

Zscaler™ Cloud DLP

Close the gaps in your data protection strategy

Zscaler Cloud DLP protects against the loss of sensitive data across all users and branches, regardless of location, through full inline SSL inspection

The challenge of data protection in a cloud-first world

Around the globe, reports of data breaches continue to make headlines, despite regulations like GDPR imposing rules to strengthen and unify data protection. Traditionally, organizations would respond to security challenges by adding yet another appliance to an already complex security stack, but digital transformation, remote work, and our cloud-first world have changed the rules of the game.

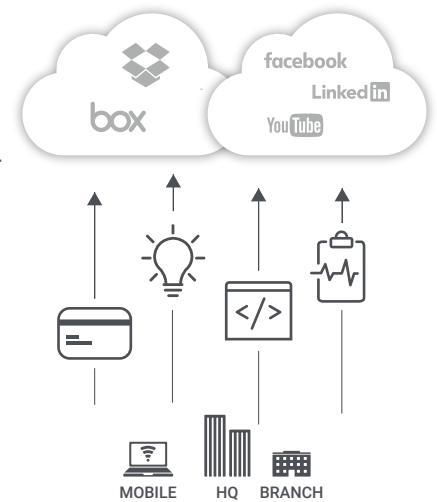
Because the new norm consists of applications in the cloud and users connecting directly to them from anywhere, you are inevitably left with blind spots. As your remote users bypass your network-based security measures, your visibility and control of critical data and personal information is lost.

These blind spots increase your risk of data loss—whether that data is exposed unintentionally due to a lack of user awareness, or it is being extracted maliciously. And, because 95 percent of all web traffic is encrypted¹, sensitive data is often concealed in SSL traffic, which is hard to inspect due to the capacity and cost constraints of legacy appliances.

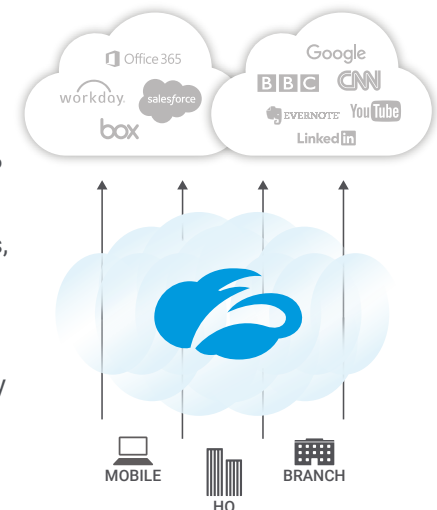
Protect your data with Zscaler Cloud DLP

With mobile users and the majority of your applications in the cloud, it makes sense to move your data protection and security controls to the cloud, too. Zscaler Cloud DLP is part of the Zero Trust Exchange, a platform that sits between users and the internet, inspecting all traffic and providing the same comprehensive protection to all your users, no matter where they go.

Your users might have left the network, but that doesn't have to mean your sensitive data will leave with them. Zscaler Cloud DLP empowers you to illuminate blind spots by providing protection and visibility where you don't have it today—and with full content and SSL inspection. Zscaler Cloud DLP enables you to protect sensitive data with advanced controls and granular policy, which can easily be deployed as part of the Zero Trust Exchange, all while remaining in compliance with regulatory mandates.



Sensitive information flows unhindered to cloud applications



Zscaler Cloud DLP sits between users and the internet

¹ February 2022, Google Transparency Report: <https://transparencyreport.google.com/https/overview?hl=en>

Zscaler Cloud DLP benefits

With Zscaler Cloud DLP, you can extend your protection to follow users wherever they go, without bypassing your security controls when connecting direct-to-cloud. Because it's part of the Zero Trust Exchange, it provides a range of benefits that can only be delivered through a global, purpose-built security cloud:



Consistent data protection and full SSL inspection

- Provide identical protection to all users and branch offices
- Scan and monitor every byte inline, without capacity limits, with full SSL inspection
- Leverage advanced controls like exact data match (EDM) to eliminate false positives



Full integration for better protection

- Leverage integrated web security, threat prevention, and CASB capabilities
- Simplify administration and reporting with a unified management console
- Easily integrate with your SIEM and third-party DLP solutions



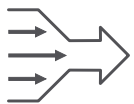
Complete visibility and control

- Extend your visibility to users off network and discover cloud applications
- Control data flowing to shadow IT and unsanctioned applications with granular policies
- Forward logs in real time for faster incident analysis and remediation



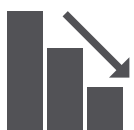
Compliance and data privacy

- Meet compliance mandates like PCI DSS, HIPAA, and GDPR with policy that follows users
- Report on security and risk assessment from anywhere within seconds
- Integrate with existing governance, risk, and compliance (GRC) workflows



Simplified deployment and architecture

- Deploy data loss prevention in minutes without changing your network architecture
- Simplify policy creation and administration with integrated workflows
- Reduce network complexity by enabling direct-to-cloud connections



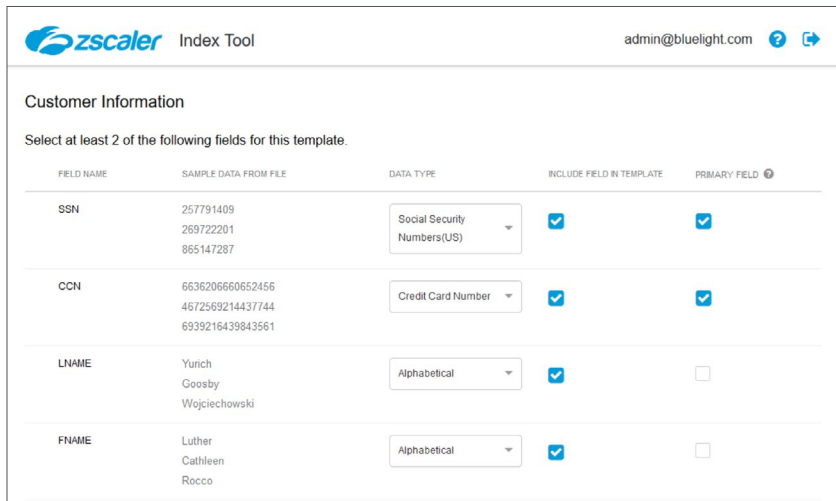
Reduced cost and complexity

- Put an end to purchasing, standing up, and maintaining point products
- Eliminate the guesswork of inspection capacity planning with a user-based subscription
- Optimize MPLS backhauling and receive a lower total cost of ownership

Zscaler Cloud DLP capabilities

Increase precision with exact data match (EDM)

Maximize your data protection by fingerprinting sensitive information from your databases, without transferring it to the cloud. With EDM and highly customizable policies, Zscaler Cloud DLP can detect and stop the transfer of specific data you want to protect to unauthorized parties or services. This technique eliminates false positives and thus improves your security posture as well as the productivity of your administrators.

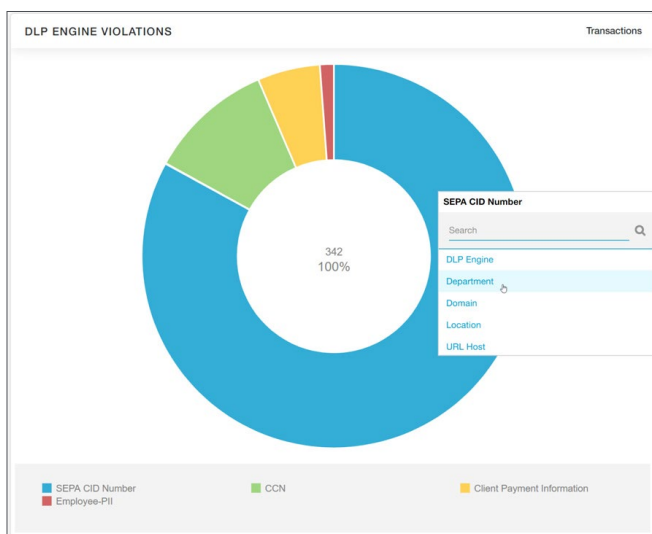


The screenshot shows the Zscaler Index Tool interface. At the top, it says "zscaler Index Tool" and "admin@bluelight.com". Below that, it says "Customer Information" and "Select at least 2 of the following fields for this template." There is a table with columns: FIELD NAME, SAMPLE DATA FROM FILE, DATA TYPE, INCLUDE FIELD IN TEMPLATE, and PRIMARY FIELD. The table contains four rows: SSN, CCN, LNAME, and FNAME. Each row has a dropdown menu for DATA TYPE, a checkbox for INCLUDE FIELD IN TEMPLATE, and a checkbox for PRIMARY FIELD.

FIELD NAME	SAMPLE DATA FROM FILE	DATA TYPE	INCLUDE FIELD IN TEMPLATE	PRIMARY FIELD
SSN	257791409 269722201 865147287	Social Security Numbers(US)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CCN	6636206660652456 4672569214437744 6939216439843561	Credit Card Number	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
LNAME	Yurich Goosby Wojciechowski	Alphabetical	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FNAME	Luther Cathleen Rocco	Alphabetical	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Investigate data loss incidents in real time

Zscaler Cloud DLP allows you to instantly analyze violations and create reports to highlight compliance concerns. With visibility into each DLP violation, you can customize your notification workflow and reporting. Zscaler Nanolog™ Streaming Service (NSS) allows you to forward logs to a SIEM to integrate with your GRC workflows. You can forward DLP evidence data to third-party DLP solutions via ICAP, send evidence and session metadata to your incident receiver, or forward it to an admin email.



FEATURES

- Dictionaries and engines**
 Leverage predefined dictionaries and preconfigured engines or customize them for your specific needs
- Content matching**
 Match specific keywords, patterns, regular expressions, and other identifiers
- Indexed document matching (IDM)**
 Automatically detect and secure key documents that use your indexed forms
- Optical character recognition (OCR)**
 Find and protect sensitive data in image files while leveraging all Zscaler DLP capabilities
- Machine learning-based matching**
 Detect records such as financial and healthcare statements without prior identification or fingerprinting
- File type control**
 Detect hundreds of file types and block those specified in your DLP policy
- Granular policy**
 Target specific users, groups, locations, destinations, and content types with multi-criteria policies
- ICAP forwarding**
 Send identified and blocked data over secure ICAP to existing DLP solutions
- Contextual reporting and auditor workflow**
 Provide customized reports and notifications for visibility into DLP violations
- Real-time log feeds**
 Stream real-time log events to an external SIEM for further insights
- Out-of-band DLP**
 Use Zscaler CASB to scan cloud data at rest for DLP policy violations and respond automatically

Why Zscaler Cloud DLP

Better data protection

Get identical protection for all users and branches regardless of location.

Elastic scale

Always enforce your policies inline with consistent performance.

Complete visibility

Illuminate blind spots by inspecting all your SSL traffic, without capacity limits or costly appliances.

Fully integrated platform

Eliminate the need for architectural changes and maintenance of point products.

Close the gaps in your data protection strategy

As part of the integrated Zero Trust Exchange, you can easily activate Zscaler Cloud DLP to expand data protection to all your users.

[Request a Demo](#)

About Zscaler

Zscaler (NASDAQ: ZS) accelerates digital transformation so that customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange protects thousands of customers from cyberattacks and data loss by securely connecting users, devices, and applications in any location. Distributed across more than 150 data centers globally, the SASE-based Zero Trust Exchange is the world's largest inline cloud security platform. Learn more at [zscaler.com](https://www.zscaler.com) or follow us on Twitter [@zscaler](https://twitter.com/zscaler).

