

SOLUTION BRIEF






MetaDefender OT Security and HPE Aruba Networking ClearPass Policy Manager

Enhanced and unified asset visibility and access control
across IT and OT organizations

Cyber protection of critical environments requires complete visibility and proper access control into every asset across organization's IT/OT infrastructures. This can be challenging as OT environments usually consist of legacy devices with proprietary protocols and unique requirements for security and safety.

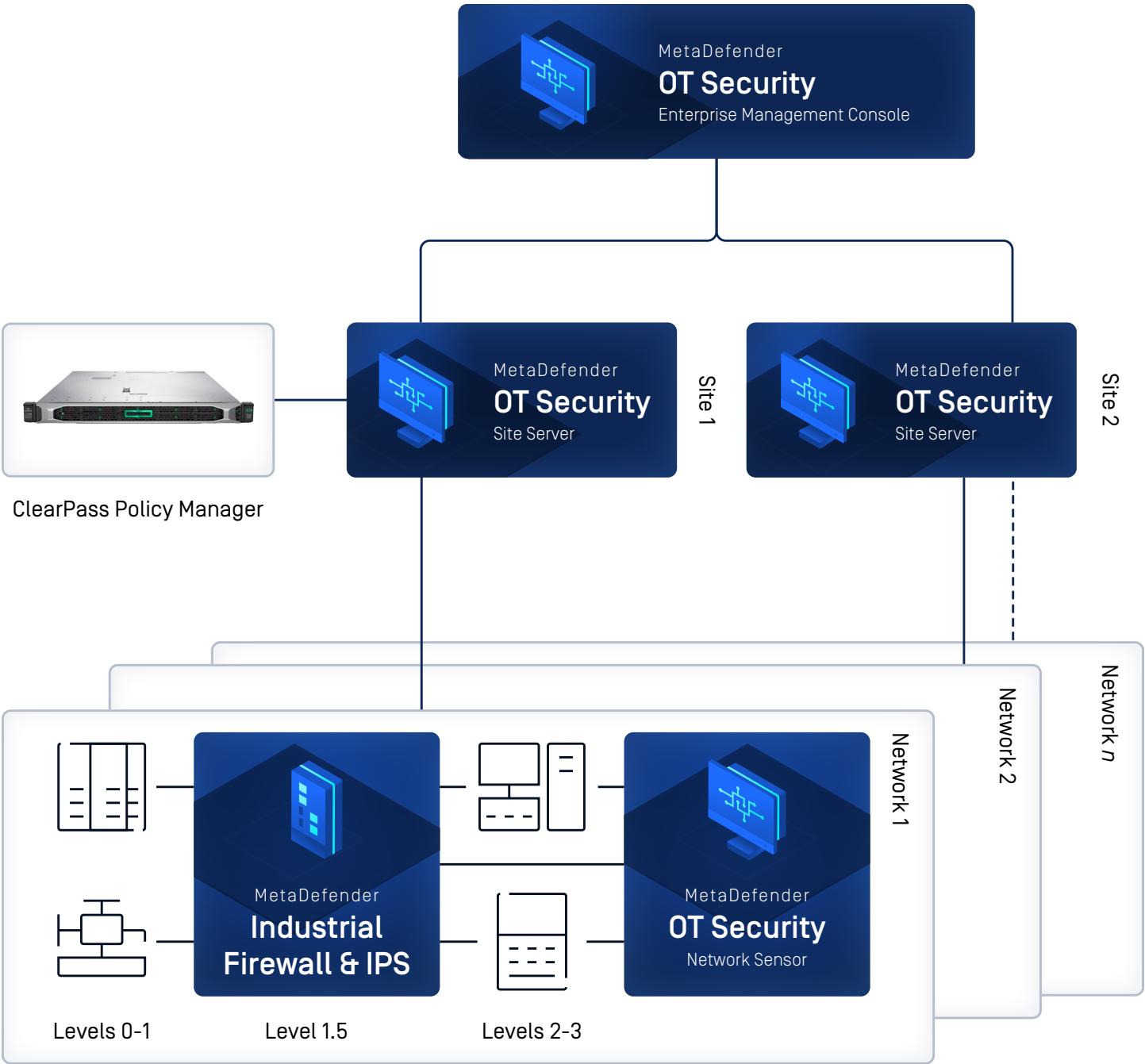
The integration between OPSWAT's MetaDefender OT Security, an advanced cyber protection platform for critical OT and cyber-physical systems, and HPE Aruba Networking ClearPass Policy Manager, the world's leading network access control with granular role-based policies for authentication, helps address this challenge. Through this integration, devices in OT environments are safely and accurately discovered by MetaDefender OT Security and sent to ClearPass Policy Manager with all attributes for each device. The integration enables unified visibility and access control of IT/OT environments from a single view within ClearPass Policy Manager.

Key Features

-  **Enhanced Asset Information**
Ability to create custom attributes and pull additional device information like OS Name, OS Version, Configuration changes, Country of Origin, and many more.
-  **Streamlined User Permission Policies**
Ability to create and enforce user profiles with specific permissions based on roles and device characteristics.
-  **Optimal Device Authorization Policies**
Automated creation and enforcement of device profiles to ensure compliance with security policies and immediate response to anomalies.
-  **Behavioral Analysis**
Rule/policy setting basis exposure score for enhanced security measures.
-  **Multi-Device integration**
One MetaDefender OT Security deployment can integrate with multiple ClearPass Policy Manager servers.

Technical Specifications

MetaDefender OT Security [v3.2.0] X HPE Aruba Networking ClearPass Policy Manager [v6.11]



Key Business Benefits

Efficient Device Management

Streamlined user permission and device authorization policies reduce unauthorized access

Threat Management

Exposure score sharing ensures better understanding of the threat scale and security posture of devices, in-turn leading to better and quicker decision-making

Risk Mitigation

Automated alerts and responses to anomalies help mitigate potential impact to operational stability

Operational Resilience

Extending NAC or Network Access Control use cases from IT to OT leverages existing infrastructure for operational efficiency and cost-effectiveness

Technical Use Case

For customers who have ClearPass Policy Manager deployed within their IT environments, this integration allows for the creation of user and device profiles within ClearPass Policy Manager, based on OT insights from MetaDefender OT Security. Based on the baseline information shared by MetaDefender OT Security, these profiles enforce strict authorization policies aligned with Zero Trust principles. These profiles define the “normal” functions of devices, updates or configuration changes – when and by whom they should be conducted, exposure scores and device access policies. Any deviations trigger automatic policy changes to mitigate potential threats, ensuring robust protection for OT environments.

This integration empowers organizations with unified IT/OT security governance, enhancing protection for OT availability, reliability, and safety. By leveraging the combined strengths of MetaDefender OT Security and HPE Aruba Networking ClearPass Policy Manager, organizations can achieve a comprehensive and robust security posture across both IT and OT environments.

**Ready to integrate
MetaDefender OT Security with
your cybersecurity strategy?**

Talk to one of our experts today.

Scan the QR code or visit us at:
opswat.com/get-started
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Protecting the World's Critical Infrastructure

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