Highlights

See

- Discover devices the instant they connect to your network without requiring agents

- Profile and classify devices, users, applications and operating systems

- Continuously monitor managed devices, including corporate, BYOD and IoT endpoints

Control

- Allow, deny or limit network access based on device posture and security policies

- Automatically enroll and install EMM agents on unmanaged devices

- Improve compliance with industry mandates and regulations

Orchestrate

- Increase operational efficiency with automated enrollment

- Automate common workflows, IT tasks and security processes across systems

- Accelerate system-wide response to quickly mitigate risks and data breaches

ForeScout Extended Modules for Enterprise Mobility Management

ForeScout Extended Modules for Enterprise Mobility Management (EMM) Systems

ForeScout CounterACT® is a network security appliance that provides IT organizations with the unique ability to see devices, including non-traditional devices, the instant they connect to the network. CounterACT provides policy-based control of these devices and works with ForeScout ControlFabric® Architecture and ForeScout Extended Modules for EMM to orchestrate information sharing and automate operation between CounterACT and leading EMM systems.

The Challenges

Visibility. According to industry experts, the vast majority of successful attacks exploit well-known vulnerabilities and security gaps on endpoints. However, most organizations are unaware of a significant percentage of the endpoints on their network because they are either unmanaged, Bring Your Own Device (BYOD), guest or Internet of Things (IoT) devices. Also, they may have disabled or broken agents, or are transient devices that aren't detected by periodic scans. As such, you are unaware of the attack surface on these devices.

Threat Detection. Today's cyberthreats are more sophisticated than ever and can easily evade traditional security defenses. Multivectored, stealthy and targeted, these attacks are focused on acquiring sensitive personal information, intellectual property or insider information. Compromised endpoints and data breaches can often remain undetected for weeks or months. To detect these advanced threats, zero-day attacks and infected endpoints, you need sophisticated security controls that do not rely on signatures.

Response Automation. The velocity and evasiveness of today's targeted attacks, coupled with increasing network complexity, mobility and BYOD, are creating the perfect storm for IT security teams. Without an automated system to continuously monitor and mitigate endpoint security gaps, valuable time is lost performing these tasks manually. And without the ability to automatically and quickly respond to attacks and security breaches, you are leaving the window open for cyberthreats to propagate within your network and exfiltrate data.

How ForeScout Extended Modules for EMM Work

In conjunction with your EMM system, ForeScout CounterACT and an Extended Modules for EMM can provide unified security policy management for devices on your network regardless of the type (PC, Mac, Linux®, tablet, smartphone), the connection (wired, wireless, VPN) or ownership of the device (corporate or personal).

The combination of an Extended Module for EMM and ForeScout CounterACT allows you to supplement your existing EMM system with network access control and real-time visibility of unmanaged (agentless) mobile devices. In addition, the

1. ForeScout discovers endpoints as they connect to the network—managed or unmanaged.

2. ForeScout validates the EMM agent is installed, fully functional and up to date.

3. ForeScout checks with EMM server that agent is communicating correctly; if needed, ForeScout restarts / reinstalls EMM agent, or triggers EMM server to reinstall it.

4. If EMM agent is missing, ForeScout checks with EMM Server for compliance, and if required, ForeScout isolates endpoint and initiates installation of EMM agent.

5. Once the endpoint is considered compliant, ForeScout allows the endpoint on to the network.

ForeScout CounterACT®

Enterprise Mobility Management System

Internet

Firewall

Mobile Devices
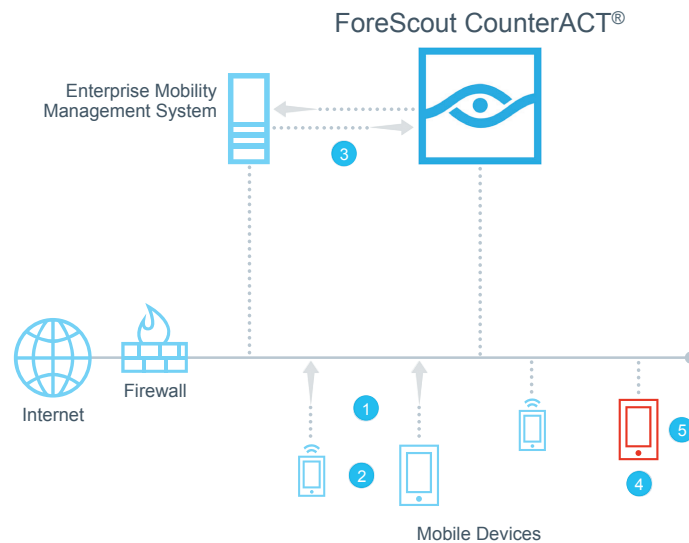
Supported Enterprise Mobility Management Systems

Products supported by ForeScout Extended Modules for EMM include:

- IBM MaaS360
- VMware Airwatch
- MobileIron
- Citrix XenMobile

For details on our licensing policy, see www.forescout.com/licensing.

modules instantly deliver comprehensive information about managed mobile devices that are connected to the enterprise network. This information is then displayed in the CounterACT console alongside information about devices such as desktop PCs that are outside the scope of your EMM system. From the CounterACT console, you can configure and enforce network security policies, monitor and report on policy compliance, and see network information such as where and how a device is connected to your network.

Extended Modules for EMM are optional modules for ForeScout CounterACT and are sold separately. When used in conjunction with your existing EMM system, ForeScout CounterACT and Extended Modules for EMM provide automated real-time detection of mobile devices, automated enrollment and installation of EMM agents, just-in-time compliance checks and policy-based access rules based on your security policies, regardless of the device type.

Learn more at
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