<) FORESCOUT.

Forescout eyeExtend for McAfee® ePO™

Fortify endpoint defenses, boost compliance and automate threat response

Enterprise security teams are managing increasingly complex environments characterized by the exponential growth in the number and diversity of devices connecting to their networks. Organizations deploy security tools such as McAfee ePolicy Orchestrator (McAfee® ePO™) to identify, manage and respond to endpoint security issues and threats. Devices that connect to the network unnoticed, however, pose a risk. If they remained undetected, compromised devices can be used as launch pads to target higher-value assets, gain access to sensitive information and cause significant business impact. Forescout eyeExtend for McAfee ePO provides enterprises with a comprehensive approach that spans complete endpoint detection, threat prevention and response in real time to reduce security risk.

Challenges

- Achieving continuous visibility of every single managed and unmanaged device, accessing corporate resources

- Reducing imformation technology (IT) and security staffs' manual workload of managing device hygiene and compliance

- Reducing lengthy response times and manual processes to contain threats before data is exfiltrated or other resources are compromised

The Solution

Forescout eyeExtend for McAfee ePO orchestrates information sharing and security workflows between Forescout and McAfee ePO to improve device compliance and automate threat detection and response.

Forescout eyeExtend for McAfee ePO leverages the comprehensive device visibility, and context provided by Forescout eyeSight. With in-depth device information, Forescout eyeExtend makes McAfee ePO aware of every single network attached device – including BYOD, transient and other non-traditional devices that are not managed by McAfee – enabling McAfee ePO to be aware of the entire enterprise attack surface. With Forescout, customers have discovered approximately 30% more devices connected to their networks on average than they were previously aware of.

Forescout eyeExtend also helps ensure that devices maintain the correct security posture and are compliant with enterprise security policies from the time they connect to your network and for the entire duration they remain connected. Forescout continuously validates the integrity of McAfee ePO agents on all devices. Forescout provides automated response options to isolate or restrict network access of noncompliant devices and also facilitates remediation actions to help enforce device compliance at all times.
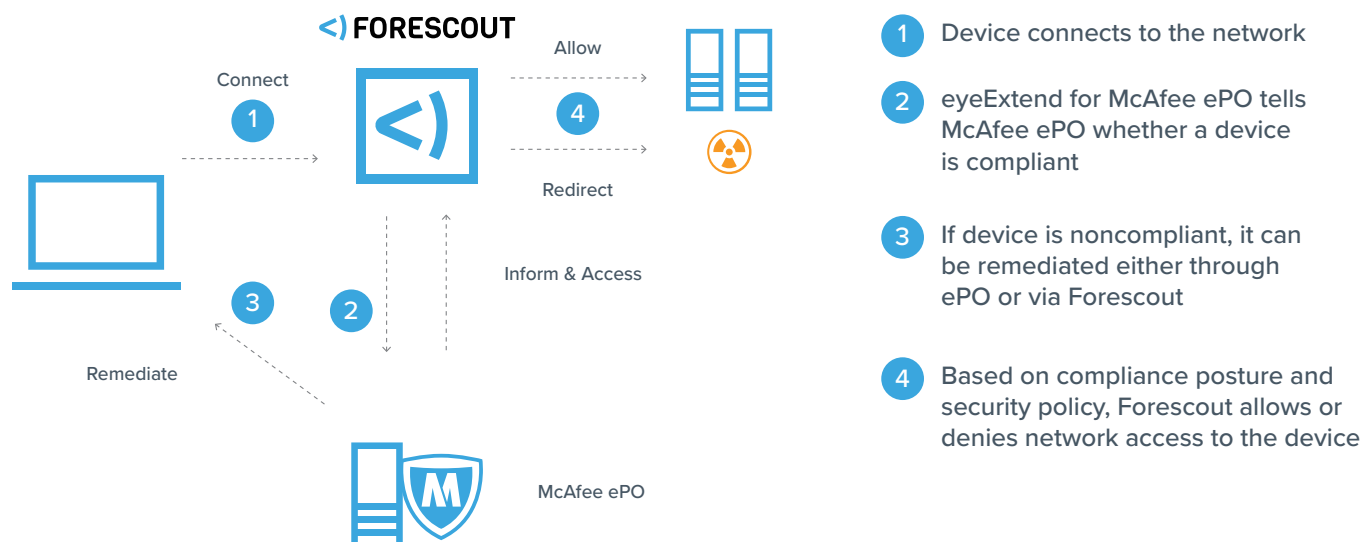
eyeExtend

Benefits

<) Gain complete visibility across all IP-connected devices, including BYOD, guest and transient devices across IT and OT networks

<) Increase operational efficiency through real-time assessment and admission of unmanaged devices to ePO

<) Minimize mean time to detect and respond to threats by automating remediation and response for noncompliant devices

Highlights

<) Report new devices to ePO and bring all devices under McAfee ePO unified security management

<) Share device contextual insight with ePO about unmanaged and rogue devices

<) Automate installation and repair of McAfee ePO agents

<) Ensure ePO agents are healthy and up-to-date at all times

<) Isolate, restrict or prevent noncompliant devices from accessing the network dynamically and initiate remediation actions

To sum up, Forescout eyeExtend for McAfee ePO offers greater coverage and control of more devices in real time on your extended network.

1. Device connects to the network

2. eyeExtend for McAfee ePO tells McAfee ePO whether a device is compliant

3. If device is noncompliant, it can be remediated either through ePO or via Forescout

4. Based on compliance posture and security policy, Forescout allows or denies network access to the device

Use Cases

Expand device security coverage

With its agentless complete device discovery, Forescout makes McAfee ePO aware of every single IP-connected device – whether managed, unmanaged or transient across IT and OT infrastructures – the instant it connects. This enables McAfee ePO to bring more devices under its centralized security management platform.

Improve device compliance

eyeExtend for McAfee ePO improves security hygiene by verifying that the McAfee ePO agent is installed and running on all devices and that it is communicating properly with McAfee ePO. If eyeExtend finds devices with missing, disabled or broken agents, it alerts McAfee ePO to install or repair the agent. Forescout can also trigger automated workflows for self-remediation to enforce managed device compliance.

Accelerate and automate policy-driven threat response

eyeExtend for McAfee ePO continuously monitors device status both at the time the device connects to the network and after. When McAfee ePO determines that a device is noncompliant with security policy, it informs Forescout in real time. Forescout can automatically take appropriate actions such as restricting, isolating or blocking compromised devices and initiating remediation workflows.

Learn more at Forescout.com