



Gestión de configuración del puesto de trabajo

Tivoli Endpoint Manager

IBM Software

PCTY2010 
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Optimizing the World's Infrastructure
[June 10th Madrid]

Disclaimer

The information on the new product is intended to outline our general product direction and it should not be relied on in making a purchase decision. The information on the new product is for informational purposes only and may not be incorporated into any contract. The information on the new product is not a commitment, promise, or obligation to deliver any material, code or functionality. The development, release, and timing on any features or functionality described for our products remains at our sole discretion.

IT transformation of endpoint management

Traditional



Windows, Linux etc

Servers, Desktop, Laptop

Knowledge Workers

- Preserve thick client usability
- Central management of all desktops
- Manage integrated security and vulnerability



Branch Office Workers

- Highly secure access to Banking Applications
- Increased Security by replacing fat clients with thin clients

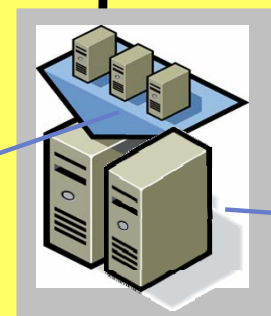


Mobile

Mobile Access



- Management and security for mobile devices
- Access to your data from mobile devices
- Highly secure access to enterprise resources and data



Virtual Client Solution

- Central management
- Back end storage of Desktop
- Off-line patching of Desktop
- Security policies

Remote Access

- Access to your desktop from virtually any PC at any time
- Highly secure access to enterprise resources and data
- Deploy virtually any application



Transaction Workers, Call centers

- Deploy virtually any application
- Flexible architecture to increase decrease number of seats



Endpoint lifecycle management: the big Cs

Complexity:

- Manage complexity
 - coordination across business processes through the organization
 - Heterogeneous endpoints, networks, applications and OSEs

Compliance

- Ensure Compliance
 - Security vulnerabilities
 - Inaccurate inventory
 - Industry regulation compliance and auditing (COBIT, FIPS, SARBAN OXLEY and more)

Cost

- Reduce TCO & Operational Costs
 - Remove manual intervention
 - Remove unnecessary configuration diversity
 - Improve efficiency

Transformation from old task oriented & silo'd approach to full integrated lifecycle management

Software distribution
 • Packaging
 • Distribution

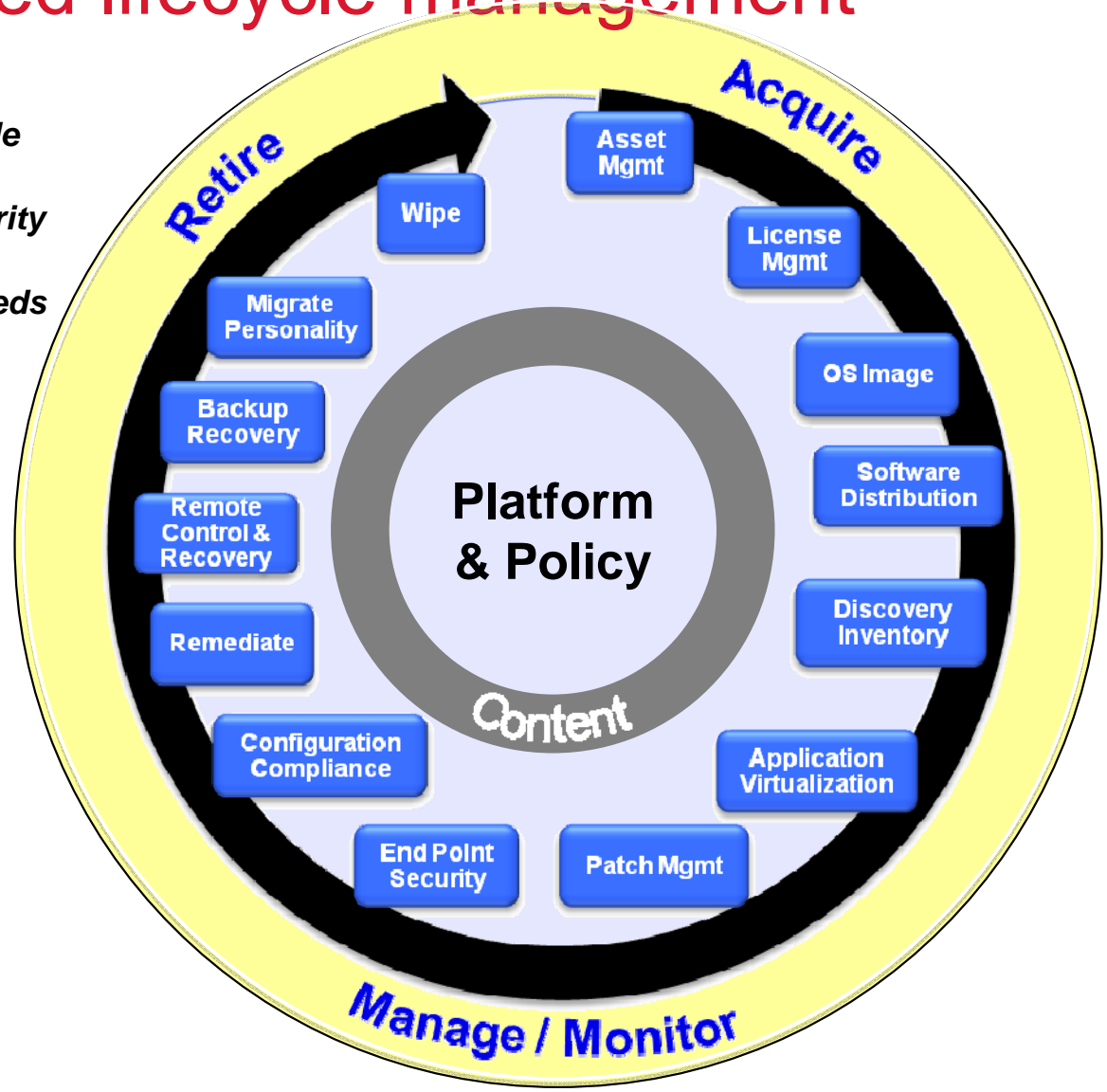
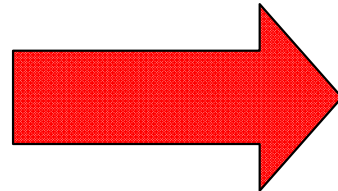
Inventory mgmt
 • Discovery
 • Inventory

Patch management
 • OS
 • Applications

Compliance
 • Security
 • Configuration

Repair & recovery
 • Task execution
 • Remote control

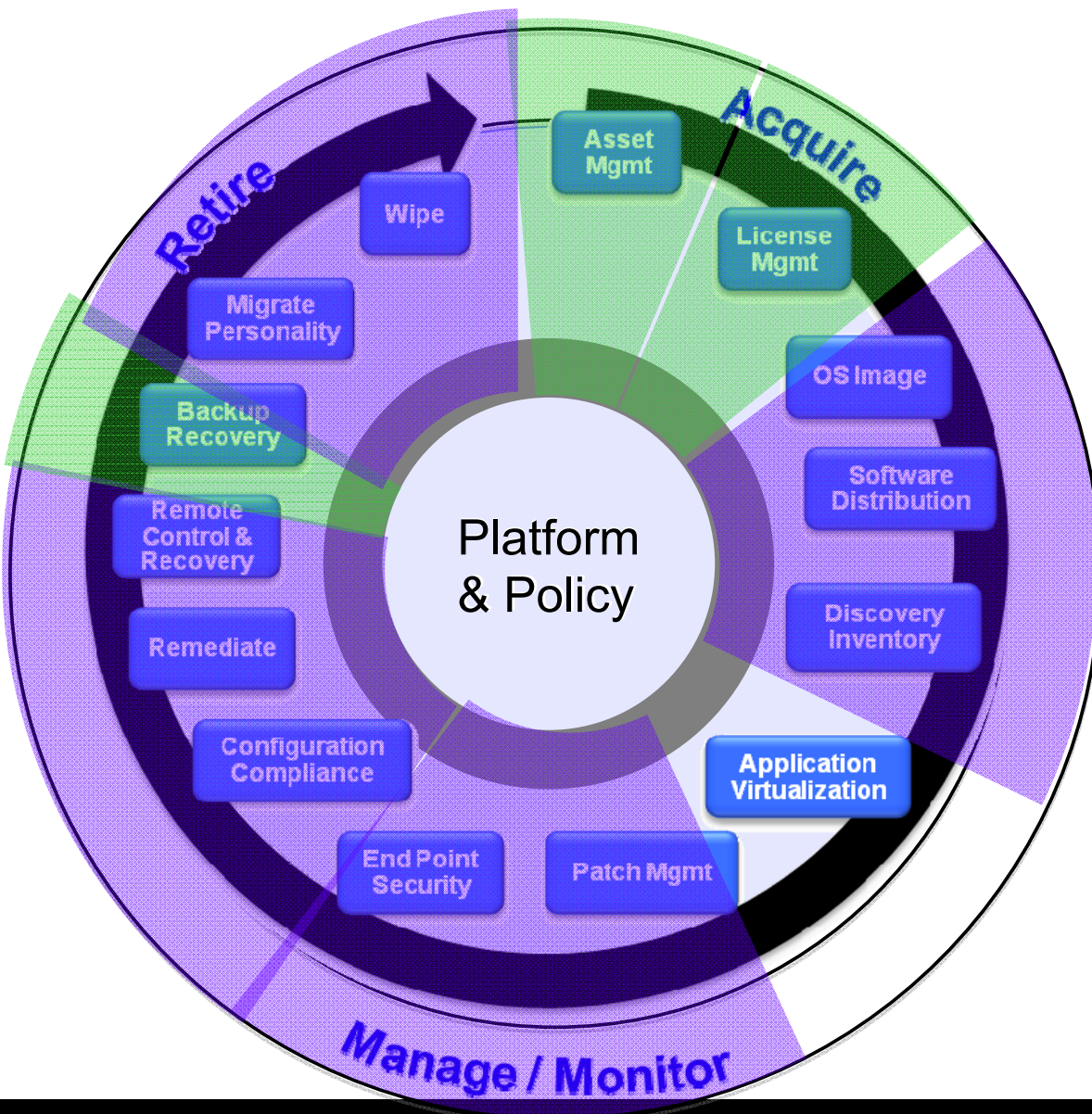
- *Remote & Mobile workforce*
- *Increased Security Needs*
- *Compliance Needs*
- *Virtualization*



TCM / TPM for SW

Tivoli Endpoint Manager

IBM Tivoli Endpoint Manager



EndPoint Lifecycle

Management: Easy to manage, comprehensive, Policy Based solution for Patch Management, Compliance and Remediation

Security Compliance

Management: Expand Security Management contents to include ISS/ITD requirements. TSCM capabilities replacement.

Patch Management:

Enablement for third party content provider

- TEM Core
- Additional Tivoli Products

What Tivoli Endpoint Manager can do ?

Bare metal OS
Deployment

Compliance
Management

Configuration
Management

Discovery &
Inventory

Security & Patch
Management

Comprehensive
Reporting

Software
Distribution

Remote Control
& Data Moving

Scripting &
Extensibility

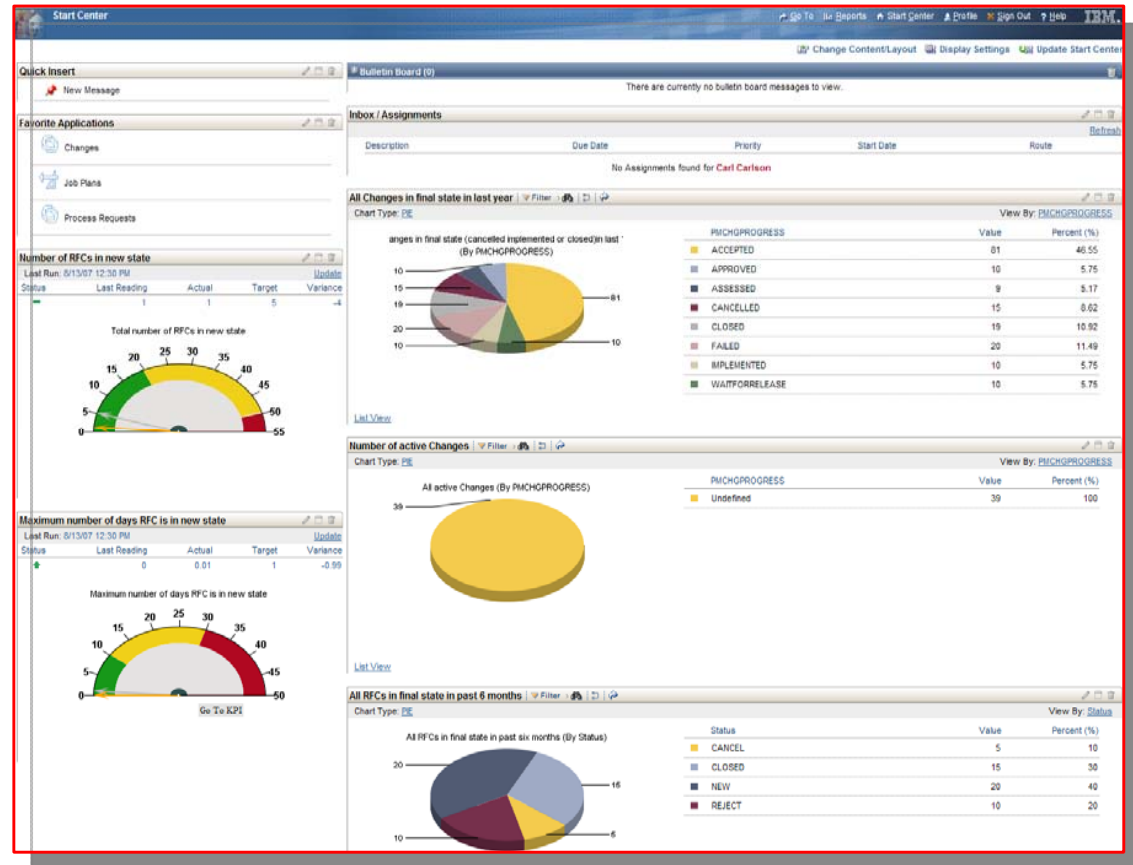
Open based Process Management

Across multiple OS's such as Windows, Linux, Mac OS, AIX & HP-UX

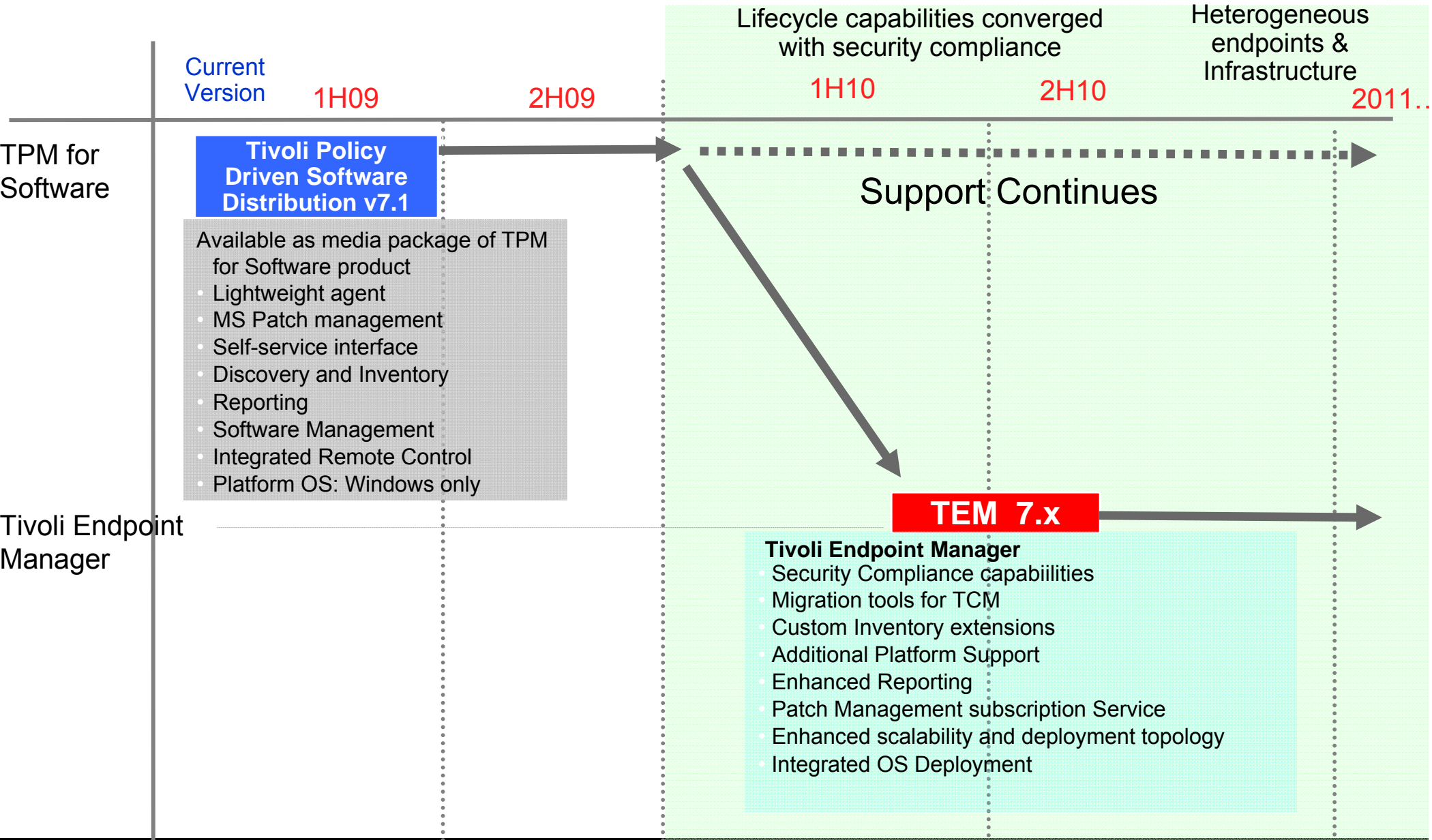


Dramatic differentiators in end-user experience, configurability and reporting

- **Improve Individual Productivity** by helping prioritize work and information
- Simple **configuration** results in **faster time to market**, faster ability to improve
- Integrated Reporting aids Visibility and communication
- All **Customizations preserved** in Future Releases, allowing **Leverage of Investments**
- Integrated datamodel and modern technology **lowers Total Cost of Ownership**



Tivoli Endpoint Manager proposed roadmap





How TEM Works: The Work Ready approach

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TEM: the *Work Ready* Policy Approach

Bring my managed computers into a *TEM* compliant “*work-ready*” state and keep them there!



- To make sure **employees can get their work done** using their workstations
- To enable end users with a **self-service** portal and the ability to **influence the TEM agent** when permitted
- To make computers **compliant** to IT policies (including security policies)... and know it
- To quickly and accurately **patch** computers... and know it
- To ensure computers have the **right software** for their users at the right time... and know this is the case
- To track hardware and software **assets**

TEM: Implementing Work Ready

Visibility

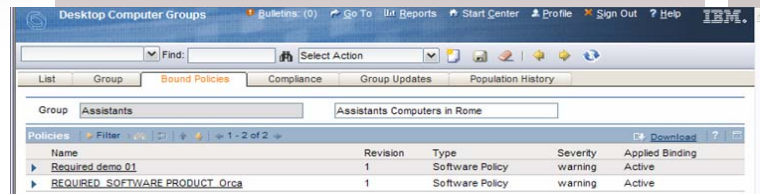
- Dashboards highlight non compliances
- GUI is role-based and highly customizable
- Full reporting interface and capabilities based on Tivoli Common Reporting

Control

- Powerful grouping (policies, computers, software, tasks etc.)
- Policies are applied to groups
- 'Push' and 'Pull' mode is available

Automation

- Policies are evaluated and can be, optionally, remediated by agents.
- Groups and Policy assignments can be dynamically updated



The screenshot shows a web interface for managing desktop computer groups. The 'Policies' section is active, displaying a table of policies assigned to the 'Assistants' group. The table has columns for Name, Revision, Type, Severity, and Applied Binding.

| Name | Revision | Type | Severity | Applied Binding |
|--------------------------------|----------|-----------------|----------|-----------------|
| Required_demo_01 | 1 | Software Policy | warning | Active |
| REQUIRED_SOFTWARE_PRODUCT_Crcs | 1 | Software Policy | warning | Active |

Server delivers policies to endpoints



Endpoints report compliance and remediation results



Summary

- TEM is a platform, as well as an out-of-the-box solution
- TEM includes powerful cross-platform agent automation
- TEM's Endpoint Management Infrastructure scales
 - Scale UP with clustering
 - Scale OUT with distributed Endpoint Controllers and Depots
 - Leverage LAN-based points of presence via TEM Agent Services

Reduce TCO

- The TEM solution provides...
 - Centralized control and visibility to agent state in near real-time
 - Automation down to the agent level, with a lightweight native agent
 - Efficient messaging and file transfer
 - The Work Ready policy-based management approach, including:
 - End-user GUI to observe and influence the TEM Agent
 - Agent obligations to avoid interfering with the end user's work
 - Self-service interface (web-based) to software catalog



Thank You!

Q & A

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