

OVERVIEW

The world of IT security is changing radically. Traditional threats such as viruses, spyware and botnets are becoming more sophisticated. Web 2.0 is opening a whole new source of attack vectors. Companies are faced with having to defend themselves against this onslaught, while also having to find ways to reduce IT cost, boost productivity and simplify their networks.

“I have literally thrown away all my hardware and software by moving to the Zscaler Web Security Cloud”

- IT Director
Global 2000 Company

Companies around the world are turning to the Zscaler Web Security Cloud to simplify their increasingly complex web security needs. They are throwing away entire racks of expensive appliances and difficult to manage software. Traditional appliance and software vendors are now reinventing and restructuring their entire businesses around this major paradigm shift.

Customers, on the other hand, are excited about the power of the Zscaler Web Security Cloud. It is solving some of the most complex security problems facing large enterprises. Companies can now secure their remote offices with no onsite hardware, view worldwide web activity through a single reporting portal, and apply corporate policy to every employee, regardless of whether they are accessing the Internet from headquarters, a coffee shop or a foreign country. No hardware, no software, no latency. Simply a safe web experience for all your employees on any device and anywhere in the world. It is that simple.

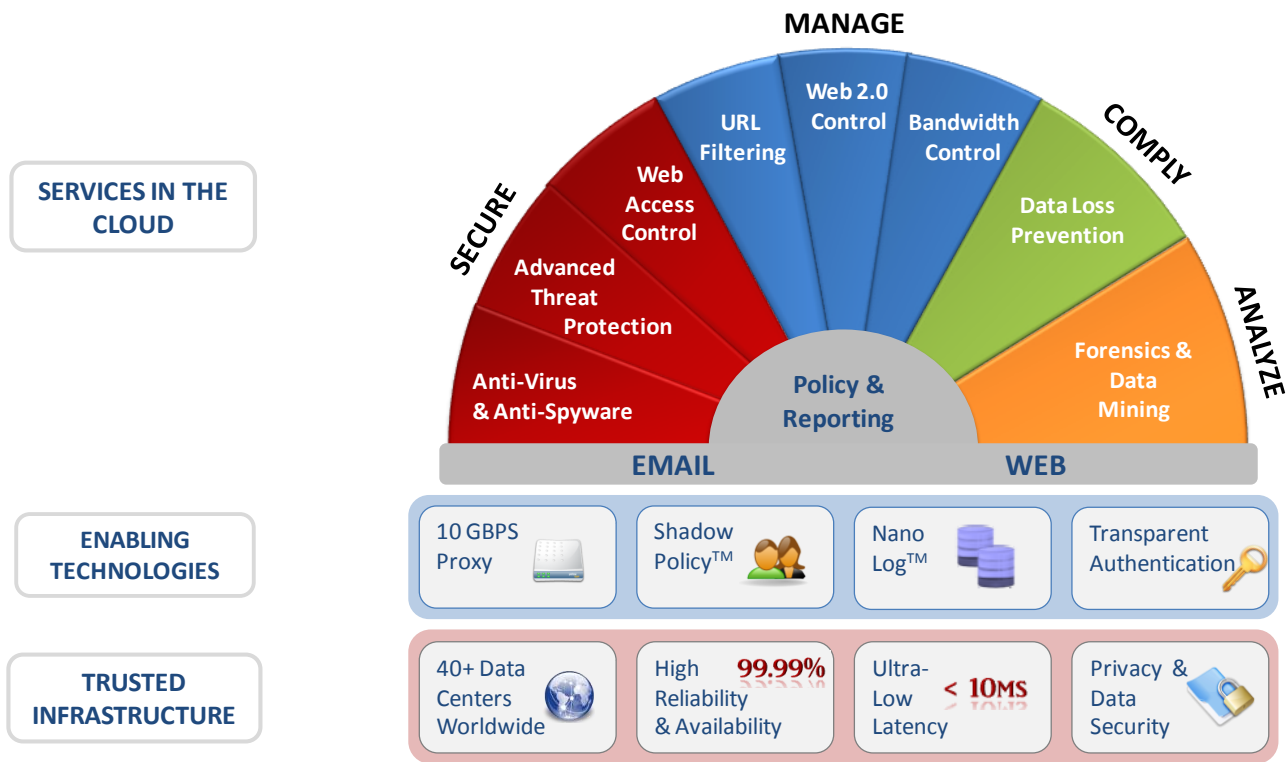
WORLD'S LARGEST CLOUD FOOTPRINT



WHO'S ON THE CLOUD TODAY?

Millions of users across 140 countries utilize the Zscaler Web Security Cloud every day. Companies from every sector including financial services, manufacturing, retail, government, education, as well as multi-billion dollar conglomerates have moved all their employees to the Zscaler Web Security Cloud.

ZSCALER CLOUD OVERVIEW



CLOUD INFRASTRUCTURE

40+ Data Centers – The cloud is deployed across over 40 data centers around the world, providing quick and easy access for employees in the office as well as when they travel to coffee shops, remote offices or foreign countries.

High Reliability & Availability – The cloud offers carrier grade, four 9s (99.99%) availability. Each Zscaler Enforcement Node (ZEN) across our 40 data centers is N-way redundant. Traffic from any ZEN can fail over to any other ZEN across the world, ensuring high availability, despite any regional failures such as natural disasters.

Ultra-Low Latency – Our 40+ data centers around the world allow your traffic to get to us quickly. Once you are there, our 10 Gbps proxies, backed by their 30 patents, ensure your traffic is processed quickly. The net result is, the cloud introduces less than 10 milliseconds of latency, to any Internet transaction – from any city in the world.

Privacy & Security – Our multi-tenant architecture was built from the ground up to ensure the highest levels of privacy and security. From Fortune 10 companies, to the most demanding government agencies in the world, our cloud has been tested and certified to be ultra-secure. The cloud is compliant with the most demanding data privacy regulations globally. Our data centers are located in facilities around the world with 24/7 monitoring and physical security with redundant power, cooling, and multiple internet uplinks. The ZENs do not store any transaction data to ensure highest level of privacy and security.

“In my 30 years of IT, I have never seen such a powerful technology that is so simply to deploy”

- CTO
Global 2000 Company

SECURITY SERVICES IN THE CLOUD

Anti-Virus & Anti-Spyware – The cloud is constantly kept up to date with the latest signatures and dynamic counter measures to protect against a comprehensive array of spyware and viruses. Companies no longer need to push signatures to data center hardware or end user desktops. It is all done in the cloud.

Advanced Threat Protection – Our security engineers at our Research Center work 24x7 to identify and block next generation threats such as malicious active content, botnets, cross site scripting (XSS), phishing and a new generation of hostile threats thriving in a Web 2.0 world.

Web Access Control – Older or unpatched browsers create large security holes in enterprise environments. The Cloud validates that browsers are fully up to date before employees are allowed to access the Internet. Zscaler provides ‘Vulnerability Shielding’ to protect old browsers against attacks and warns users when they use a vulnerable browser or plugin.

MANAGEMENT SERVICES IN THE CLOUD

URL Filtering – A combination of powerful classification engines and our classification teams, based on five continents, categorize millions of URLs. However, traditional URL filtering is not enough. Additionally, Dynamic Content Classification (DCC) technology analyzes pages as they are accessed, providing a second layer of real-time URL protection.

Web 2.0 Controls – Blocking all Web 2.0 sites is not practical. Companies need to keep the good, but filter out the malicious content that rapidly spreads in the Web 2.0 world. The Cloud’s high performance scanning engines monitor thousands of sites. As malicious content is identified, it is immediately blocked across the entire cloud.

Bandwidth Control – Video consumes 20 times as much bandwidth as traditional data. The Cloud gives companies the power to control who consumes, how much bandwidth, at what time of day, from which location – boosting productivity and lowering cost.

DATA LOSS PREVENTION (DLP) SERVICES IN THE CLOUD

DLP Dictionaries – Zscaler provides dictionaries that can detect three forms of data: *Well defined numbers* (Credit Cards, SSN, Canadian SIN) where a full checksum is performed to minimize false positives; *Document detection* (financial statements, medical statements, source code) are artificial intelligence engines that detect these forms of documents; *Custom Phrases* where an administrator can define any important phrases to be detected in documents and conversations that leave the organization.

DLP Engines – Dictionaries are combined to form engines for detecting and blocking transactions to enforce PCI or HIPAA compliance. In addition, administrators can define their own engines that combine multiple dictionaries to detect and block leakage of intellectual property.

Applications – Zscaler scans all data leaving your organization over any web application. The engines scan all microsoft document formats, PDFs or compressed archives. Rules can be set at the granularity of users, locations and specific web applications like social networks, webmail or instant message.

“I can instantly get access to web activity for all my employees and road warriors from a single, easy to use portal”

- Security Director
Financial Services Company

UNIFIED POLICY AND REPORTING SERVICES IN THE CLOUD

Administrators have a single console to create a comprehensive web policy across security, internet access management, and data loss prevention. They manage their own policy, and changes are reflected across the entire cloud instantly.

Zscaler is unique in its ability to provide the IT administrator instantaneous access to any transaction data. Through hundreds of summary views and interactive drilldown capabilities, the administrator can quickly isolate anomalies or recover detailed transaction logs for event forensics.

BENEFITS SUMMARY



SECURITY

- Eight fully integrated security modules
- Granular Web 2.0 controls – keep the good, block the bad
- Traditional and dynamic real-time URL filtering



GLOBAL CLOUD FOOTPRINT

- Largest web security cloud in the world – customers in 140 countries
- Four 9s availability – local, regional and multi-continent redundancy
- No measurable latency



COST SAVINGS

- No appliances, no software, no desktop clients
- No upfront costs, pay as you go
- No buying excess capacity – cloud scales as you need capacity



SIMPLICITY

- Eliminates complex point solutions
- Global policy manager – single policy follows user across the world
- Pointing traffic to the cloud is quick and simple



COMPLIANCE & REAL-TIME REPORTING

- View any transaction, by any user, from any location within ten seconds
- Comprehensive Data Loss Prevention (DLP) across ALL devices

“It’s truly real-time reporting. I can see any web transaction from anywhere in the world, within three seconds.”

- IT Director
Global 2000 Company

ONLY FROM ZSCALER

Traditional security vendors will tell you that they have embraced the cloud, but look deeper. Building and running a cloud is complicated. Zscaler is the largest company in the world focused solely on cloud security. Our R&D centers span three continents, our cloud operates at four 9s availability and our cloud specific patents stand at 30 and growing. Join the companies from 140 countries, who have thrown away their hardware and software, and moved to the Zscaler Web Security Cloud. **Security made simple!**

FEATURES AND SUITES OVERVIEW

	WEB FILTERING SUITE	WEB SECURITY SUITE	WEB STANDARD SUITE	WEB ADVANCED SUITE	WEB PREMIUM SUITE
CLOUD PLATFORM					
Access to any of Zscaler's cloud based data centers globally	•	•	•	•	•
High Availability - 99.99%	•	•	•	•	•
Near-Zero proxy latency - less than 1 millisecond	•	•	•	•	•
Fully cloud based - no onsite hardware or software	•	•	•	•	•
Protect users at HQ, remote offices, on laptops, phones	•	•	•	•	•
Full Active Directory and LDAP Integration	•	•	•	•	•
Full SSL inspection	•	•	•	•	•
REPORTING					
Real-time reporting - any transaction anywhere in seconds	•	•	•	•	•
2 yrs summary + 6 mo transaction logs (extensible to 7 yrs)	•	•	•	•	•
URL FILTERING					
Filter across 6 classes, 30 super-categories, 90 categories	•	•	•	•	•
Flexibility to override predefined URL classification	•	•	•	•	•
Dynamic content classification for unknown URLs	•	•	•	•	•
Granular policy by users, groups, locations, time and quota	•	•	•	•	•
ADVANCED THREATS PROTECTION					
Block malicious code, spyware, viruses from infected sites		•		•	•
Real-time feeds of phishing, botnets, other malicious sites		•		•	•
PageRisk to stop botnets, XSS, malicious active content		•		•	•
Block Anonymizer, ToR, P2P, Skype, Gtalk and Gizmo		•		•	•
INLINE ANTI-VIRUS & ANTI-SPYWARE					
Signature based anti-malware protection for any file size			•	•	•
Full inbound/outbound file inspection with near-zero latency			•	•	•
True file type control by users, groups and destinations			•	•	•
WEB 2.0 CONTROL					
Granular Web 2.0 control (i.e. allow viewing/block uploads)				•	•
Streaming Media - Youtube, Hulu, Google Video, etc.				•	•
Social Networking & Blogs - Facebook, Twitter, Orkut, etc.				•	•
Webmail - Gmail, Yahoo mail, Hotmail, etc.				•	•
Web based IM - Facebook chat, Google chat, Yahoo IM, etc.				•	•
BANDWIDTH MANAGEMENT					
Protect bandwidth for web apps by location or time of day					•
Limit bandwidth consumed by non-productive web traffic					•
WEB ACCESS CONTROL					
Ensure outdated versions of browsers are forced to upgrade					•
Ensure known browser vulnerabilities are patched					•
DATA LOSS PREVENTION					
Inline scanning of all web traffic leaving the organization					•
Log or block transactions with confidential data					•
Inspect Office, Adobe and multi layered zip files					•
Customized phrase dictionary with fuzzy matching					•
Predefined engines and dictionaries (HIPAA, PCI, credit cards)					•

CUSTOMER TESTIMONIALS



- Louis Vuitton • Moët Hennessy is one of the most respected luxury retailers in the world
- Dealing with numerous point solutions and appliances was costly and unproductive
- LVMH wanted a high-quality solution to protect employees, remote offices and stores
- LVMH felt a cloud solution would be easy to manage and could provide global protection
- LVMH recognized that Zscaler's combination of security and simplicity made it the easy choice



- ING is one of the leading financial services companies in the world
- Old solution was multiple point products; URL & Anti-Virus filtering handled separately
- Backhauling traffic to HQ was expensive and complicated their network architecture
- Wanted a 'no appliance' solution with centralized administration and reporting
- Zscaler offered seamless deployment, comprehensive functionality, all at a lower TCO



- ALD Automotive is the auto-lending division of Societe Generale Bank
- Legacy point products were difficult to manage across offices in 39 countries
- Management complexity increased with proliferation of Web 2.0 applications
- Looking for a trusted SaaS security solution, with rich features and global reach
- Zscaler provided powerful global solution, with extensive real-time reporting

MORE INFORMATION

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