



Building trust with your online customers.

WEB SECURITY

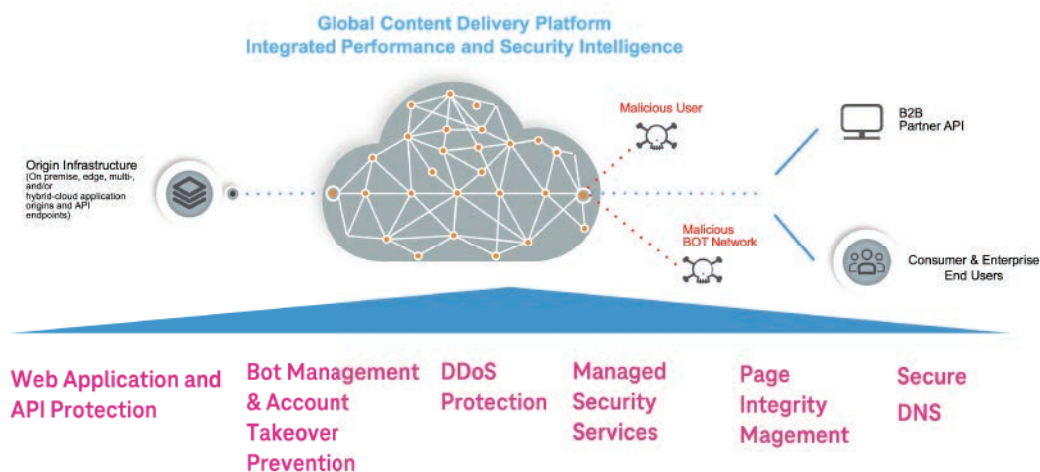
**The product suite that ensures your
customer data is always available
and secure.**



Web Security

Web-based businesses are facing an ever-increasing risk of online attacks to their websites, APIs or web and mobile applications. The main threats to their online presence range from a website's general availability and integrity, to malware injection, data theft, online fraud and entire account takeovers. An intelligent combination of specialized security services is needed to cope with these growing security risks, each countering a specific threat. But even more important is the speed with which these services are delivered: near-instant updates of the available defend mechanisms to counter the constantly changing attacks determine how effectively they protect.

We offer the most comprehensive suite of threat intelligence services in the market. Our leading position in global internet traffic and content delivery allows us to deliver a thorough insight into the threat landscape and near real-time protection, keeping your online business secure.



Benefits to your business

MAXIMIZE SECURITY WITH LESS EFFORTS

Maximize your security investment with a solution suite that includes web application and API protections, bot visibility and mitigation, DDoS protection, SIEM connectors, web optimization, edge compute, API acceleration, and more.

REDUCE YOUR ATTACK SURFACE

Web APPs and especially APIs have become a dominant mechanism in the modern web that enable powerful web experiences, but could also expose back-end data and logic. Protect all your websites, applications, and APIs from a broad range of threats, including volumetric DDoS, automated botnets, malware injection and API-based attacks, among others.

REDUCE FINANCIAL RISKS

Reduce your financial risks by protecting against business downtime, data theft and manipulation, credential abuse, account takeover and other forms of web fraud.



Our Key Web Security Solutions

WEB APPLICATION & API PROTECTION

In today's connected world, securing digital properties amid cloud journeys, modern DevOps practices, as well as constantly changing applications and APIs introduces new complexities and challenges. The deployment of a holistic web application and API protection solution can strengthen your information security strategy and provide insight into emerging risks to better target security gaps. Our Web Application & API Protection solution is designed to guard entire web and API estates with a holistic set of powerful, purpose-built tools.

Single Solution

We bring together many industry-leading core technologies in web application firewall such as bot mitigation, API security, and DDoS protection under a single product offering.

Automation

Powered by a new adaptive security engine, our solution features the most advanced security automation available today. Equipped with self-tuning capabilities it is designed to reduce operational friction and administrative overhead.

Advanced API Protection

Automatically discover a full range of known, unknown, and changing APIs across your web traffic, including their endpoints, definitions, and traffic profiles. All API requests are automatically inspected for malicious code whether you choose to register them or not, providing strong API security by default.

Elementary Bot Visibility & Mitigation

Monitor and mitigate bot attacks with integrated bot capabilities designed to detect and stop unwanted bots. As your needs grow, you can easily upgrade to a full featured bot management or account takeover protection solution with just a few steps.

DevOps Integration

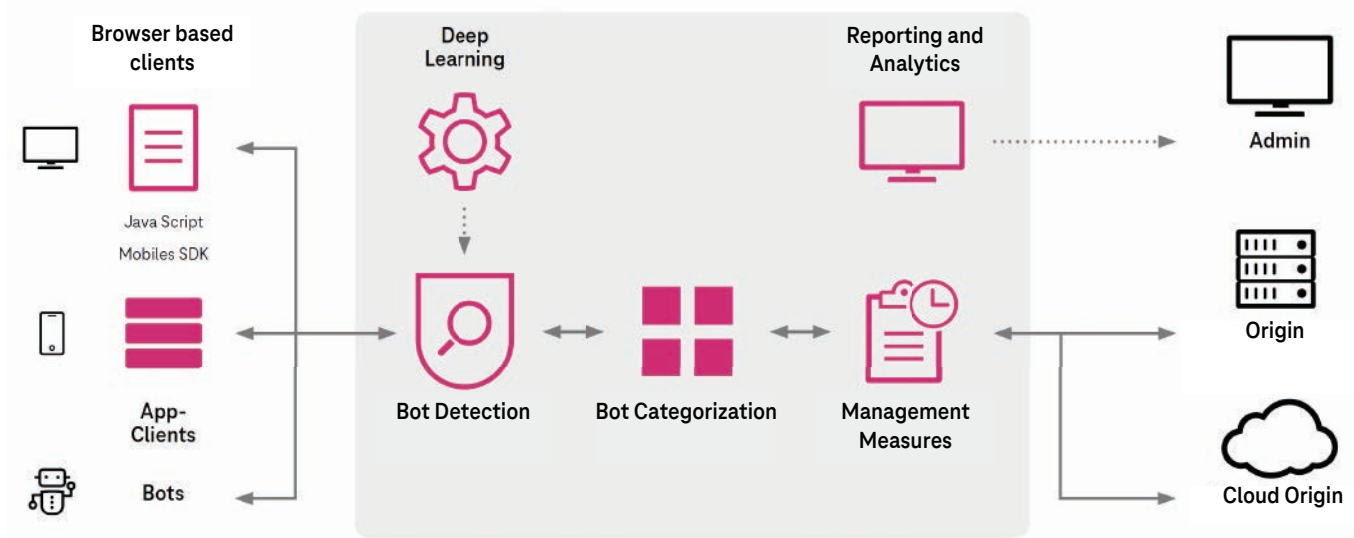
APIs provide the ability to manage App & API Protector via code enabling and rapid onboarding, amongst others. They are also available in the form of a wrapper with an CLI package or Terraform and improve the collaboration between DevOps and security teams to ensure security always keeps pace with today's rapid development.

EXTENSIVE BOT MANAGEMENT & ACCOUNT TAKEOVER PREVENTION

Our **extensive Bot Management solution** provides your business with a flexible framework to better manage the wide array of automated bot traffic interacting with your website, including both good and bad bots. It offers the abilities to identify bots as they first arrive, categorize different types of bots, and apply the most appropriate management policy for each category. This allows greater control over how each organization interacts with different types of bots, maximizing business benefits while minimizing any negative business or IT impacts.

With **Account Takeover Prevention** you will recognize authentic users, allowing seamless customer journeys for trusted users and blocking imposters. The solution detects and mitigates inauthentic user behavior that can lead to account takeover and other business logic abuse. It allows organizations to trust recognized users based on detecting good behaviors and trust signals and to detect inauthentic users based on behavior changes from previous interactions and other risk signals

- 🚫 Competitive advantage:** Retain control over customer relationships by preventing price and content scraping.
- 🛡️ Reduced financial risk:** Protect yourself against credential abuse, card balance checking, account takeover and other forms of web fraud.
- 💰 Lower costs:** Slow the growth of your web infrastructure and reduce the IT overhead required to manage bots yourself and to setup account takeover financial damages.
- 👥 Improved user experience:** Reduce the impact of bots on the web infrastructure during regular business hours.
- ✂️ Minimize Account Restoration:** Reduce the costs and resources you spend investigating compromised accounts, replacing stolen assets, wiping existing accounts of affected customers, notifying authorities if necessary, and handling user complaints.





Complementary Products and Services

DISTRIBUTED DENIAL-OF-SERVICE (DDoS) PROTECTION

DDoS attacks are not only increasing in size, but also in frequency, duration and complexity. They put the core of your online business at risk: the ability to connect with your customers. Based on our large cloud delivery platform, we ensure that your online presence will resist against the largest DDoS attack in scale or complexity.

MANAGED SECURITY SERVICE

Protect your business 24/7 with our Managed Security Service, a comprehensive one-stop service that continues to innovate with timely and contextual security intelligence. It provides proactive monitoring, ongoing maintenance, incident response and advisory reporting for security service offerings.

PAGE INTEGRITY MANAGER

Detect attackers trying to steal data via first- or third-party scripts that you use on your site. Page Integrity Manager identifies suspicious and malicious script behaviors, and lets you take action to protect your site and visitors.

EDGE DNS SECURITY

Count on Edge DNS to provide your business with a secure, high-performance, scalable, and highly available edge service for authoritative DNS. Edge DNS is based on the global deployment of thousands of name servers across multiple networks and has the scale to absorb the largest DDoS attacks targeting the DNS infrastructure.

Web Security Services are part of Deutsche Telekom Global Carrier's Content Delivery Network (CDN) Service Suite. Here is a brief overview of the various CDN services we can offer you:

Content Delivery Network (CDN) – speed, availability and security for your online business

Whether you need fast loading times for your websites, top streaming quality for your video content, or maximum security on the internet, our intelligent CDN solution suite sets your online business apart from the competition. Use the benefits of our global CDN infrastructure and innovative solutions to your advantage and build trust with your online customers.

- Our **Web Performance Product Suite** delivers fast, reliable and cost-effective online experiences for your customers. The suite's faster performance helps you become more agile, maximize audience engagement and improve your business results. It also mitigates the high cost of managing infrastructure challenges across the internet.
- Our **Media Delivery Service** delivers instant, uninterrupted access to video on any device, anywhere. The service is optimized for adaptive bitrate (ABR) streaming and provides a high-quality viewing experience across the broad variety of network types — fixed or mobile — at varying connection speeds.
- Our **Web Security Product Suite** keeps your business a step ahead of online attacks and attackers by ensuring that your customer data is always available and secure. The suite helps you face the ever-growing and widening range of threats, circumvent the industry-wide shortages of security talent and manage through business dynamics such as cloud migration.

Get it Right!

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