

Tripwire Console Orchestrator

Management Efficiency for Multiple Tripwire Enterprise Consoles

Strong ROI

A large financial services firm had five Tripwire Enterprise Consoles within their large and geographically dispersed organization. They used Tripwire Console Orchestrator to find each and validate existing policies, configurations and the attached Tripwire Agents. They then used Tripwire Console Orchestrator to push a confirmed and controlled master Console configuration from their test and staging area to all production Consoles. This reduced the time required for the task to a few minutes from start to finish, saving hours of time. That's a strong return on the investment in Tripwire Console Orchestrator—in a single update.

It's a familiar concept to many IT organizations to install and test new or updated technology such as software, hardware or even some services within a staging area before moving to production environments. Many large enterprises adhere to Information Technology Service Management (ITSM) frameworks or standards such as ITIL, COBIT or ISO/IEC. These best practices can assure high availability, achievement of operational service level agreements, and unnecessary interruptions to the business.

The Tripwire® Enterprise Console (Console) manages and monitors system and file attributes for integrity, change or threat detection, assesses configurations for weaknesses, misconfiguration and vulnerabilities, and applies compliance and security policies to those systems.

Many enterprises choose to deploy multiple Consoles across the infrastructure for scalability needs, network topology requirements or limitations, geography, or corporate business structure. Compliance requirements such as proper network segmentation and separation of assets "in-scope" of a particular compliance standard or security policy may also drive the need for multiple consoles.

In cases where organizations have multiple Consoles, a number of management challenges can surface for the IT Operations, IT Security or Compliance teams:

In some environments, multiple Consoles can increase the likelihood of human error, misconfigurations, lack of policy enforcement, configuration uncertainty, and increased risk of cyber

threats and downtime. Testing new or updated technology is ideally done within separate development, test or staging environments, ultimately moved through the ITSM process and finally pushed to production.

Troubleshooting can be more difficult and time consuming within production environments without an exact configuration match in the test environment.

IT efficiency and workflow integration may suffer without known configurations.

Difficulty may arise in some multiple Console environments when you need to identify which Console is managing particular Tripwire Enterprise agents and their specific versions.

Compliance requirements may call for consistent configuration in some environments (such as all Retail or Hospital POS devices need to have identical configurations).

Manage and Automate With Tripwire Console Orchestrator

Tripwire Console Orchestrator is a flexible, web-based configuration tool that helps IT organizations manage and automate the change and migration process from test environments to production.

Tripwire Console Orchestrator has a clear user interface and smart alerts that help you manage large and complex environments.

Tripwire Console Orchestrator:

- » Enables the application of a master (or “golden”) configuration to multiple Consoles, which ensures configuration consistency
- » Let’s you override the default Environment Labels (Development/ Staging/Production) to match your company’s terminology, which results in a smoother integration into your environment.
- » Gives granular detail and certainty on which Consoles and agents—along with their versions—are in place, along with other characteristics helpful to managing multiple Console environments.
- » Allows the user to search across all monitored Tripwire Enterprise consoles at once, for any asset that has unhealthy tags associated with it. The user can then perform a restart/refresh action across the entire Tripwire Enterprise deployment

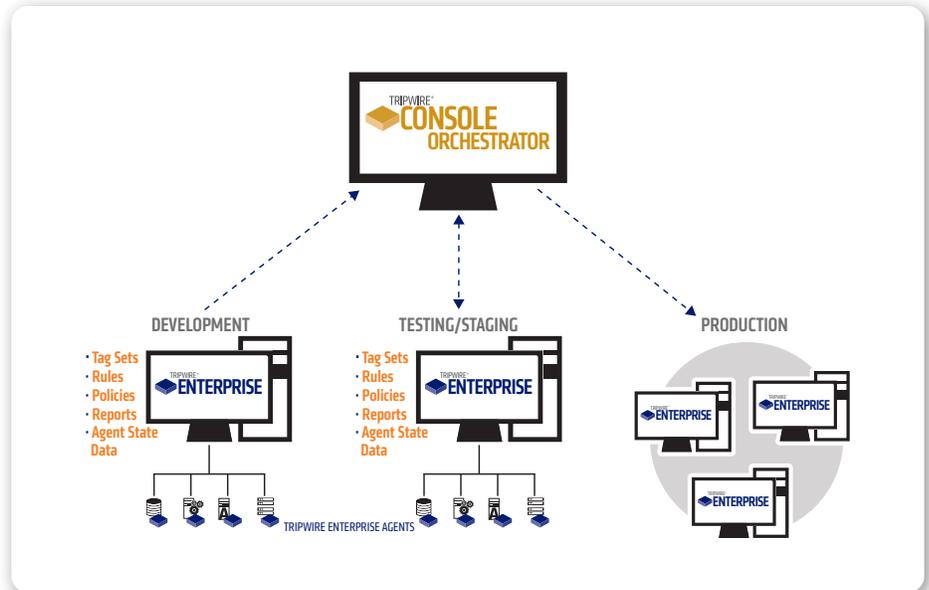


Fig. 2 Tripwire Console Orchestrator enables the application of a master configuration to multiple consoles.

- » Safely manage large and complex environments
- » Enables ITIL-style change management to fit within many enterprise ITSM processes
- » Eases phased deployments across the enterprise, saving time
- » Reduces manual operations through automation and consistent operations
- » Integrates with existing user management – for example Admins can leverage Active Directory to create Tripwire Console Orchestrator users
- » Enables more rapid IT response through greater visibility and control over policies, configurations and reports in use
- » Facilitates enterprise goals that lead to continuous monitoring, security and compliance—a best practice within industry standards
- » Reduces the number of Admin accounts in some production settings or environments where tight Admin control is desired

Current TE Server License Info

Console Information			File System Licenses		Directory Server Licenses		Database Server Licenses		Network Device Licenses	
Name	Version	Environment	FIM (Used/Total)	SCM (Used/Total)	FIM (Used/Total)	SCM (Used/Total)	FIM (Used/Total)	SCM (Used/Total)	FIM (Used/Total)	SCM
172.16.81.147	8.4.0	Staging	1999/2000	1492/2000	992/1000	992/1000	977/1000	951/1000	1000/1000	
172.16.81.131	8.4.0	Production	1907/2000	1610/2000	898/1000	898/1000	771/1000	765/1000	1000/1000	
Total License Usage			3906/4000	3102/4000	1890/2000	1890/2000	1748/2000	1716/2000	2000/2000	

Fig. 1 User can click from the Home page on Tripwire Enterprise Consoles; a new tab will open. Note that the user can instantly see the current license usage to avoid running out of agents, which could trigger an interruption in business.

SUMMARY

Tripwire Console Orchestrator is an easy to use configuration control utility for Administrators who have to manage multiple Tripwire Enterprise Consoles. It can save IT organizations time and manual effort, reduce human error and increase automation efficiency while improving security and compliance.

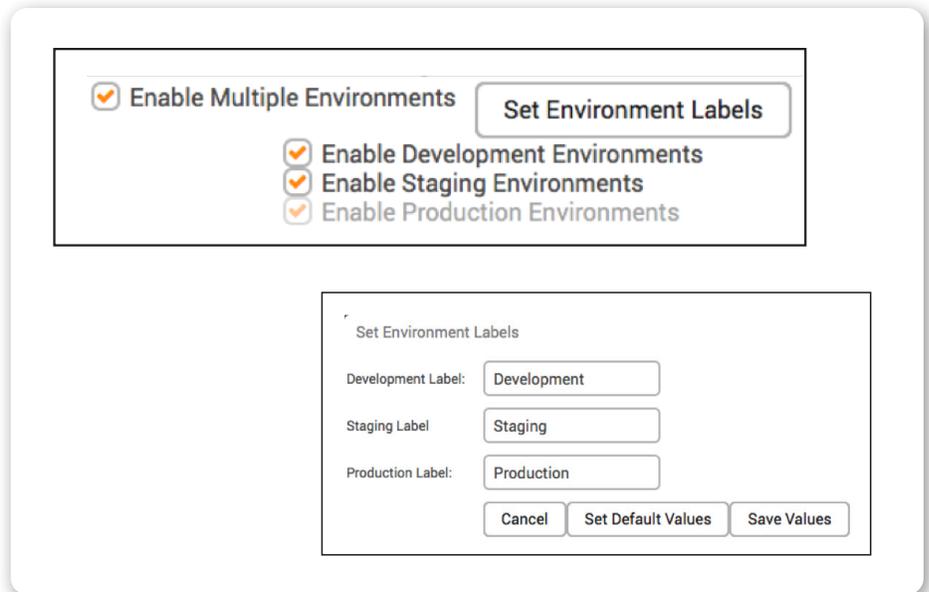


Fig. 3 The user-friendly Set Environment Labels feature allows you to rename labels to match your organization's terminology.

<input type="checkbox"/>	Name	Agent Version	Node Type	Console	Health Status	Monitoring Stat...	Last Node Check De
<input type="checkbox"/>	WIN-TE01	8.4.0.b1000	Windows Server	172.16.81.1...	Healthy	Enabled	03/25/16 12:16
<input type="checkbox"/>	Win-TE01:	N/A	Ms Sql Server Node	172.16.81.1...	Healthy	Disabled	Never
<input type="checkbox"/>	WIN-RSLDJPKM6G6.stallbaum-net.loc...	8.4.0.b1000	Windows Server	172.16.81.1...	Healthy	Enabled	12/04/15 09:53
<input type="checkbox"/>	WIN-BVKS1TS5015	8.3.7.b371	Windows Server	172.16.81.1...	Healthy	Enabled	Never

Fig. 4 When a user manually searches or imports a list of assets to decommission, Tripwire Console Orchestrator performs an asset lookup and presents a pick-list of matching assets. The user has to confirm prior to launching the decommissioning process.



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