



Busting the Myth of the Malware “Silver Bullet”

The Security Snowball Effect

When it comes to endpoint security, it's easy to feel like you're constantly playing catch-up—and, too often, you are. As a new kind of malware attack strategy emerges, you deploy a new niche product to protect against it. Six months later, there's a new kind of threat, and a new niche product to defeat it. Six months after that, it happens again. And the cycle continues.

Consolidate and Coordinate Endpoint Security

The truth is, you don't need one “silver bullet” endpoint defense technology. You need multiple technologies, co-located and working together in an integrated, automated fashion. That way, even if a threat makes it past one stage of your defenses, it still learns from the encounter and can be stopped by a different defense technology that is now more informed about the threat before it even goes to work.

The new generation of McAfee anti-malware and endpoint security technologies offers a truly integrated and coordinated endpoint defense fabric—where each element works with the others to turn new information into action in real time. Capabilities within the McAfee defense fabric include:

- **Static and behavioral machine learning:** Use advanced machine learning techniques provided by McAfee® Real Protect to statistically compare suspicious files against known threats, without signatures.
- **Suspicious application containment:** Protect endpoints from previously unknown “zero-day” malware by using McAfee Dynamic Application Containment to block process actions that malware often uses.
- **Sandboxing Analysis:** Unmask the most advanced targeted malware by detonating suspicious files in a safe environment, McAfee Advanced Threat Defense, and performing fine-grained analysis on the entire code base.

Individually, each of these technologies provides important anti-malware capabilities. Together, they are part of a multistage defense system that stops most threats before they infect “patient zero” and then coordinates threat response in near real time, without manual intervention.

Don't Let the Security Snowball Become an Avalanche

Malware threats continue to evolve, and no single "silver bullet" solution can protect you against all of them. Juggling multiple solutions that operate in silos means more time, resources, and complexity for already strained security teams. It's time for a smarter approach.

Learn More

For more details on how McAfee Real Protect, Dynamic Application Containment, and Advanced Threat Defense work together, download the white paper "**Busting the Myth of the Malware Silver Bullet.**"

