

Increasingly Complex IT Environments Need Better IT Process Automation to Maintain Control

Digital transformation is driving higher volumes of complex changes within enterprises. Yesterday's manual processes need to be replaced with process automation solutions for incident detection, creation of change requests, remediation, and closure. Traditionally already complex IT environments are getting even more complex, with massive increases in data volumes, cloud adoption, and new applications and endpoint devices. IT departments need new tools with advanced automation and artificial intelligence for IT operations (AIOps) to keep up.

Digital Transformation and Cloud Have Made IT Operations More Complicated, Not Less



68%
of surveyed IT professionals say their IT environments are more complex in 2018 than two years prior.



Over one in five
say they are significantly more complex than two years ago.

Increasing IT Complexity Being Driven by Higher Data Volumes and Diversity in the Targets Under Management

ESG respondents found IT complexity is increasing in both the breadth of management coverage and depth of the potential data and systems to monitor.



41%
Higher data volumes



39%
Increase in number/type of endpoint devices



35%
Increase in number/type of applications



33%
The need to use both on-prem data center and public cloud

IT Operations Need Better Management and Orchestration Capabilities

ESG respondents cited the need to have better understanding and integration with their entire IT environment, which is fundamental to management in the digital age.



34%
Better performance management



33%
Better integration between cloud and on-prem management services



32%
Better integration with existing management frameworks



29%
Improved backup and recovery in virtual environments

Today's Businesses Need an Automated Operations Solution

BMC has developed modern solutions for event-driven IT process automation and closed-loop configuration and compliance management. BMC's TrueSight Operations Management, TrueSight Orchestration, and TrueSight Server Automation deliver automated operations with:



Monitoring and Event Management – Complete application-centric view of services, monitoring the status and availability of the server to drive the event automation and remediation process with built-in behavioral learning.



AIOps/Analytics Capabilities for Remediation – Leveraging artificial intelligence, TrueSight brings together historical and real-time data, including log analytics, and uses machine learning and probable cause analytics to identify the issue and recommend resolutions.



Automation and Orchestration across the Entire IT Operations Lifecycle – Automatically execute and orchestrate the right remediation for the event, integrating the detection, validation, resolution, and verification of remediation.



Multi-cloud Platform Coverage – TrueSight monitors the health and performance across on-premises and public cloud environments, simplifying the ever-increasing complexity of today's digitally transformed environments.

Only with intelligence and automation can IT operations keep up with today's digitally transformed environments.



Automate resolutions



Reduce MTTR

TrueSight Operations Management and TrueSight Orchestration work together to automate the resolution of recurring events to significantly reduce MTTR.



Reduce costs



Reduce errors

TrueSight Server Automation and TrueSight Orchestration form a solution that automates process compliance while reducing labor cost and errors.

The Bigger Truth: Achieving Automated Operations with TrueSight

As the breadth and depth of IT environments continue to change, the tools that IT operations uses must change to keep pace. One of the changes that they can make is to leverage automation to simply execute the existing remediation process and resolve incidents quickly and without excessive human interaction. By reducing the complexity and time it takes to restore services, a modern process automation solution can help IT operations meet the needs of today's digital businesses.

BMC is leading the way with automated IT operations by taking the common, frequently occurring tasks that IT operations faces and putting in place automation, leading to reduced costs, lower risk, higher performance, and more rapid execution of tasks. With TrueSight Operations Management, TrueSight Orchestration, and TrueSight Server Automation, BMC provides the modern, end-to-end IT process automation and AIOps solutions needed by digitally transformed businesses.

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