IBM Systems & Service Management

What is Tivoli?

Angus Jamieson Tivoli Technical Ambassador & IBM Certified IT Specialist











What is Tivoli?

- Tivoli is Market Expertise
- Tivoli is Service Management
- Tivoli is People: Clients, User Groups, Partners and Employees
- Tivoli is Evolution and Growth
- Tivoli is Solutions
- Tivoli is the Market Leader





Tivoli is Service Management

Helping clients deliver quality service through Visibility. Control. Automation.™

Visibility



See your Business

Respond faster and make better decisions.

Control



Manage risk and Compliance

Assure quality and reduce risk.

Automation



Improve your Business

Lower costs and build agility.



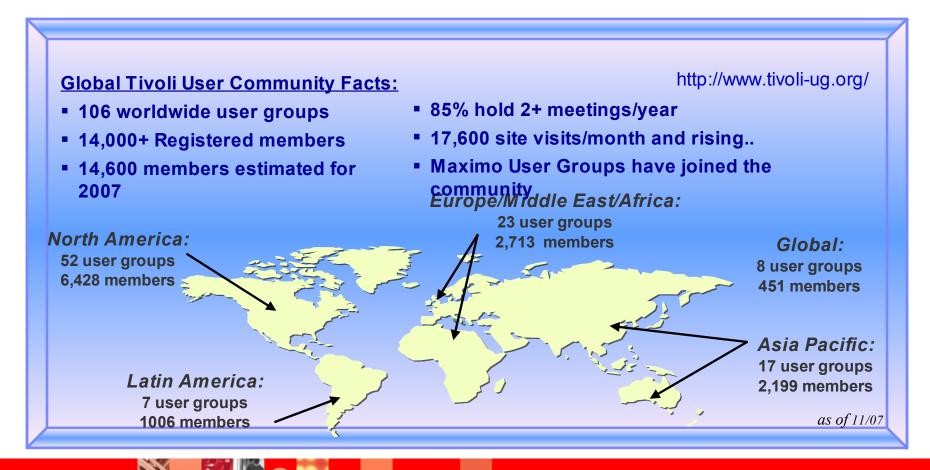


Tivoli is a Vibrant User Group Community

Peers sharing best practices

Tivoli UK User Group (www.tivoliusergroup.com) next meets December 4th

- Groups of clients who actively work with Tivoli solutions and convene to learn and share
- Independent organizations owned and run by members



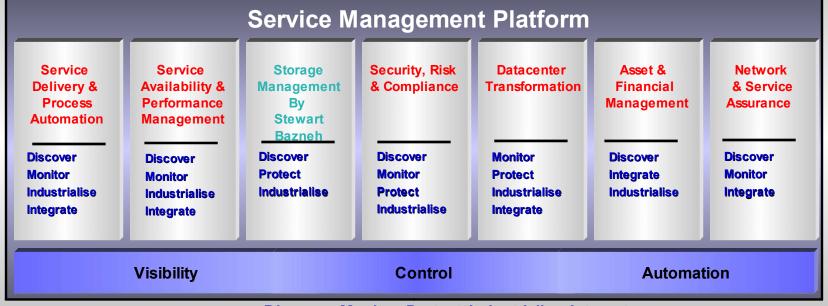


Tivoli is Solutions

Integrated service management platform for clients to deliver quality service

IBM Service Management

Best Practices, Methodologies, and Services



Entry Points: Discover, Monitor, Protect, Industrialise, Integrate.



Tivoli is the Market Leader

Market Share Leader

- #1 WW IT Operations Management S/W Gartner
 - 6th consecutive year
 - \$11.4B market opportunity
- #1 in Performance & Availability IDC
- #1 in Event Automation IDC
- #1 in Configuration Management Gartner
- #2 in Job Scheduling Gartner
- #1 in Network Management Gartner
- #2 in IP Fault and Event Mgmt OSS Observer
- #1 in Server Provisioning IDC
- #1 in Archive and Hierarchical Storage Mgmt IDC
- #2 in DBMS Management
- #1 in Identity and Access Management IDC
- #1 in Enterprise Asset Management ARC Insight
- #1 in Service Assurance, Event Management and Performance Management- OSS Observer

Gartner Magic Quadrant Leadership

- SRM/SAN Management
- Application Management
- User Provisioning
- Web Access Management
- IT Event Correlation and Analysis
- Enterprise Asset Management: Power Generating, Manufacturing and Distribution Utility





Recent Awards

- 2007 Plant Engineering Magazine Reader's Award, Silver in Best Maintenance Software category
- 2006 VARBusiness Annual Report Card Award, Enterprise Storage Management S/W
- 2006 VARBusiness Tech Innovator Company of the Year, IBM Tivoli Continuous Data Protection for Files

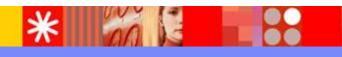




IBM Software Group

Addressing key IT challenges with IBM Service Management

Angus Jamieson



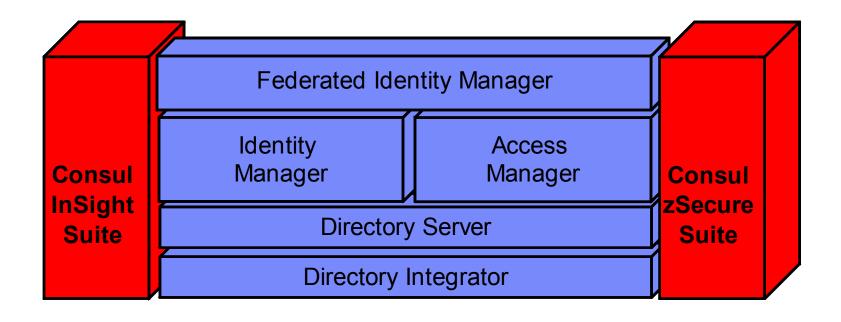








Access: IBM Tivoli Security Solutions



Leveraging Knowledge of People and Processes to Create Business Value





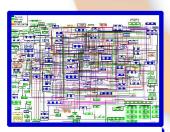
Service Management Requires a Closed-Loop Approach

- Service Dashboard
- Business Service Management



- Service Level Management
- Infrastructure, Application
 Discovery and Mapping

- Server monitoring
- Storage monitoring
- Network monitoring
- Data monitoring
- Application monitoring



What's happening with the infrastructure?

How does this relate to the business service?



What actions do we take to correct the problems?

- System reconfiguration
- Data restore
- User identity provisioning
- System and application restart

Infrastructure deployment

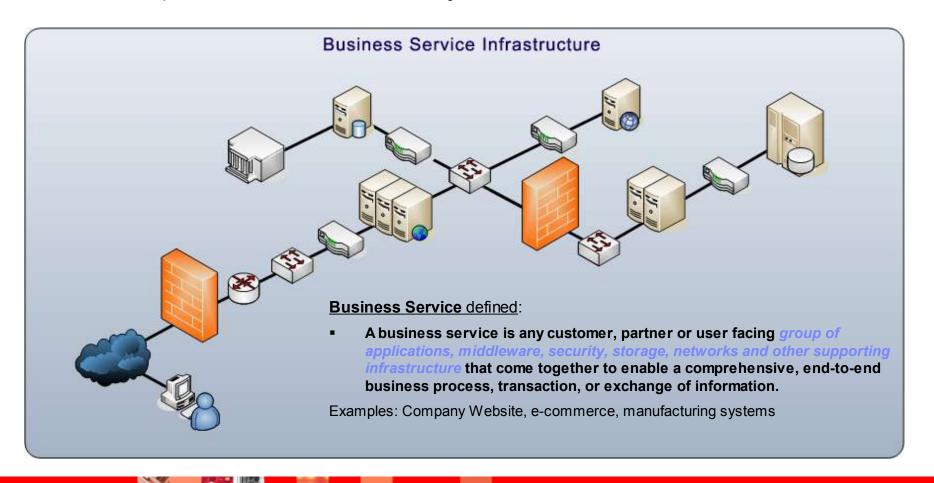




What is a Business Service?

Traditional understanding:

- A customer, partner or user facing business application.
 - Examples: SAP, Seibel, Oracle, Microsoft Exchange



Key Areas in De Service Management Platform vice Management



Experience

Real-time Transaction
Performance, Service Status, and
End-User & Service Experience



How does this relate to the business service?



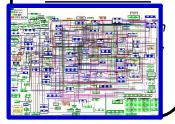
<u>Dependencie</u>

Relationship and Discovery Data

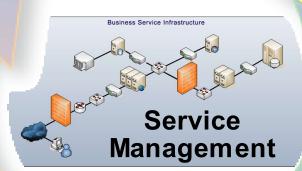
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Infrastructur e Events



What's happening with the infrastructure?



6



S

Impact Analysis, Task Automation, Config, Provisioning, Activation, and Orchestration



Business Views: SLM/SLA

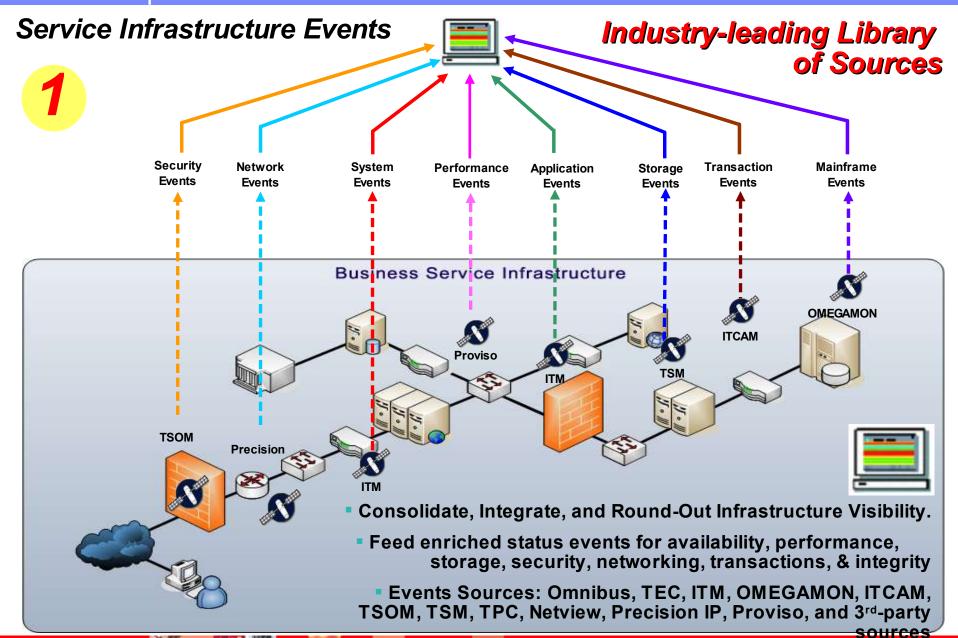
Rev\$\$, Health, Customer <u>Operational Views</u>: RCA, Compliance, Impact Analysis, Incident Mgmt.



<u>Business</u>



What actions do we take to correct the problems?





IBM Tivoli Monitoring for Microsoft Applications



Systems Management Support

Operating Systems

Wintel Virtual
Servers

Microsoft SQL Microsoft Exchange

Microsoft Infrastructure Microsoft Applications

Extending Microsoft Environments





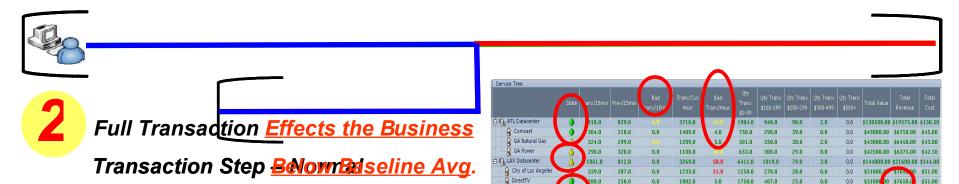
At a Glance - Tivoli Monitoring

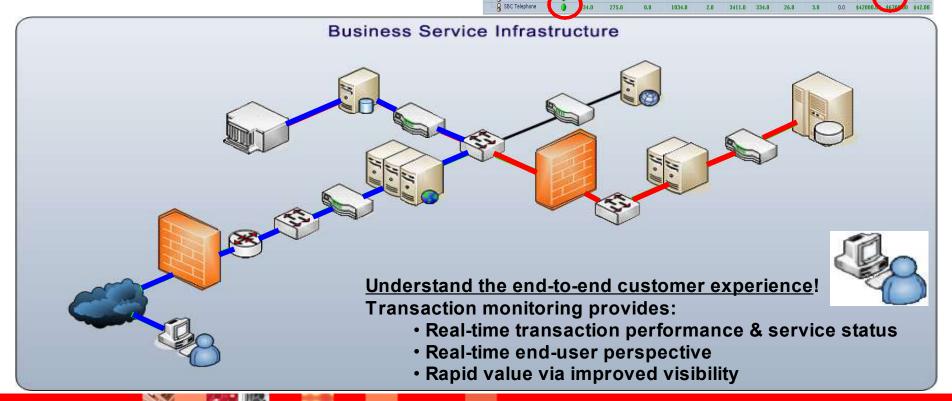
Operating Systems	Infrastructure	Application and Collaboration	Business Integration	Web Environment	Database	Universal Agent
Windows	VMware	Exchange .Net		IIS	SQL	Agentless
	Citrix	Biztalk Commerce		WebSphere		or Agent Adapter
	Clustering	Content Manager Host Integration		WebLogic		
Linux		ISA Server Sharepoint		WebLogic		OPAL solutions
Unive		Portal	CICS	Oracle	Oracle	(100+
Unix	Virtual Servers	Siebel	Web Services	NetWeaver	Sybase	packages)
AIX	and	SAP	IMS	JBoss	Informix	Microsoft Message Queue and more
OS/400	Clustering	Tuxedo	MQ	Apache		Blackberry
z/OS		Domino	MQ Integrator	SunOne	DB2	Micromuse



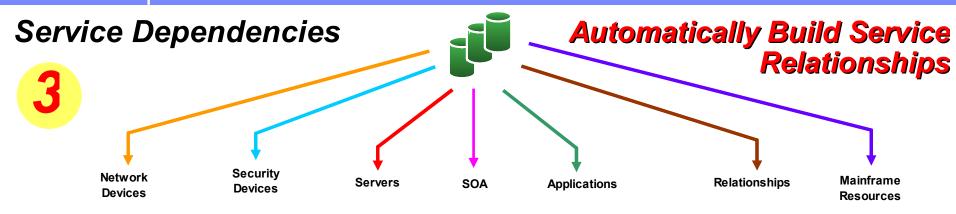
User & Service Experience

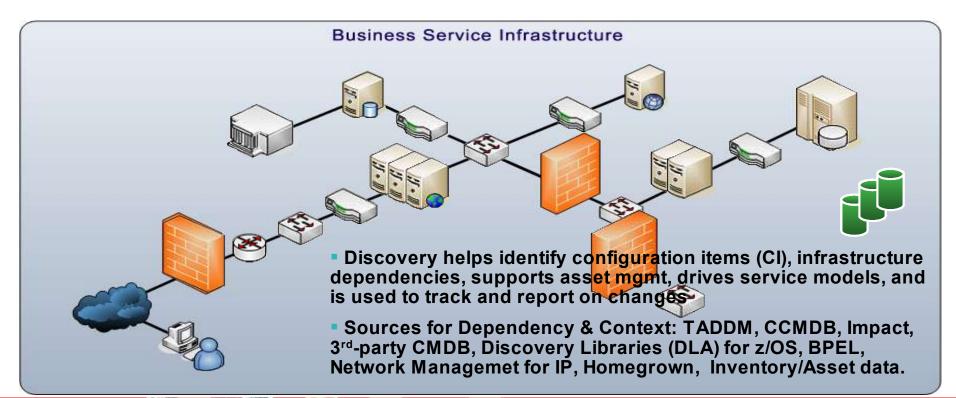
Measure Real Transactions



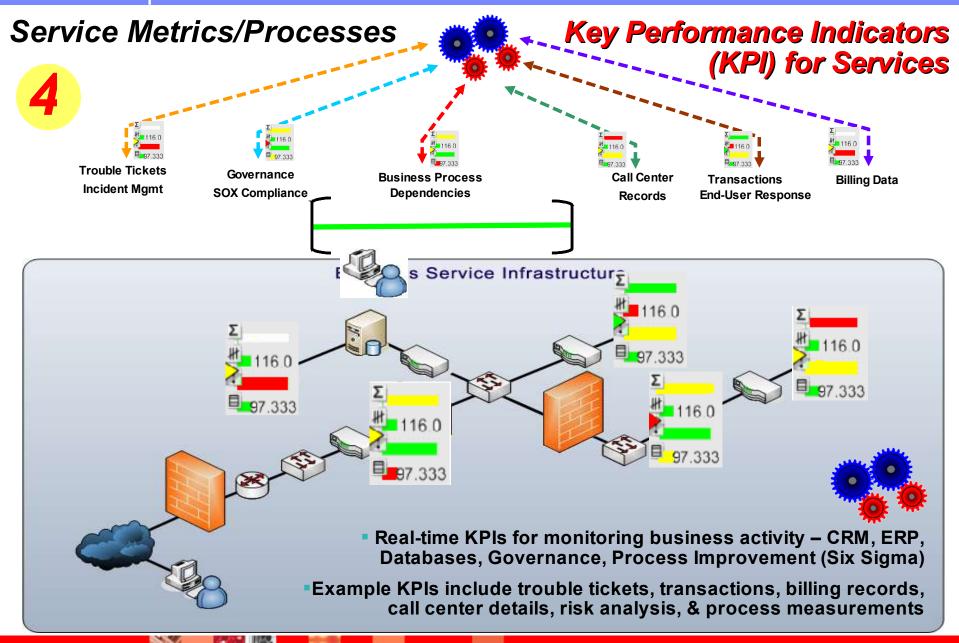




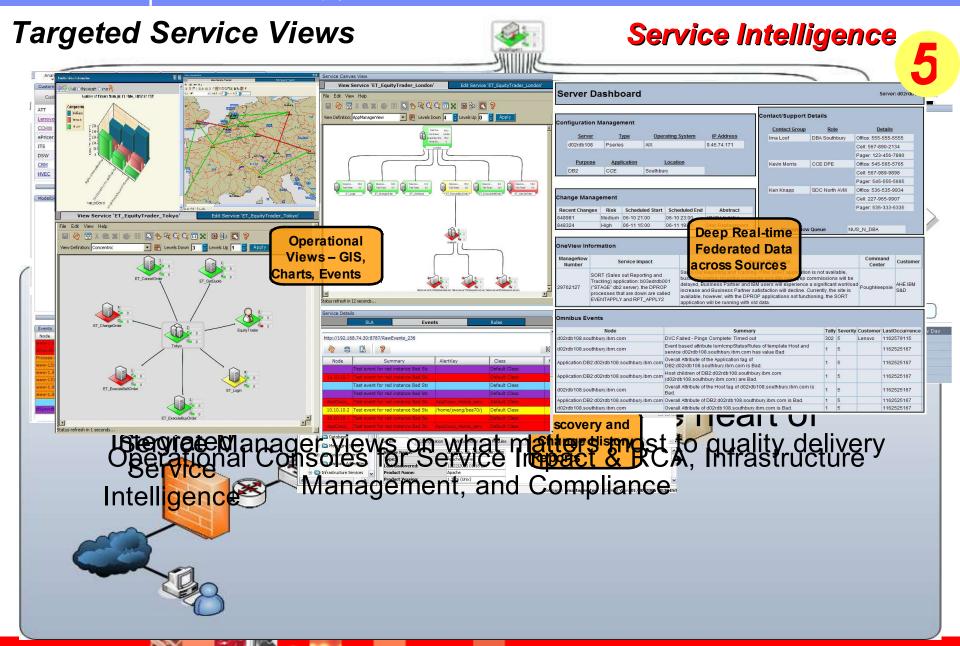














Targeted Service Actions

Automatically Provision Resources



Change, Provision, & Automate

- Shorten Mean-Time to Repair (MTTR)
- · Reduce capital and labor costs
- Setup time reduced to hours vs. days
- Increase service delivery quality

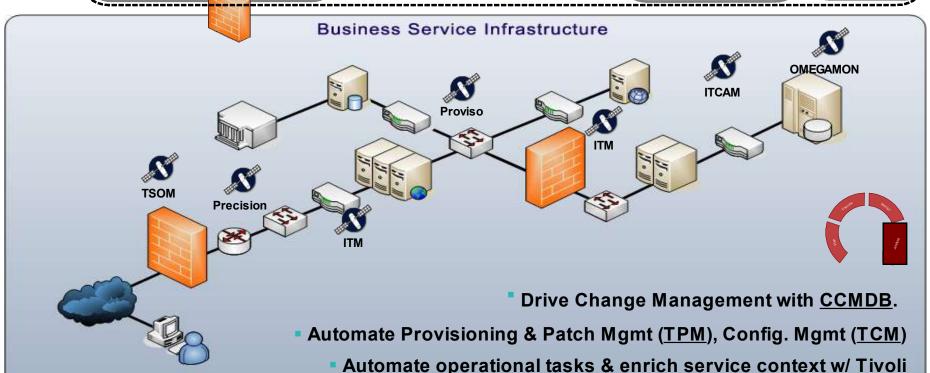


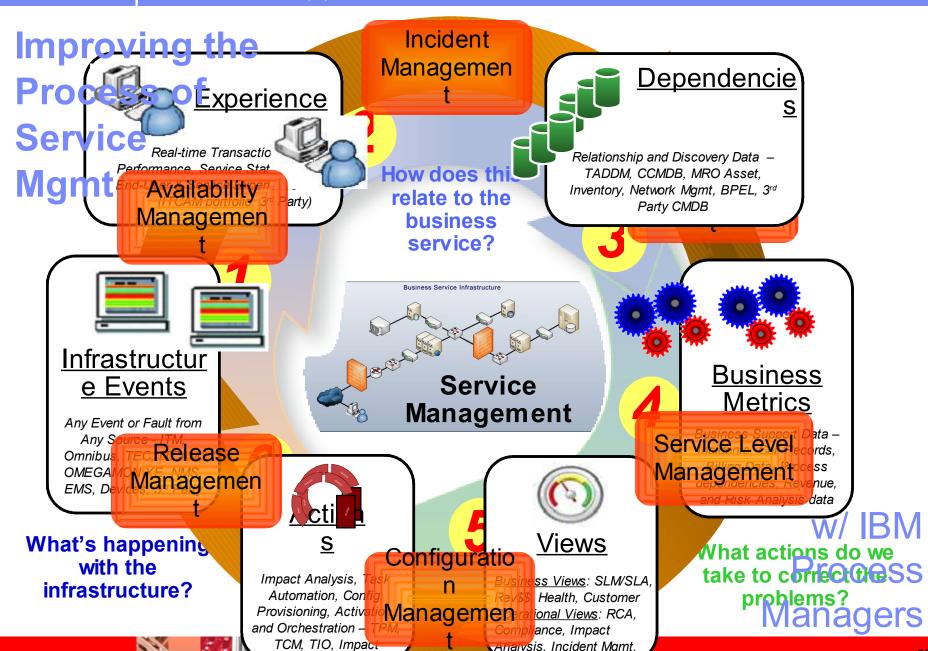




Actions

- · Increase Server capacity
- · Add Redundant Database
- Need WebServer to meet demand
- Manage new resources



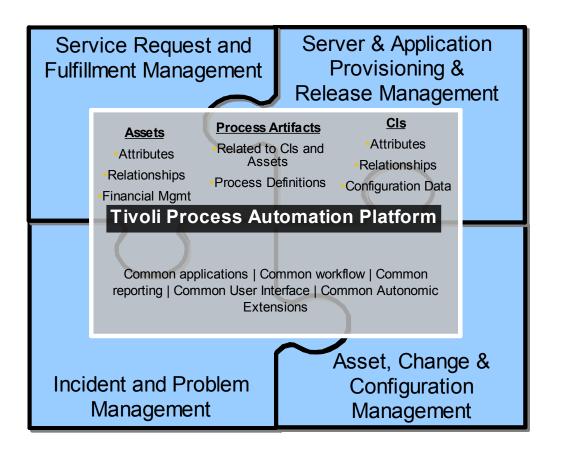


Analysis, Incident Mgmt.



An integrated approach that provides faster time to value, grows easily with your needs, and preserves your investments

Integrated Solution An Integrated set of solutions represent the full management of data, processes, tooling and people Common Data Model The core solutions share a common data subsystem for simple data sharing Processes that Work Together The core solutions share a process workflow automation engine No Rip and Replace Leverage existing investments in IBM and 3rd party IT management tools Lower Cost of Ownership Lower infrastructure and training costs, simple upgrade model





Several Analyst's View

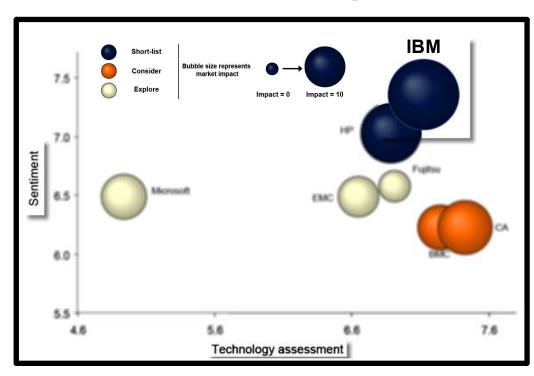
ITM for Microsoft Applications

Customer's Should Consider ITIL and Service Management

IBM is in a clear overall lead in IT systems management, with its broad and extensive Tivoli offering that spans almost all aspects of IT systems management...

Datamonitor believes IBM will continue to lead in this market due to its superior vertical reach and continuous improvement of its technology.

Datamonitor Analyst Report - March 2007



With the introduction of ITIL version 3 we expect many savvy customers to embrace this more end-to-end view of services and service lifecycle management and that a vendor's ability to help customers adopt this more integrated approach to service management will become a critical differentiator... As a result, IBM comes out as the player with the greatest basis of differentiation.

Ovum IT Service Management Vendor Report Card 2006





Key Links

- Visit http://www-306.ibm.com/software/tivoli/ to learn more about how Tivoli can help you unlock innovation through Visibility. Control. Automation. ™
- Visit http://www-306.ibm.com/software/tivoli/tivoli_user_groups/index.html?
 &ca=qapromo&met=swnewsletter-s0swg-b0swg-l0tiv-d0swgmer-n062-o0tug-g0usen for more information about Tivoli News & Events, Hot Links, Newsletters, Acquisitions and User Community Groups
- Visit http://www-01.ibm.com/software/tivoli/governance/servicemanagement/itup/ tool.html for a fantastic free tool - IBM Tivoli Unified Process (ITUP). ITUP is a Web-based tool that provides detailed documentation of service management processes based on industry best practices, including the recently released ITIL® V3 best practices.



Don't Miss Pulse 2009, Feb. 8-12, in Las Vegas

- Join over 5,500 attendees for an even bigger and better event
- Hear more service management experts, technical presentations and customer testimonials
- Enjoy expanded hours and a Cyber Cafe at the Pulse Expo
- Stay at the MGM Grand with all Pulse attendees: 5,000+ rooms

- Register at: http://www-306.ibm.com/software/tivoli/pulse/ (begins Aug. 29)
- Create personal agenda with customized agenda tool on conference website
- Help shape Pulse 2009 post your suggestions to online forum
- Sign up! Call for expert speakers begins in September









Thank You

Questions

