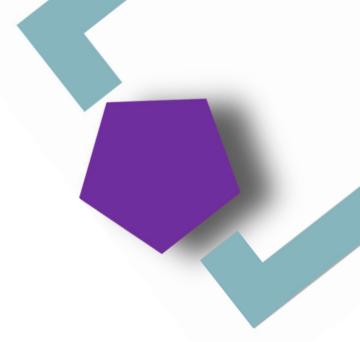# xcitium

Xcitium Secure Internet Gateway

Xcitium Secure Internet Gateway

At-a-glance

- Secure cloud, web and email access for small and mid-sized businesses—from anywhere

- Enterprise-class security with zero IT footprint or security staff

- The perfect balance of security and usability through patentpending threat containment and analysis

- Unmatched visibility into threat activity worldwide via intelligence gathered from 86 million endpoints under Xcitium's management

Securing Access to the Cloud, Web and Internet—from anywhere

As small and mid-sized businesses embrace the opportunities of the cloud and Internet they must also address the cybersecurity risks inherent in digital transformation. Cloud-based applications and other Internet-based services open up channels of communication to and from the corporate network that make businesses vulnerable to cyberthreats and the loss of critical data. For small and mid-sized businesses without the dedicated IT and security resources of larger enterprises, Xcitium offers Xcitium Secure Web Gateway. A 100% cloud-delivered service, Xcitium Secure Web Gateway protects businesses from the full range of web-borne cyberthreats—known and unknown—without any IT footprint or security staff.

Balancing Security and Usability

Given the pace at which cyberthreats evolve, it is simply not possible to detect and stop every threat that enters the network before it does its damage. In the time it takes to recognize and respond to a novel threat, critical systems and information can be compromised. Xcitium assumes all unknown files to be risky until proven otherwise. We wrap all unknown files in a container, placing them in an isolated environment while they undergo a security analysis. This containment enables business users to continue working with a file in parallel to its analysis—thus security does not hinder the business.

Cloud Verdict

Cloud Verdict—Xcitium's threat analysis engine—is the only platform in the world to deliver a 100% trusted verdict on all unknown files, classifying them as known good or known bad. Cloud Verdict provides real time visibility into what's happening across your whole network by leaving no files unchecked. 100% of all files that are not classified are analyzed at lightning speed, then moved to either a known good and known bad state. No other endpoint vendor provides 100% visibility into the customer's network (as the assumptionbased

Features

Xcitium Secure Internet Gateway provides enterprise-class security to small and mid-sized businesses through a unique set of features:

POLICY ENFORCEMENT AND VISIBILITY

Define groups by user, department, location and mobility for granular policy management and visibility; easy integration with Active Directory.

URL AND CONTENT FILTERING

Filter content based on 80+ categories, create custom blacklists and whitelists, enforce safe search, enable country-based blocking and hash-based blocking.

FILE-TYPE CONTROL

Block content by true file-type, hash, source and category.

ADVANCED THREAT PROTECTION

Protect your business from all web-borne threats including phishing attacks, malware, botnets, C&C callbacks, spyware, drive-by downloads, XSS-injection, cookie stealing, anonymizers and encrypted files.

CONTAINMENT AND ANALYSIS OF UNKNOWN APPLICATIONS

Contain and analyze all unknown executables to eliminate attacks without slowing down your business.

SSL INSPECTION

Fully inspect encrypted web traffic.

REAL-TIME, FULLY CUSTOMIZABLE REPORTING

Gain visibility into Internet activity by user, group, device and location through easy-to-build custom reports.

TRAFFIC FORWARDING

Forward traffic using a simple agent, proxy chaining, ICAP or direct proxy/PAC.

MULTI-OFFICE, MULTI-LOCATION AND MOBILE USER PROTECTION

Protect all of your users and offices regardless of location.

24X7 EMAIL SUPPORT

Access Xcitium support whenever you need it.

Xcitium Firewall

At-a-glance

- Unified threat management for small to mid-sized businesses

- Common Criteria EAL 4+ certified (verified by vendorneutral, third-party labs)

- The perfect balance of security and usability through patentpending threat containment and analysis

- Centralized management of multiple firewalls through an intuitive management interface

- Flexible deployment— upgrade from the free version to full protection without re-installing

- Unmatched visibility into threat activity worldwide via intelligence gathered from over 86 million endpoints

Protecting the Network Edge from Threats Known and Unknown

As small and mid-sized businesses embrace the opportunities of the cloud and Internet they must also address the cybersecurity risks inherent in digital transformation. Cloud-based applications and other Internet-based services open up channels of communication to and from the corporate network that make businesses vulnerable to a wide array of cyberthreats.

For small to mid-sized businesses without the dedicated IT and security resources of larger enterprises, Xcitium offers Xcitium Firewall, a unified threat management system that protects businesses from web-borne cyberthreats. It is offered as a virtual appliance in two versions: free and full protection. The free version offers businesses protection from known threats through signaturebased detection and can be managed via a free firewall central manager that provides visibility across all of your firewalls. The full protection version provides comprehensive protection from both known and unknown—or zeroday— threats. The full protection firewall leverages Xcitium's patentpending threat containment and analysis technology and also offers centralized management.

Balancing Security and Usability

Given the pace at which cyberthreats evolve, it is simply not possible to detect and stop every threat that enters the network before it does its damage. In the time it takes to recognize and respond to a novel threat, critical systems and information can be compromised. Xcitium assumes all unknown files to be risky until proven otherwise. We wrap all unknown files in a container, placing them in an isolated environment while they undergo a security analysis. This containment enables business users to continue working with a file in parallel to its analysis—thus security does not hinder the business.

Features

Xcitium Firewall provides unified threat management to small and mid-sized businesses through a comprehensive set of features (please note that some features are offered only in the full protection version of the product, as indicated below):

CENTRAL MANAGEMENT
- Manage multiple firewalls
- Organization-and device-based management
- Remote management

SECURITY
- Static and behavioral malware analysis at the gateway*
- Zero-day malware protection *
- Automated unknown file containment *
- Portable containment technology *
- Manual human-based malware analysis at the gateway *
- Signature-based antimalware at the gateway
- Phishing protection
- Real-time threat intelligence
- Botnet protection (block callback attempts of infected endpoints)
- Application auto-whitelisting *

CERTIFICATION
- Common Criteria EAL 4+

CONTENT FILTERING
- Category-based URL filtering (block URLs by category and custom blacklists)
- Domain categorization feed updates
- HTTPS interception (analysis of encrypted HTTPS traffic)
- Source-, destination-, schedule-, and user-based rule management

FIREWALL
- Unified policy management
- Stateful packet inspection firewall
- Source-, destination-, service-, port-, IP-, and FQDN-based traffic blocking
- User-, group-, schedule-, and network-based policy management

NETWORKING
- Source- and destination-based NAT support with masquerading
- VLAN and DHCP support
- WAN load balancing and failover
- Zone-based management supporting multiple LANs
- NAT, PAT, routing, ICAP support
- Virtual IP management

INTRUSION PREVENTION
- Category-based IPS signature database (block intrusion attacks with granular policies by category)
- Real-time updates (weekly addition of new IPS signatures to database)
- Support for custom IPS signatures

VIRTUAL PRIVATE NETWORK
- Site-to-site VPN
- Client-to-site VPN
- Support for IPSEC, L2TP, SSLVPN
- Active Directory authentication

MANAGEMENT
- Simple web-based management interface
- User-, group-, and time-based rules
- Active Directory integration
- Role-based access control rights to management interface

BANDWIDTH MANAGEMENT
- Service-based traffic prioritization
- Quality-of-service-based bandwidth allocation* feature available only in the full protection version

Xcitium Shield

At-a-glance

- Protect home and business users from malicious and inappropriate Internet content

- Set access policies that meet the specific needs of your business

- Set up in under 10 minutes

- Protect an unlimited number of users—for free

- 1.2 million threats blocked every day; in use at 8000 MSPs and 5000 companies across 90 countries

Control Access to Inappropriate and Malicious Internet Content

Links to inappropriate and malicious Internet content surround us whenever we are online. Sophisticated attackers know how to get unwitting users to follow a link to, well, who knows where? Whether the content is simply inappropriate or malicious, Xcitium Shield DNS Filtering protects your users—even on their mobile devices—from accessing these sites. Xcitium Shield DNS Filtering is available for enterprises and MSPs and—no matter how many users you have—it is always free.

Features

Xcitium Shield DNS Filtering protects users and businesses through a comprehensive set of features:

NO HARDWARE AND NO INSTALLATION REQUIRED
100% cloud-based, load balanced, geo-distributed, highly available Anycast DNS infrastructure hosted in 25+ countries

ENFORCE POLICIES AND GAIN VISIBILITY
Per user, location and company

DOMAIN FILTERING
80+ content categories and custom blacklists and whitelists

ADVANCED THREAT PROTECTION
Block phishing attacks, malware domains, botnets, C&C callback events, spyware, drive-by downloads, XSS-injection, cookie stealing, anonymizers, TOR, encrypted files and all web-borne attacks

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Features cont.

CUSTOMIZABLE BLOCK PAGES

Design and brand block pages, show different messages per user, location and category

REAL-TIME SECURITY UPDATES

Leverage threat intelligence gathered from 600,000 businesses and 86 million endpoints worldwide

STOP MALICIOUS DOMAIN REQUESTS AND IP RESPONSES

100% cloud-based web security delivered at the DNS level

REAL-TIME, FULLY CUSTOMIZABLE REPORTING

Monitor web transactions from anywhere, get scheduled reports delivered to your inbox and generate custom reports using simple widgets

MULTI-OFFICE AND ROAMING USER PROTECTION

Cover all of your users no matter where they are

OFF-NETWORK PROTECTION

Protect users and enforce web access policies no matter where users connect from

IOS AND ANDROID APPS

Protect mobile devices seamlessly across 2G, 3G, 4G LTE cellular networks and Wi-Fi

MULTI-COMPANY MANAGEMENT – MSP INTERFACE ONLY

Protect multiple companies from a single pane of glass by grouping objects, policies and rules

24X7 EMAIL SUPPORT

Access Xcitium support whenever you need it

Xcitium DLP

At-a-glance

- Protection of sensitive data whether it is in motion, in use or at rest

- Enterprise-class data loss prevention for small to midsized business—without any IT footprint or security staff

- Intuitive policy design with prewritten policies for PCIDSS and HIPAA compliance

- Granular policy enforcement coupled with comprehensive reporting capabilities

Protecting sensitive and confidential data—in motion, in use and at rest

SAs small and mid-sized businesses embrace the opportunities of the cloud and Internet they must also address the cybersecurity risks inherent in digital transformation. Cloud-based applications and other Internet-based services open up channels of communication to and from the corporate network that make businesses vulnerable to the loss of sensitive and confidential data including personally identifiable information (PII), credit card information, protected health information (PHI) and intellectual property.

Data breaches have many origins—and costs

Sensitive data can be leaked through the actions of malicious attackers—both insiders and outsiders—but it can also can be unwittingly leaked by well-intentioned insiders who are unaware of—or work around—established security policies. The starting point for many data exposures is the everyday behavior of employees, contractors and partners as they do their work. The costs of a breach are significant— whether sensitive data is lost at the hands of a determined attacker stealing SSNs or a well-meaning employee who leaves a company laptop with unencrypted data on the train. The costs— in some ways incalculable—are measured in the loss of customer and partner trust, damage to a company's brand and, in some cases, regulatory fines.

Preventing data loss and sustaining trust

For small and mid-sized businesses without the dedicated IT and security resources of larger enterprises, Xcitium offers Xcitium Data Loss Prevention. A 100% cloud-delivered service, Xcitium DLP protects businesses against the exposure of sensitive data, helping companies meet regulatory requirements and foster customer trust—all without any IT footprint or security staff.

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Features

Xcitium DLP provides enterprise-class data loss prevention to small and mid-sized businesses through a comprehensive set of features:

PROTECTION OF DATA IN MOTION
Monitor and control the movement of data in motion via outbound email and web traffic.

PROTECTION OF DATA IN USE
Monitor and control the movement of data in use via clipboard, network share, printer and screenshot.

PROTECTION OF DATA AT REST
Monitor and control data stored at rest through discovery of data stored on all endpoints, databases and file servers.

GRANULAR POLICY MANAGEMENT AND ENFORCEMENT
Through an intuitive policy design interface establish granular data protection policies that meet the specific needs of your business. Configure policy-based actions—including pass, log, archive, quarantine, delete— to prevent the loss of sensitive data.

COMPLIANCE MANAGEMENT
Ensure compliance with applicable data protection regulations such as PCI-DSS and HIPAA with pre-written policies and granular policy management.

REPORTING
Create activity reports to gain insight into the effectiveness of data protection policies over time and to demonstrate compliance with applicable regulatory requirements.

ABOUT US

Xcitium, formerly known as Comodo Security Solutions, is used by more than 3,000 organizational customers & partners around the globe. Founded with one simple goal – to put an end to cyber breaches. Xcitium's patented 'ZeroDwell Containment' technology uses Kernel API Virtualization to isolate and remove threats like zero-day malware & ransomware before they cause any damage. ZeroDwell Containment is the cornerstone of Xcitium's endpoint suite which includes Xcitium Essentials, Xcitium Advanced, endpoint detection & response (EDR), Xcitium Managed MDR and Xcitium Complete M(X)DR. Since inception, Xcitium has a zero breach track record when fully configured.

CONTACT