Web Security Problem Solved

Comodo Dome
Cloud Delivered Secure Web Platform

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Web Security With a Difference

Traditional web content security has almost always been built on a default allow architecture combined with black listed files and signature-based detection, but with new malware variants being created at over a half million a day, this approach has quickly become untenable and alarmingly ineffective. Any solution that relies on "patient-zero" infections to subsequently generate and eventually distribute signatures, all but guarantees that new unknown files will lead to new infections. This is the fundamental flaw in today's web security landscape.

Comodo Dome radically shifts protection from the standard default-allow to our unique Default Deny Platform still allowing uninterrupted business productivity while protecting your users from advanced targeted attacks. Comodo's patent-pending containment combined with Valkyrie, our cloud-based platform, renders verdicts within 30 seconds, affording Comodo Dome customers automatic protection from any and all new and unknown payloads without the need to rely on signatures or outdated file-type blocking.

Protect your network from all known-bad files, all unknown (potentially Zero Day) files and never get infected again!

Complete Your Security Layers

Sophisticated and highly customized attacks are becoming the norm, not the exception and are being aimed directly at inadequately protected end points inside – and more importantly – outside the corporate network where protection levels are almost uniformly lower.

Adding Comodo Dome between your existing infrastructure and the internet couldn't be easier — simply make Dome your next hop to the Internet. As a cloud-based solution, there's no hardware appliances or headaches, and in minutes you'll have added the bulletproof layer of security and compliance that you've been missing.

> "Comodo Dome, with revolutionary portable containment technology, ensures 100% protection from even unrecognized emerging threats."
>
> - Zach Forsyth
> Product Line Manager, Comodo

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Solution

Comodo Dome is a revolutionary Cloud Delivered Secure Web Platform that is delivered as a Security as a-Service (SaaS) solution that provides fully comprehensive web content security and control, regardless of user, device or location, and scans all inbound and outbound traffic in real time to ensure protection from the latest threats as well as strict compliance with corporate policies.

Rethink Your Security and Network Architecture

The Comodo Dome Cloud Security Platform is totally modular and acts as a highly advanced series of security check posts encompassing Advanced Threat Protection, Web Security, portable containment, Sandboxing, Antispam, DLP, Next Generation Firewall, and Bandwidth management. Simply choose the modules you require today, and seamlessly add new ones in the future.
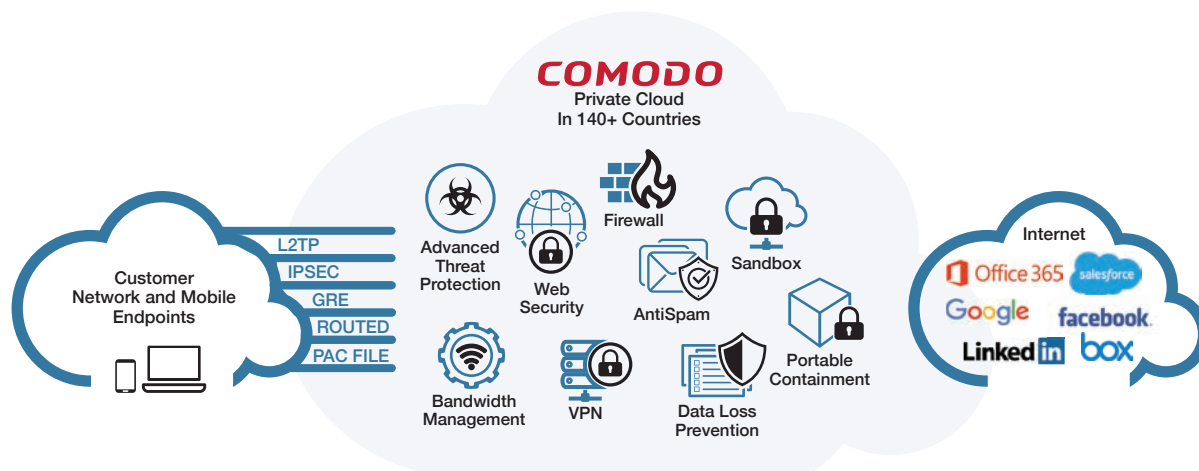
Comodo Dome protection nodes are available in more than 140 countries around the world – so that you can effortlessly secure all of your users, offices, stores, and even the smallest remote locations, all without the overhead of physical appliances. At the same time, you can also massively reduce or even totally eliminate MPLS and private network costs while slashing your hardware footprint.

Advanced Protection in The Cloud Era

There is an enormous migration underway. With storage, business applications and services all moving to the cloud, the traditional approach of installing a large centralized web security gateway device and then backhauling all of your traffic from remote offices, devices and users has quickly become exceptionally cumbersome if not obsolete. It makes far more sense to forward traffic to a centralized cloud platform that can provide protection regardless of network origin and destination.

Comodo Advanced Containment

Sandboxing is becoming a commonplace security strategy, but it typically hinders business productivity by isolating unknown and suspect files in a state where they cannot be used until after a thorough analysis is complete. Comodo's unique containment technology is radically different. While Valkyrie analyzes unknown files, users are free to open, execute and use the files with ZERO risk of infection. Comodo's containment technology is agentless, extremely lightweight, has no CPU dependencies and is application-agnostic.

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Valkyrie Cloud-Based File Verdict Platform

Valkyrie has the fastest file verdict capabilities in the industry and utilizes a combination of static, dynamic and advanced behavioral analysis to inspect files as they're being downloaded. It quickly renders risk verdicts for any file - normally within 40 seconds – five times faster than our closest competitor. The most dangerous files are classed as unknown and are immediately placed into a contained state before being delivered to the end user. At the same time, the file is undergoing an even more extensive analysis, including examination by human experts at Comodo's Advanced Threat Research Labs. When a final verdict arrives, the file is either released from containment or deleted and blocked (blacklisted).

| Unified dashboard for malicious files, domains and urls. | Easily customizable dashboards. | Advanced Threats Analytics. |

Comodo's Default Deny Platform is one of the essential keys to effective web security as it allows known-good applications, while denying known-bad and containing any unknown files until a verdict is reached. In the meantime, users can remain productive by running unknown files safely and securely within a portable container that doesn't require any new infrastructure, software or agent installations.

As the #1 certificate authority brand in the world, Comodo is uniquely positioned to identify known-good software publishers and applications for auto-whitelisting; while our installed base of over 85 million users provides the Comodo Threat Research Labs (CTRL) with one of the largest caches of known-bad files (blacklists) anywhere in the world.

Web Security Problem: Solved.

Even an advanced web or email content filter with more than 100,000 security updates a day is still going to be hopelessly outmatched against customized malware variants. Unknown malicious files will still be allowed carte blanche access to sensitive environments in even the best default allow ecosystems. Our modular Dome Cloud Security Platform with unknown file containment and rapid verdict rendering simply makes more sense.

About Comodo

The Comodo organization is a global innovator and developer of cybersecurity solutions, founded on the belief that every single digital transaction deserves and requires a unique layer of trust and security. Building on its deep history in SSL certificates, antivirus and endpoint security leadership, and true containment technology, individuals and enterprises rely on Comodo's proven solutions to authenticate, validate and secure their most critical information. With data protection covering endpoint, network and mobile security, plus identity and access management, Comodo's proprietary technologies help solve the malware and cyber-attack challenges of today. Securing online transactions for thousands of businesses, and with more than 85 million desktop security software installations, Comodo is Creating Trust Online®. With United States headquarters in Clifton, New Jersey, the Comodo organization has offices in China, India, the Philippines, Romania, Turkey, Ukraine and the United Kingdom. For more information, visit comodo.com.