

Executive Summary

Defender Lifecycle Model

Gigamon Defender Lifecycle Model Automates and Accelerates Threat Mitigation

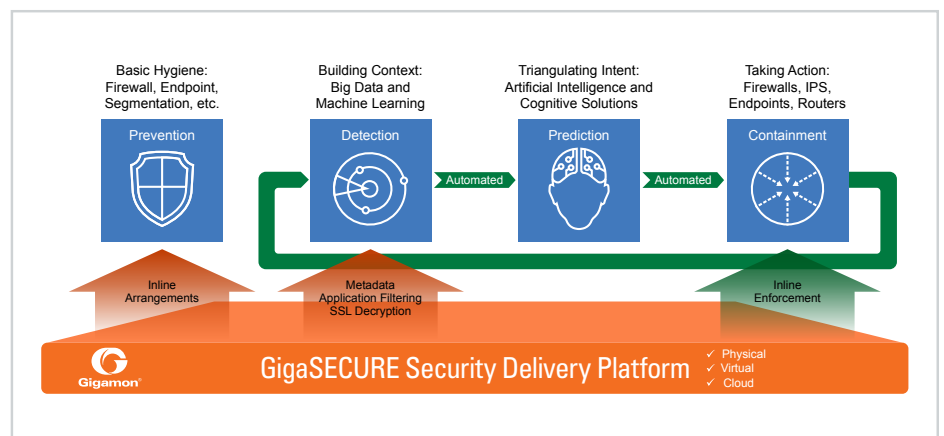
Gigamon introduces a new Defender Lifecycle Model to address the increasing speed, volume and polymorphic nature of network cyber threats. Focused on a foundational layer of pervasive visibility and four key pillars — prevention, detection, prediction, and containment — the new model integrates machine learning, artificial intelligence (AI) and security workflow automation to shift control and advantage away from the attacker and back to the defender.

Cybersecurity professionals today have come to terms with the inevitability of breaches, and cite two key factors:

1. The ever-increasing speed of data traversing networks leaves insufficient time for inspection and decision making on potential threats
2. The number of attackers and the ecosystem of resources available to break through standard defenses and propagate undetected across most infrastructures is growing daily.

The traditional security focus – instrumenting networks for prevention and concentrating resources on the rapidly diminishing perimeter – is increasingly ineffective in this environment. It is hampered by limited visibility, extraordinary costs and reliance on manual processes to address incidents. A new approach to network security is needed.

The Defender Lifecycle Model is based upon pervasive network visibility to automate and accelerate the identification and mitigation of threats.



Continuous network visibility is imperative for each of the four pillar functions to be effective and provide a collaborative, adaptive security posture. The GigaSECURE® Security Delivery Platform provides this necessary visibility by accessing all your network data-of-interest and exposing potential threats. GigaSECURE integrates with your existing security solutions through a published and open REST API to continuously identify, learn, adapt and respond to network threats quickly in support of the Defender Lifecycle Model.

With the GigaSECURE Security Delivery Platform as the foundation for this model, you can reclaim the advantage and shift control from the attacker back to the defender.

For more information on the Defender Lifecycle Model and GigaSECURE Security Delivery Platform visit:

www.gigamon.com/defender-lifecycle

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