

# Real-Time Threat Management

Minimizing the risk and impact of advanced and targeted threats

Advanced persistent threats, zero-day malware, and targeted attacks are designed to evade conventional perimeter and content security. These multi-phase attacks are alarmingly sophisticated, as illustrated in studies such as the yearly Verizon Data Breach Report. But even more striking is the duration of such attacks—typically lasting months from the onset of data loss to discovery and final containment. A profusion of recent breaches further underscores the pervasiveness of the problem and the cost of delay. Security analysts and experts now recommend a new proactive risk management strategy designed to rapidly and effectively defend against these attacks.

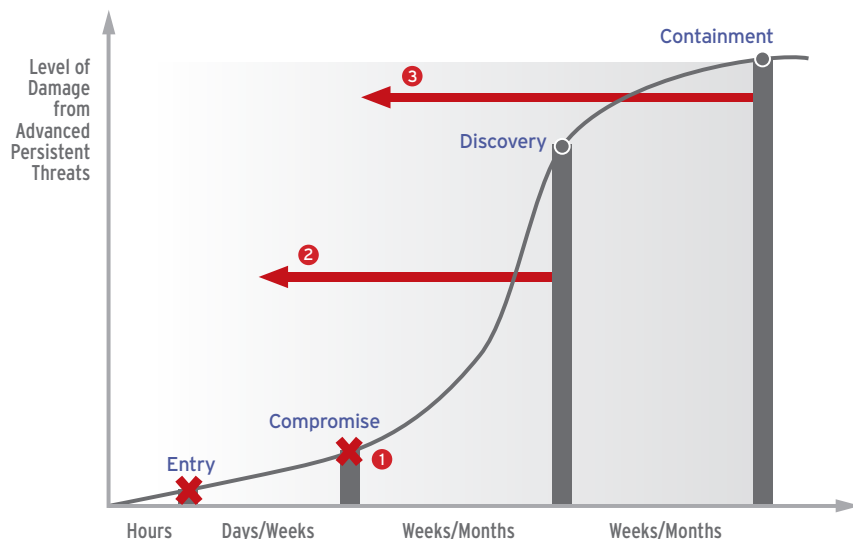
Trend Micro helps you counter advanced and targeted attacks with a real-time threat management strategy. These proactive solutions improve your security posture with automated incident detection, analysis, and remediation capabilities that are designed to minimize both your risk of initial attack and your risk of serious data breach. Trend Micro Real-Time Threat Management solutions give you the network-wide visibility and control, actionable threat intelligence, and timely vulnerability protection you need to minimize exposure to advanced threats.

## The Anatomy of Advanced Attacks

Today's advanced attacks use a multi-phase approach to successfully appropriate valuable data—gaining a point of entry, downloading additional malware, locating and compromising target systems, and uploading data. While an actual compromise can happen quickly, the time span from entry to initial compromise is more often days or weeks. And the time to actual discovery and full containment can be weeks to months. During this entire cycle your network is hosting an intelligent intruder whose purpose is to exfiltrate your valuable data.

Malware is the key active agent at work during the lifespan of the majority of these advanced attacks. The good news is that evasive malware can be detected—by identification at entry, by its network activity, and by its effect on endpoints and servers. Trend Micro Real-Time Threat Management solutions focus on discovering attacks in these three key areas to reduce the risk, impact, and duration of an attack.

## Managing Advanced Threats in Real Time



- 1 Stop threats earlier.** Trend Micro reduces the likelihood of intrusion by blocking threat exposure, vulnerability, and communication.
  - Reputation intelligence from Smart Protection Network™
  - Network-level analysis and visibility
  - Vulnerability scanning and virtual patching
- 2 Shorten the time to discovery.** If entry is successful, Trend Micro minimizes the risk and damage of actual compromise.
  - Network-level analysis and visibility
  - Intelligent threat and log analysis
  - HIPS, virtual patching, and integrity monitoring
- 3 Expedite containment.** Trend Micro helps identify, remediate, and protect both infiltrated and susceptible systems
  - Intelligent threat and log analysis
  - Automated remediation
  - Virtual patching



## Network-Wide Visibility & Control Actionable Threat Intelligence Timely Vulnerability Protection

- Detect, analyze and remediate advanced and targeted threats
- Monitor and optimize security posture
- Investigate incident events and contain their impact
- Manage software vulnerabilities and proactive virtual patching
- Augment security staff & expertise with Trend Micro Risk Management services

### Trend Micro Real-Time Threat Management

#### Automated Intrusion Detection and Remediation

Trend Micro™ Threat Management System provides the visibility, insight, and control you need to protect your company from advanced targeted attacks. This network analysis and visibility solution uses real-time threat detection and analysis engines to discover evasive intrusions and automate remediation.

#### Actionable Threat Intelligence

Using advanced visualization and data collection, Trend Micro™ Threat Intelligence Manager enables you to optimize your security posture by quickly identifying, analyzing and responding to enterprise threats. This centralized event and investigative solution is designed to provide complete management of security events and incidents.

#### Vulnerability Management

Automate your vulnerability management and policy compliance with a SaaS solution that provides network discovery, asset prioritization, vulnerability assessment, and remediation tracking. Trend Micro™ Vulnerability Management Services also allows security managers to audit, enforce and document compliance with IT policies and external regulations.

#### Dynamic Threat Analysis

Investigate suspected malware with detailed exploration, simulation, and full forensic analysis. Dynamic Threat Analysis System is a malware identification and analysis platform that uses sandboxing and other advanced methods to provide greater insight into suspected threats captured by the Threat Management System or submitted directly by a security specialist.

#### Virtual Patching

Shield vulnerabilities with advanced security and self defense for physical, virtual and cloud-based servers. With firewall, IPS, integrity management, antivirus, and log management capabilities, Trend Micro™ Deep Security delivers in-depth protection as well as virtual patching to rapidly shield your systems from exploitation.

#### Dedicated Expertise and Services

Trend Micro Threat Researchers and Service Specialists augment your security staff and expertise with a complete portfolio of proactive monitoring, remediation and strategic consulting services designed to further reduce your risk exposure and security management costs.

#### TREND MICRO SOLUTIONS

##### Threat Visibility and Control

- [Threat Management System](#)

##### Actionable Threat Intelligence

- [Threat Intelligence Manager](#)

##### Malware Simulation and Analysis

- [Dynamic Threat Analysis System](#)

##### Virtual Patching

- [Deep Security 7.5](#)

##### Vulnerability Management

- [Vulnerability Management Services](#)

##### Dedicated Expertise and Services

- [Risk Management Services](#)

