Intelligence-driven security
STOPS CYBER ATTACKS
BEFORE THEY STOP YOU.
Prepare, recognize, and respond to today’s attacks earlier with Verizon Security Solutions.
BETTER INTELLIGENCE. BETTER DEFENSE.

The threat landscape is always evolving. Is your security plan changing with it?

Data has changed the way you do business. Innovations in mobility, cloud, and machine-to-machine (M2M) technology have allowed you to grow faster, open new markets, and compete across the globe. But they’ve also created a host of new security concerns—changing the nature of the threats your organization faces, and how you protect against them.

Today’s attacks happen faster and more often than ever. Every second, thousands of breaches are attempted—and successful ones take just minutes to move from intrusion to compromise. Unfortunately, most organizations simply can’t keep up. As a result, the gap continues to widen between attackers and those trying to protect against them—with breaches often going undiscovered for weeks, months, or even years.

But Verizon Security Solutions can help you close the gap—spotting and intercepting attacks quickly, before they have a chance to impact your organization. Our experts actively investigate suspicious attack activity from across the globe, often discovering the newest threats before they can discover your data.

Fact Versus Fiction
While basic attack patterns—like misuse of privileges or stolen credentials—rarely make the headlines, they play a major role in most security incidents.
VERIZON SECURITY SOLUTIONS

Gleaning new insights from intelligence

In the war on cybercrime, intelligence is your greatest ally—and your attackers’ worst enemy. Unfortunately, even the most security-centric companies lack the tools or resources to analyze data on the scale necessary to keep their organization protected from all angles.

Verizon is uniquely positioned to monitor attack trends and patterns across our vast network backbone. We combine this information with log data from security devices around the world to create a more proactive, ongoing defense plan. Our security experts look at data differently, transforming often-overlooked or obscure information into valuable, actionable intelligence to hunt down and protect against even the most sophisticated or little-known attacks.

A MORE INTELLIGENT APPROACH TO PROTECTION

Our solutions focus on understanding threat and attack patterns from multiple global sources—and integrating that insight into policies, protocols, and controls.
A THREE-PART STRATEGY FOR INTELLIGENCE-DRIVEN SECURITY

Your organization doesn’t operate in a vacuum. Every day, you interact with a growing network of customers and partners on a global level. Advancing technologies—like cloud, machine to machine, and mobility—are making those interactions easier. But securing the networks they rely on is more difficult than ever.

We provide holistic protection against today’s primary security issue: cyber attacks on digital networks and corporate assets. Our intelligence-driven security helps customers prepare for attacks, recognize breaches in progress, and respond quickly and accordingly.

**PREPARE**
Reduce your attack surface with good security hygiene.

**RECOGNIZE**
Stop attacks early by breaking the attack chain.

**RESPOND**
Mitigate the impact of an attack quickly and effectively.
THE NINE SECURITY TRENDS IMPACTING YOUR ORGANIZATION

- POINT-OF-SALE INTRUSIONS
- DENIAL-OF-SERVICE ATTACKS
- CYBER ESPIONAGE
- CRIMEWARE
- WEB APPLICATION ATTACKS
- INSIDER MISUSE
- MISCELLANEOUS ERRORS
- PHYSICAL THEFT/LOSS
- CARD SKIMMERS

While those overarching trends have remained consistent, their dynamics are constantly changing. Understanding these ebbs and flows—which threats are most prevalent and when—is critical to the defense of your organization.

*Source: Verizon 2014 Data Breach Investigations Report

92% of the 100,000 security incidents studied from the past ten years can be described by just nine basic patterns.*
A Diversity of Data Theft
Attackers’ motivations and goals are more varied than ever. In fact, last year, for the first time since the initial publication of the Data Breach Investigations Report (DBIR), the majority of breaches did not involve payment cards.

ASSET AND EXPOSURE MANAGEMENT
Having implemented one of the world’s largest data-loss prevention projects—securing more than 400,000 seats—we know what it takes to keep your information safe, in the office and around the world.

With the exponential growth in mobile, cloud, and M2M technologies, your attack surface is wider than ever. Understanding your vulnerabilities across these various channels—both new and existing—can turn those weaknesses into your best defense. Our combination of data discovery and protection, detailed vulnerability and application scanning, mobile and M2M security, and a vast range of professional services can help.

VULNERABILITY MANAGEMENT. Understand where vulnerabilities and security holes exist across devices, applications, and networks.

APPLICATION SECURITY AND VULNERABILITY MANAGEMENT PROFESSIONAL SERVICES. Improve application security on the web and in other business processes.

DATA SECURITY PROFESSIONAL SERVICES. Know where your sensitive information is located, how important it is for your organization, and how to avoid data leakage.

MOBILE SECURITY PROFESSIONAL SERVICES. Implement security strategies for mobile devices and applications.

M2M SECURITY PROFESSIONAL SERVICES. Design and implement solutions to help decrease risks to connected machines.
SECURITY MONITORING AND ANALYTICS

Our seven global security operations centers help to destroy threats before they destroy your data.

Attacks are more sophisticated, happen faster, and are often financially motivated. They’re also harder to trace, with methods changing every day, every hour, and every second. To keep your organization out of harm’s way, you need to constantly monitor and analyze—working to stop attacks before they create havoc or extract sensitive information. We help you defend your business earlier and more effectively, by leveraging a number of intelligence-driven services to seek out known threats and actively track new forms of attacks.

MANAGED SECURITY SERVICES—MONITORING AND ANALYTICS.
Discover the risks facing your organization by monitoring and analyzing indicators of compromise in netflow traffic and security logs, and by hunting down unknown threats.

SOC SERVICES. Get the most from the tools you rely on to monitor, analyze, and manage on-premises security information and events.
Our suite of cyber security solutions is underpinned by unrivaled risk intelligence—gained from tracking more than 500 million security events each year and on-demand access to proprietary network data. The Verizon Cyber Intelligence Center is where our experts turn that critical information into intelligence.

The Cyber Intelligence Center pairs specialized security analysts with state-of-the-art data collection and monitoring tools—all to deliver security solutions that help you more effectively prepare, recognize, and respond to attacks, and address security compliance requirements.
INCIDENT RESPONSE AND FORENSICS

Our intelligence is backed by research from 100,000 incidents and almost 4,000 investigated breaches—all to help you better prepare for threats.

Despite your best efforts, your organization’s security plan may be undermined. Acting fast is crucial, but move too quickly without the right information and you risk making costly mistakes. Our Incident Response and Forensics team uses digital forensics, malware analysis, and other investigative solutions to determine the root cause of your interruption and work to prevent it from occurring again.

INVESTIGATIVE RESPONSE. Get quick response in the event of a data breach, helping to reduce the impact. Includes Industrial Control Systems (ICS).

INCIDENT ANALYTICS AND FORENSICS. Use computer forensics to discover evidence of security breach, data compromise, and at-risk data through analysis of complex systems.

eDISCOVERY SERVICES. Obtain litigation support so you can effectively manage the technical aspects of any legal matters you might encounter.

74% of financially motivated web app attacks were discovered by customers. Only 9% were discovered by victim organizations.*

*Source: Verizon 2014 Data Breach Investigations Report
SECURITY ENFORCEMENT AND PROTECTION

Analyst firm Gartner positioned Verizon in the Leaders Quadrant of its 2014 Magic Quadrant for Global Managed Security Service Providers (MSSPs).*

More proactive protection isn’t just about anticipating attacks. It means understanding how those threats can impact your business—and creating a security plan specific to your needs. Our Security Enforcement and Protection services help you prepare for, recognize, and respond to threats in a manner that’s effective for your organization.

SECURITY GATEWAY. Strengthen your network while enabling secure access to systems and apps for employees and partners.

MANAGED SECURITY SERVICES—ENFORCEMENT AND PROTECTION. Improve insight into risks and lessen the impact of breaches with cloud and premises-based infrastructure management and protection.

DOS PROTECTION. Detect and divert potentially malicious traffic away from your network.

THREAT MANAGEMENT PROFESSIONAL SERVICES. Get expert assistance to detect threats and implement ideal solutions.

SECURITY ENFORCEMENT AND PROTECTION PROGRAM. Develop a proactive method to manage and control threats.

38% of all incidents in 2013 involved compromised web applications—either by exploiting a weakness in the application or by using stolen credentials.**

*Source: Gartner, “Magic Quadrant For Global MSSPs,” by Kelly Kavanagh, February 26, 2014
Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings. Gartner research publications consist of the opinions of Gartner’s research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

**Source: Verizon 2014 Data Breach Investigations Report
IDENTITY AND ACCESS MANAGEMENT

Verizon manages digital identities in more than 50 countries. Our experts can help secure your data, allowing access only to legitimate users when and where they need it.

With the rise of cloud computing and the mobile workforce, your employees can go anywhere—and your data needs to do the same. But by opening access to your information, you’re also opening the doors to a hacker’s favorite activity: identity theft.

Our Identity and Access Management (IAM) team will work with your organization to manage identities and credentials across physical, mobile, and cloud environments, providing secure access to resources regardless of location or device.

USER IDENTITY AND STRONG AUTHENTICATION. Help reduce risk by providing only the right people with access to your systems, applications, and sensitive data.

MANAGED CERTIFICATE SERVICES. Better protect machines, facilities, networks, and systems with a variety of authentication methods.

PUBLIC TRUST. Secure web-enabled business applications with digital certificates.

PREMISES-BASED PKI SOFTWARE. Establish a trusted environment for electronic communications and transactions.

IDENTITY AND ACCESS MANAGEMENT PROFESSIONAL SERVICES. Collaborate with our experts to create a comprehensive IAM strategy, from planning and design through implementation.

A Case of Stolen Identity
Representing almost 15% of the top 20 threat varieties, stolen credentials were the biggest threat facing your organization last year.
RISK AND COMPLIANCE MANAGEMENT

Our more than 140 PCI Qualified Security Assessors (QSAs) work hard to keep security programs like yours ahead of threats.

Establishing and—more importantly—efficiently maintaining compliance with government-sponsored or industry-specific regulations is a key business goal for many organizations. Our suite of Risk and Compliance Management solutions provide ongoing programs and consulting services designed to reduce your risk and help keep your systems secure. We can help you make your security standards and policies future-ready—and for those that need it, address specific industry-mandated guidelines and security compliance requirements.

SECURITY MANAGEMENT PROGRAM. Identify and mitigate risks by implementing an optimal security strategy.

RISK AND COMPLIANCE PROFESSIONAL SERVICES. Assess risks and address government regulations and industry best practices.

PCI COMPLIANCE PROFESSIONAL SERVICES. Achieve and maintain compliance with the Payment Card Industry Data Security Standard.
SUPERIOR INTELLIGENCE IS ALL IN HOW YOU USE IT

In the world of threat protection, information alone won’t keep you safe. It’s how we aggregate, enrich, and apply that data that truly sets Verizon’s attack and breach intelligence apart.

STRATEGIC INTELLIGENCE analyzes and interprets attack tactics and methods.

TACTICAL INTELLIGENCE discovers specific indicators of compromise.

APPLIED INTELLIGENCE transforms global trends into more secure technology.

For more than 15 years, our approach to security has helped protect many of the world’s largest organizations, allowing businesses to grow with the latest technology while reducing risk. Our seven state-of-the-art Security Operations Centers process tens of millions of security events every day, keeping tabs on all the latest attacks, trends, and patterns—and leveraging that valuable insight to help you make the best security decisions for your organization.

Learn how Verizon is providing you with real solutions to solve your business challenges. Visit verizonenterprise.com/security

© 2014 Verizon. All Rights Reserved. The Verizon name and logo and all other names, logos, and slogans identifying Verizon’s products and services are trademarks and service marks or registered trademarks and service marks of Verizon Trademark Services LLC or its affiliates in the United States and/or other countries. All other trademarks and service marks are the property of their respective owners. MB15538 05/14