Leverage Data Integration Services (CDM and the Common Data Model (CDM) and further normalize data
- Allow for quick data integration that can be visualized across a common set of widgets
- 3rd party sources easily integrated (just another data feed)
- Utilize iWidgets to create new visualizations to ehance the look and feel and user experience across multiple products
- Mobile clients and other technology based clients will be able to take advantage of this service

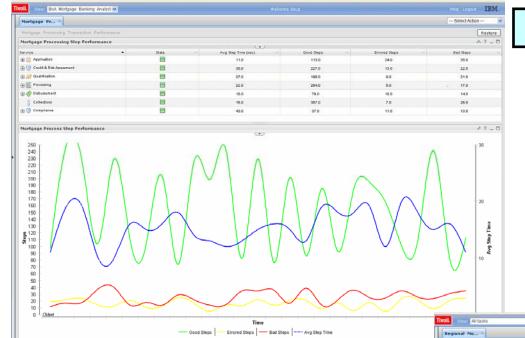


Example: End-to-End Business Operations Visibility



- Business process execution involves automated and manual (human) interactions
- Visibility into contact center operations helps pinpoint process execution issues due to low staffing levels, long calls, etc.





Business Process Execution Step Performan

- Use <u>real time scorecards and</u> <u>charting</u> to provide "quick, at a glance" insight into performance trends.
- Chart complements the scorecard and provides historical context to interpret the real time scorecard information.

 Assessing mortgage process execution: Good Process Steps, Erorred Process Steps, Bad Process Steps, Avg Step Time

Assessing mortgage closings:
 Avg Days to Close, Avg Days to Disburse, Closings at Risk, Avg Mortgage Value

Regiment No.

Special Manager Business Networks

Average Days to Close Average Days to Delicates

Average Da

Mortgage Processing Business Performance Metrics

Q&A

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THANK YOU!

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