Zscaler™ Data Protection at a Glance

The adoption of SaaS and public cloud has rendered data widely distributed and difficult, if not impossible, to secure with legacy protection appliances. As such, it is easy for both careless users and malicious actors to expose enterprise cloud data.

Zscaler Data Protection follows users and the apps they access—protecting anywhere and anytime against data loss. Our Zero Trust Exchange™ inspects traffic inline, encrypted or not, and ensures your SaaS and public cloud apps are secure, while delivering a dramatically streamline approach to protection and operations.

Zscaler Data Protection secures the four major sources of data loss:

Prevent data loss to the internet

When users access the internet and its risky destinations, it is a threat to enterprise data. Legacy appliances can't follow users off–network or secure their web traffic.

Zscaler is a cloud–native platform that scales to inspect all traffic, everywhere. A singled DLP policy protects data across Web, Email, Endpoint, SaaS and Private Apps, along with advanced classification like EDM, IDM and OCR.
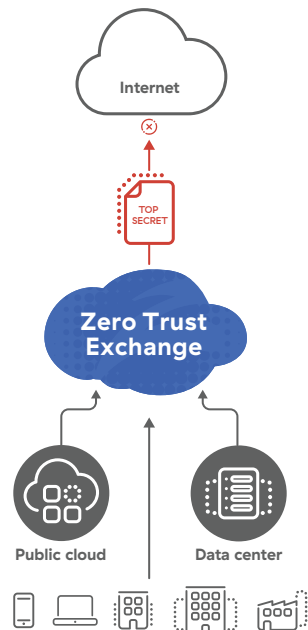
Secure SaaS data with CASB

Securing data at rest in SaaS apps is critical for security— it only takes two clicks to share data with an unauthorized user through apps like Microsoft OneDrive.

Zscaler's integrated, multimode CASB secures SaaS apps without the cost and complexity of a point product. Inline functionality delivers full shadow IT discovery and control. Out–of–band DLP and ATP remediate risky file sharing and malware at rest in the cloud, respectively.
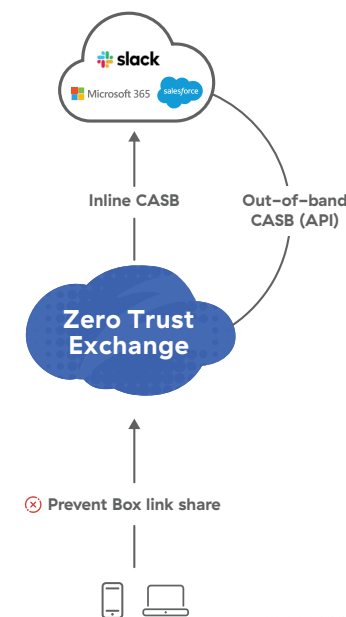
Protect public cloud data

Most cloud breaches are caused by dangerous misconfigurations or permissions. As SaaS and IaaS are highly dynamic, such gaps are often overlooked and exploited.

Zscaler CSPM and CIEM find and remediate potentially fatal misconfigurations, compliance violations, permissions, and entitlements; continuous scanning prioritizes risk. Integrated SSPM extends this functionality to apps like Microsoft 365, Salesforce, and Google Workspace.
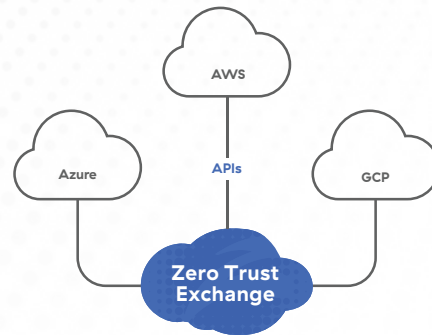
Secure unmanaged devices

BYOD and other unmanaged devices are significant threats to data. IT has no control on such endpoints, but blocking them entirely hampers enterprise productivity.

Zscaler Cloud Browser Isolation safely enables unmanaged device access without the performance challenges of VDI or reverse proxy. The solution streams data as pixels from an isolated session in the Zero Trust Exchange, enabling BYOD, but preventing data loss via downloading, copying, pasting, and printing.
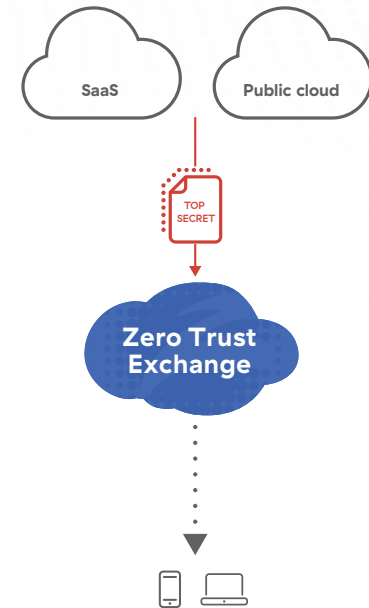
Zscaler Data Protection key capabilities

⠿ Unified protection

Zscaler Data Protection provides consistent, unified security for data in motion and data at rest across SaaS and public cloud applications.

⠿ Unlimited SSL Inspection

Inspect all your SSL traffic without any limitations. Find more data loss where it hides, without typical hardware limitations.

⠿ ML–Powered Data Discovery

Quickly understand data behaviors and risks. Innovative discovery automatically finds and classifies all data out of the box.

⠿ Compliance reporting and remediation

Zscaler enables unified compliance across SaaS and public cloud apps, measuring configurations against 17 frameworks and automating remediation.

Zscaler Data Protection Components

		Data Protection Advanced	Data Protection Advanced Plus
Enterprise DLP Solution			
Cloud App Control	Find and control risky or unsanctioned apps (Shadow IT)	Included	Included
Inline Web	Prevent data loss with inline scanning across all dictionaries (DLP)	Included	Included
SaaS API	Prevent data exposure and ensure SaaS app compliance (CASB). All apps except email.	Included	Included
Email	Identify and prevent data loss across email	Included	Included
Private Apps	Prevent data loss with inline scanning across private apps (ZPA)	Included	Included
Unmanaged Devices	Prevent data loss to BYOD by streaming data as pixels only (Browser Isolation)	Included	Included
Advanced Classification			
Exact Data Match (EDM)	Fingerprint and secure custom company data		Included
Index Document Match (IDM)	Fingerprint and secure custom documents and forms		Included
Optical Character Recognition (OCR)	Find and prevent data loss in images and screenshots		Included
Advanced Incident Management			
Workflow Automation	Cloud-hosted incident management tool enables streamlined investigations across Admins, Managers and Users		Included
ICAP Connectors	Send DLP logs from Zscaler cloud to on-premises DLP/ICAP server		Included
Incident Receiver	On-premise or cloud tool able to securely receive Zscaler DLP Logs		Included

Data Protection availability in Zscaler Internet Access Editions

Data Protection availability in Zscaler Internet Access Editions		Business	Transformation	Unlimited
Data Protection Standard (DLP and CASB Essentials)	Find and control risky and unsanctioned apps (Shadow IT) Inline DLP alerting across PCI, PII, and 2 custom dictionaries (no blocking) Prevent data exposure and ensure SaaS app compliance (CASB). Only 1 sanctioned app.	Included	Included (+) SaaS API retro scan	Included
Data Protection Advanced	Complete Enterprise DLP Solution	Add-on	Add-on	Included
Data Protection Advanced Plus	Complete Enterprise DLP Solution including Advanced Classification and Advanced Incident Management	Add-on	Add-on	Included

Data Protection availability in Zscaler for Users Editions

Data Protection availability in Zscaler for Users Editions		Business	Transformation	Unlimited
Data Protection Standard (DLP and CASB Essentials)	Find and control risky and unsanctioned apps (Shadow IT) Inline DLP alerting across PCI, PII, and 2 custom dictionaries (no blocking) Prevent data exposure and ensure SaaS app compliance (CASB). Only 1 sanctioned app.	Included	Included (+) SaaS API retro scan	Included
Data Protection Advanced	Complete Enterprise DLP Solution	Add-on	Included	Included
Data Protection Advanced Plus	Complete Enterprise DLP Solution including Advanced Classification and Advanced Incident Management	Add-on	Add-on	Included

To learn more about what Zscaler Data Protection can do for you, go to zscaler.com/dp

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⊘zscaler | Experience your world, secured.™

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** or follow us on Twitter **@zscaler**.