Zscaler® Cloud Application Visibility and Control

MAKING CLOUD APPLICATIONS SAFE AND PRODUCTIVE FOR BUSINESS

THE ZSCALER PLATFORM

Zscaler's award-winning Security as a Service platform delivers a safe and productive Internet experience for every user, from any device and from any location. Zscaler effectively moves security into the Internet backbone, operating in more than 100 data centers around the world and enabling organizations to fully leverage the promise of cloud and mobile computing with unparalleled and uncompromising protection and performance. Zscaler delivers unified, carrier-grade secure internet, advanced persistent threat (APT) protection, data loss prevention (DLP), SSL decryption, traffic shaping, policy management and threat intelligence— all without the need for on-premise hardware, appliances or software.

Zscaler Cloud Application Visibility & Control enables you to secure and manage cloud applications used by your organization. With Zscaler you can discover which cloud applications are being used by your employees, set granular access and use policies, monitor and report on usage in real time, and protect against cyber threats and data loss.

Key Benefits

Get real-time traffic visibility

- Get real time visibility into application usage—across 'IT sanctioned' and 'shadow IT' applications
- Analyze all user activity—across cloud applications and web—through a single reporting portal
- Use pre-built reports or customize reports to your business needs
- Simplify SOC operations with out-of-the-box SIEM integration

Enforce compliance with sophisticated, granular policy controls

- Control application access at the user, group, department and/or location level
- Set granular action, time and/or bandwidth based policy for specific applications or application groups
- Create and apply policies in real time across users, devices and locations

Block cyber threats with in-line threat protection

- Protects against known and unknown threats, including Advanced Persistent Threats (APTs)
- Inspects every byte of traffic in real time, and all threats are automatically blocked
- Automatically decrypts SSL traffic in real time to scan for malware

Secure your critical data with built-in data loss prevention

- Scans all traffic, including SSL encrypted traffic, to prevent sensitive and confidential data from leaving the organization
- Stops data exfiltration attempts from infected devices, including Internet-connected devices
- Choose which traffic to decrypt and inspect to maximize security while ensuring privacy

Enhance productivity and reduce costs, with bandwidth controls

- Monitor usage and control access to restrict time spent on non-productive applications
- Prioritize bandwidth for business critical applications to ensure optimal user experience
- Limit bandwidth for non-business applications, reducing the need to buy unnecessary bandwidth

Features

Cloud application discovery and classification

Discover all the Internet applications being used by your organization, including both "shadow IT" and authorized cloud apps. Applications are classified into 9 application classes—Social Networking/Blogs, Webmail, Streaming Media/File share, Web Instant Messaging, Enterprise Collaboration, Productivity/ Business Usage, Consumer apps, Sales and Marketing, System and Development.

Real time traffic visibility

Zscaler provides visibility into any Internet transaction, by any user, from anywhere, in seconds. Administrators can drill down to transaction details, use pre-built reports or build custom reports to answer business questions, and even schedule reports for periodic delivery to individuals or groups. The reporting portal covers cloud application and internet traffic thereby providing a holistic understanding of users' online activities.

Granular policy control

With Zscaler, you can control access to applications at the user, group or location level. You can set granular action, bandwidth and/or time-based policies. All policies are updated globally in real time—ensuring that users always remain compliant with the latest company regulations.

Bandwidth Control

Applications such as streaming music and video can consume a great deal of bandwidth, and crowd out business applications. With Zscaler, you can allocate bandwidth by application, application type, location and time to ensure that business critical application traffic is always prioritized over recreational applications.

In-line traffic inspection, including SSL

Zscaler inspects inbound and outbound content in real time for all traffic including SSL without any deterioration in performance. Organizations can choose to decrypt SSL traffic using their own certificate or leverage Zscaler's certificate. You also retain complete control over which traffic to decrypt and inspect, and which traffic to bypass.
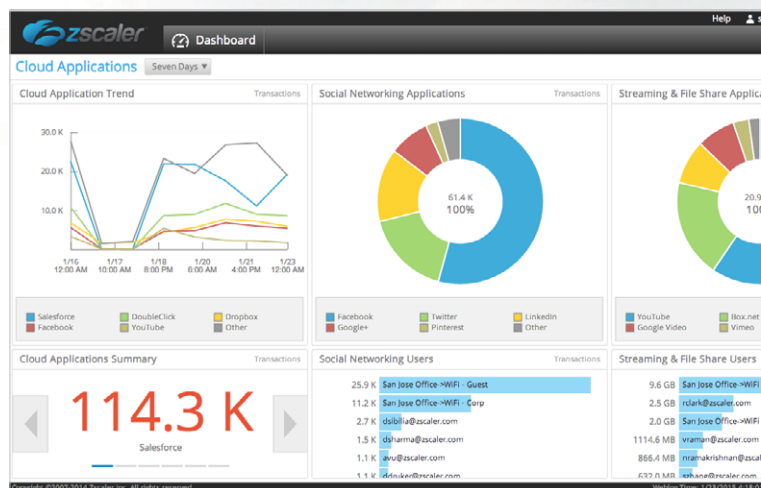
Robust threat protection

Because Zscaler is inline with all internet traffic, we can automatically block threats in real time as they are identified. Zscaler protects against known and unknown threats, including Advanced Persistent Threats (APTs). Zscaler's massive cloud footprint and security partnerships ensure that we deliver the fastest threat analysis and the highest catch rates with the lowest false positives.

Data Loss Prevention

Zscaler monitors cloud application traffic to identify sensitive or unauthorized data - credit cards, SSNs, financial statements, customer information, medical documents, source code, and other intellectual property—and dynamically applies policies to protect against data loss. Organizations can leverage pre-defined dictionaries or create custom dictionaries to ensure compliance with HIPAA, PCI, and PII as well as EU Data Protection Directive and EU Data Privacy Act.

SIEM integration

Zscaler enables organizations to seamlessly transfer their Zscaler logs to the enterprise SIEM in real time—to analyze traffic patterns across their entire network, or even conduct incident analysis using the corporate SIEM systems.