

Enterprise Security

SOLUTIONS OVERVIEW

Constant IT change is the new normal for organizations and businesses; changes that are empowering us with better and more efficient use of their most important asset – information. However, three important trends in today's evolving IT landscape are also creating some of the most pressing challenges for enterprises:



Cloud and Virtualization: The growing use of cloud-based, multi-cloud, containers and virtualized computing drives dramatic efficiency and operational gains. But how do you evolve security strategies to fit these environments to ensure performance is not sacrificed and security gaps are not created?



Complex Networks: The enterprise boundary is gone, with networks extending far beyond the traditional LANs and WANs. Wi-Fi, remote access, branch offices, and the cloud are giving enterprises more flexibility and productivity. Today there are more points to protect than ever, so how do you evolve your network security to go beyond perimeter defenses and also detect lateral movement within networks?



Consumerization: The explosion of endpoints, the internet of things (IoT) and the industrial internet of things (IIoT) are boosting productivity—giving flexibility and mobility to users like never before, but with the introduction of multiple devices and cloud-based applications such as Dropbox™ and Gmail® at work, how do you rethink traditional defenses?

As technology changes, security technology has to evolve to keep up with threats. New environments require new ways of thinking about security to ensure there are no vulnerabilities and that performance is not compromised. Threat actors constantly look for ways to penetrate these new environments, while creating more sophisticated threats.

The Sophistication of Cyber Threats

In the early days, the threat landscape was black and white—requiring the ability to quickly and efficiently determine the known good and known bad. Classic techniques like anti-malware and content filtering were sufficient to detect and block known bad files, URLs, and spam. These highly efficient techniques remain critical for eliminating the high volume of known bad threats still active today. Since there is an increase in stealthier and more sophisticated unknown threats, the 'grey' areas like targeted attacks, zero-day exploits, ransomware, and business email compromise (BEC), require more advanced threat defense techniques.

While some "next gen" offerings rely solely on one technique like behavioral analysis or machine learning, we believe that when it comes to defending your organization against the full range of known and unknown threats, there is no silver bullet. Your enterprise needs trusted solutions that can help solve multiple concerns.

Trend Micro XGen™ security

Trend Micro solutions are powered by XGen™ security, delivering a cross-generational blend of threat defense techniques, a connected threat defense, and multi-layered detection and response to protect your organization from unseen threats

XGen™ security is:

- **Smart:** Protects against the full range of known and unknown threats using a cross-generational blend of threat defense techniques—including detection and response across email, endpoint, server, cloud workloads, and network—that applies the right technique at the right time, and is powered by global threat intelligence
- **Optimized:** Delivers security solutions to protect users, networks, and hybrid cloud environments—all designed specifically for, and tightly integrated with, leading platforms and applications, like VMware®, Amazon Web Services® (AWS), Microsoft® Azure™, Google Cloud™, Microsoft® Office 365®, and more
- **Connected:** Full visibility across email, endpoints, servers, cloud workloads, and networks streamlines detection, investigation, and response while speeding time to protection with automatic sharing of threat intelligence across security layers

XGen™ security uses proven techniques to quickly identify known good or bad data, freeing advanced techniques to more quickly and accurately identify unknown threats. This core set of techniques powers each of the Trend Micro solutions, in ways that are optimized for each.

Maximum Security with
Minimum Impact



Trend Micro offers a truly smart, optimized, and connected threat defense—all powered by XGen™ security. A cross-generational blend of threat defense techniques protects against the ever-changing threat landscape, providing maximum security with minimum impact



HYBRID CLOUD SECURITY

The Hybrid Cloud Security solution, powered by Trend Micro™ Deep Security™, provides adaptive protection for workloads and applications across physical, virtual, cloud, and container environments. With this comprehensive solution, data center operators and architects can control operating costs while improving performance with security optimized for VMware virtual environments. Our elastic security enables the full benefit of the cloud's agility and cost savings on the leading cloud service providers' platforms, including AWS, Azure, and Google, and allows cloud architects to meet shared security requirements.

- Deep Security, available as software, as a service, or through the AWS marketplace, provides comprehensive server and virtual desktop (VDI) protection for physical, virtual, cloud, and hybrid deployments, centrally managed through an intuitive dashboard. With a single agent, Deep Security includes malware prevention (anti-malware, behavioral analysis, machine learning, and web reputation), network security (Intrusion Prevention, firewall, vulnerability analysis), and system security (application control, integrity monitoring, and log inspection).

- Deep Security™ Smart Check delivers automated build-time and registry image scanning with detection for malware, vulnerabilities, secrets, and policy compliance. This is designed to secure images earlier in the CI/CD pipeline without negatively impacting the ability for DevOps teams to continuously deliver production-ready applications and meet the needs of the business.

Deep Security as a Service is a cloud-hosted solution that is designed to rapidly secure workloads in the data center, in the cloud, and in containers, without the need to setup and maintain a security infrastructure.



NETWORK DEFENSE

The Trend Micro Network Defense Solution is a family of security products that enable you to rapidly detect, analyze, and respond to targeted attacks and advanced threats.

- **Trend Micro™ TippingPoint™** is a proven wire-speed Next-Generation Intrusion Prevention System that proactively detects and prevents vulnerability attacks, network exploits, and delivers identity and application awareness to enable contextual visibility and enforcement.

Integrated network-wide breach detection identifies targeted attacks and advanced threats, including proactive threat prevention.

- **Trend Micro™ Deep Discovery™** is an advanced threat protection platform that enables you to detect, analyze, and respond to stealthy, targeted attacks. It uses specialized detection engines, custom sandboxing and global threat intelligence from the Trend Micro™ Smart Protection Network™ to defend against attacks that are invisible to standard security products. Deep Discovery uniquely detects and identifies evasive threats in real time, then provides the in-depth analysis and relevant actionable intelligence that will protect your organization from attack.

ANALYSTS, CUSTOMERS, AND TEST LABS AGREE: TREND MICRO LEADS IN ENTERPRISE SECURITY

Hybrid Cloud Security



Trend Micro is the market leader in server security since 2009

IDC, Securing the Server Compute Evolution: Hybrid Cloud Has Transformed the Datacenter, January 2017 #US41867116

Network Defense



NSS Labs, Breach Detection Systems Test Report 2018 - Trend Micro Deep Discovery Inspector

"The best working technology is the one that's most transparent to users. Deep Discovery has been remarkably robust, even while handling a huge volume of traffic."

David Shipley, Head of Technology Management, University of New Brunswick

TippingPoint



USER PROTECTION

Our interconnected suite of security protects your users no matter where they are or what they are doing. Core to the suites is endpoint security that infuses high-fidelity machine learning into a blend of threat protection techniques with a single agent to eliminate security gaps across any user activity. With available XDR (detection and response) capabilities that extend beyond the endpoint, you have the ability to better protect your organization from threats.

- **Trend Micro™ Smart Protection Complete** is a software suite that delivers the best protection at multiple layers, supports flexible on-premises, cloud and hybrid deployment models, and lets you manage users across multiple threat vectors from a single pane of glass with a complete view of your security. Includes endpoint security, mobile security, secure web gateway, email and collaboration security, integrated data loss prevention, and centralized management.
- **Trend Micro™ Smart Protection for Endpoints** is a software suite that protects virtual and physical desktops with multiple layers of threat and data security across devices and applications. Features cloud flexibility and user-centric visibility supported by a full range of endpoint security, integrated data loss prevention, and centralized management.

CENTRALIZED VISIBILITY AND INVESTIGATION

Simplify administration, improve security intelligence, and lower security management costs with an integrated, connected set of security solutions.

- **Trend Micro™ XDR** delivers detection, investigation, and response across multiple security layers; email, endpoint, servers, cloud workloads, and network via a single platform or managed service. Offering complete visibility and expert security analytics, XDR goes beyond the capabilities of endpoint detection and response (EDR), giving organizations a single console with one source of prioritized, optimized alerts supported with guided investigation that simplifies getting to a full understanding of the attack path and impact on the organization.

CONNECTED SOLUTIONS FOR A CONNECTED THREAT DEFENSE

Trend Micro Connected Threat Defense is a layered approach to security that gives you a better way to quickly protect, detect, and respond to new threats that are targeting you, while improving your visibility across your organization at the same time. The Trend Micro™ Smart Protection Network™ leverages global threat intelligence against zero-hour threats to ensure that you are always protected. Using up-to-the-second threat intelligence, SPN is designed to immediately stamp out attacks before they can harm you. Combined with XGen™ security, powering all of our products and services, millions of businesses and users around the globe are protected each year.

Connected Threat Defense: Better, Faster Protection



User Protection

Gartner®

Gartner has positioned Trend Micro as a Leader in the Magic Quadrant for Endpoint Protection Platforms consistently since 2002, including August 2019

Gartner "Magic Quadrant for Endpoint Protection Platforms," by Peter Firstbrook, Lawrence Pingree, Dionisio Zumerle, Prateek Bhajanka, Paul Webber, August 2019

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FORRESTER®



Trend Micro is named a leader in The Forrester Wave™: Endpoint Security Suites, Q3 2019

"In the last few years, we've really moved the needle on security. Trend Micro increases our competence and lets our customers see us as a trusted partner."

William Crank, Chief Information Security Officer, Medhost

SUPPORT SERVICES

Trend Micro provides a wide assortment of support services to help ensure that you get the most value from your security investment. Two levels of technical support are available.

- **Standard Support** includes all regular product updates and upgrades, along with highly responsive, expert telephone support during regular business hours, and 24/7 telephone support for critical issues.
- **Premium Support** provides you with a named customer service manager who will be your on-going contact to assist you with urgent issues and provide expert guidance designed to elevate your security posture.

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Securing Your Connected World

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