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# Real Time for McAfee ePolicy Orchestrator
## A speed multiplier that supercharges McAfee products

Real Time for McAfee® ePO™ collects McAfee endpoint security product status instantly. This real-time visibility enables you to act on the most recent intelligence, not historical data, helping you to quickly identify and remediate under-protected and noncompliant endpoints. Now you can enhance situational awareness and incident response for front-line endpoint administrators using an approach that scales to the largest organizations.

## Key Advantages

- Instant information provides visibility into the security state and health of McAfee products on even large numbers of endpoints
- Real-time actions help ensure that defenses are installed, running, correctly configured, and up to date
- An efficient architecture routes around bottlenecks to scale visibility, updates, and control to large networks
- Proactive security management replaces "check box" compliance

### When Minutes Count, Real Time for McAfee ePO Delivers

In today's information-driven enterprises, IT security managers are always in a race against time. Complete, up-to-the-minute knowledge of the IT landscape can mean the difference between risk mitigation and catastrophe. With some endpoint security management tools, administrators of complex infrastructures with hundreds of servers, thousands of endpoints, and a variety of point product defenses may wait days or weeks to collect and assess endpoint data, and then days or weeks more to apply remediation through traditional policy enforcement tools. Situational awareness is a privilege of a limited few in the security operations center.

Real Time for McAfee ePO allows administrators to query the security state and health of assets whenever they need to. Through the unified dashboard and pre-programmed actions, the workflow from diagnosis to mitigated risk takes minutes, not days. This groundbreaking technology dramatically reduces the exposure, risk, and cost of security events, outages, potential breaches, and damaged reputations.

### See "What Is" on Demand

Real Time for McAfee ePO extends the core McAfee® ePolicy Orchestrator® (McAfee ePO™) platform to show "what is," rather than "what was." Best practice queries and an optimized design show you security status for managed clients

in moments. In large or complex environments, the peer-to-peer design delivers this knowledge up to a thousand times faster than with standard McAfee ePO software. This broad and immediate visibility is not possible with point solutions or historical data aggregation.

### Act Instantly and Surgically

Administrators see details in context and can remediate security issues as events are happening, not after the fact. Once you have selected the candidates for mitigation or remediation, drop-down menus make it simple to confirm, adjust, and expand protection to ensure that each system's McAfee defenses are installed, running, and up to date. This agility reduces exposure to breaking threats and the chance of a required disclosure. The included pre-defined scripts, tools, and actions are expanded via content updates.

### Scale Without Limits

Administrators can manage more endpoints and security systems more easily and more proactively, with the same resources—it's a force and speed multiplier that makes McAfee ePO software more valuable. Best practice queries and actions help even novice administrators do the right thing faster, improving productivity, simplifying audit support, and reducing noncompliance. Underlying it all, role-based access through McAfee ePO software organizational structures prevents unwanted or unauthorized actions on systems.
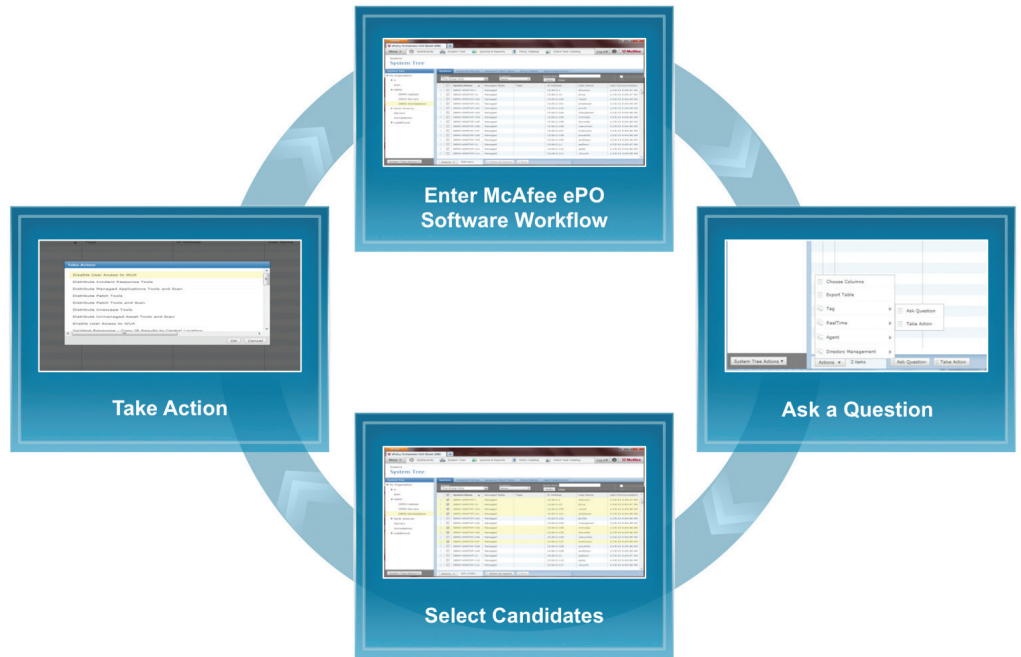
Figure 1. Best practice content and dropdown menus within the workflow speed data collection and risk mitigation.

## What's the Secret?

Real Time for McAfee ePO uses a scalable peer-to-peer methodology for querying information from all your endpoints in mere moments. This model expedites feedback from queries, providing more precise and current information on which to base more intelligent analysis and decision making.

After installation, clients contact the McAfee ePO software server from time to time and transmit minute amounts of information regarding peers in their vicinity. The system "learns" as it goes, creating a best path hierarchy that enables an optimized data path. Clients automatically route around communication obstacles to avoid bottlenecks, and newly acquired clients are evaluated to further enhance speed.

The result is a robust network of chained clients, each receiving and distributing information to optimize efficiency and avoid "speed bumps." The volume of traffic on the WAN is insignificant, enabling quick data transfer between nodes as part of rapid query response. The economical size of the distributed packet along with the streamlined communication chain facilitates this querying efficiency.

## Learn More

For more information, contact your McAfee Sales Representative or visit www.mcafee.com/epo.