



# Rethinking Security for an Evolving Workforce



IT departments find themselves in the unenviable position of trying to secure employees working from anywhere—the headquarters, a branch office, at home, or practically anywhere else. And with VPNs struggling to keep up with a larger remote workforce and users connecting directly to their cloud apps, more business is happening away from security policies and controls. This has caught the attention of cybercriminals who are focusing their attacks on this growing remote workforce. All of this puts your business at even greater risk and in search of a simple, effective solution to these security challenges.

By leveraging the power and flexibility of Zscaler Internet Access™ (ZIA™), organizations can completely secure your evolving workforce, no matter where or how they do business. With Cloud Firewall, Cloud Sandbox, and Cloud DLP, which follow the user connection, IT departments can enable fast direct internet connections without adding risk. You'll get airtight protection against breaches and exfiltration while giving your users the freedom to work wherever and however they want, all at a fraction of the cost of traditional approaches.

Your users are demanding more flexibility to work wherever and however they want. The problem is that threats targeting your users are increasing as users leave your network and bypass your policies. Your network and security are costing more than they're worth. It's time for a better approach to the future of connectivity.

## How to secure your remote workforce from anywhere

### It starts with Zscaler Client Connector and Z-tunnel 2.0

It all starts with Zscaler Client Connector (formerly known as Zscaler App). Before the user's device connects to the internet, Client Connector establishes a secure connection to the Zscaler Cloud. By leveraging Zscaler's new Z-tunnel 2.0 architecture, all traffic, ports, and protocols are proxied through Zscaler for inspection. Client Connector is the fundamental building block for fast, secure user connections, regardless of location.

### Control off-network connections with Advanced Cloud Firewall

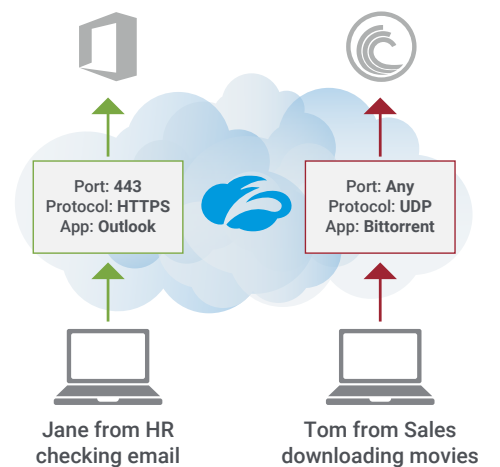
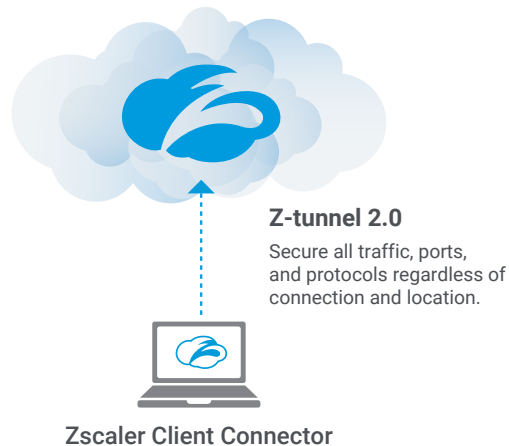
When your users are off-network, you still need your corporate policies to follow them. This is where Advanced Cloud Firewall comes in. By pairing Advanced Cloud Firewall and Z-tunnel 2.0, you can fully control and secure your users' connections and reduce risk without VPN, backhauling or costly appliances. From blocking BitTorrent to controlling FTP, RDP, or SIP connections to defining user group access to Ring Central, Zoom, and others, Zscaler Advanced Cloud Firewall has you covered. You can finally leverage a single, consistent policy wherever your users want to connect from—now and in the future.

“ We found a lot of P2P traffic going in and out of our network to clients we weren't familiar with. We were able to use Zscaler's full packet inspection firewall to turn off that P2P traffic, so we could stop BitTorrent and other P2P file sharing services.”

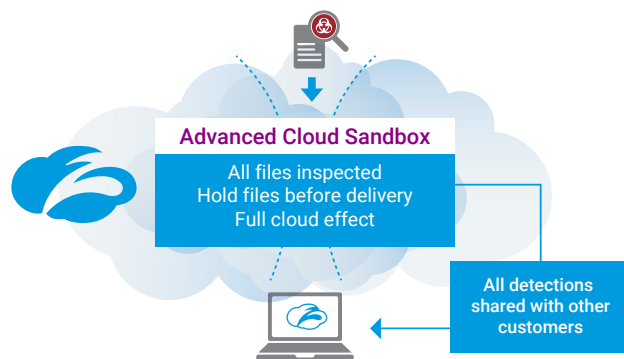
- Jeff Johnson, Director of Security Operations, AutoNation

### Reduce remote user risk with Advanced Cloud Sandbox

When users are off-network and away from your gateway is when they are most vulnerable. Ransomware and unknown malicious files strike when you least expect it. That's why you need advanced Cloud Sandbox and the ZIA proxy architecture. You can blanket all users with inline zero-day protection and even hold the delivery of unknown files until confirmed clean. You get full coverage across all file types your users could download and stronger threat intelligence from other Zscaler organizations. Better still, with unlimited SSL inspection, you'll inspect every byte of traffic and find more threats where they hide.



Enforce corporate policies off-network with Cloud Firewall



After deploying Zscaler and Cloud Sandbox, NOV saw a 35x reduction in infected machines.

## Control data exfiltration everywhere with Cloud DLP

Your users might have left the network but that doesn't have to mean that your sensitive data will leave with them. With Zscaler Cloud DLP, you can prevent the intentional or unintentional loss of confidential data, no matter where your users connect. With full SSL inspection, you'll eliminate blind spots in your encrypted traffic and gain better visibility into your compliance efforts. And with Zscaler's Exact Data Match, you can fingerprint and match personally identifiable information (PII) to keep it airtight from exfiltration.



Secure all confidential data across any connection and inside SSL

“ Out-of-the-box DLP dictionaries are incredibly straightforward and were exactly what we needed. Deploying them to user groups was so easy, it made fully deploying DLP a trivial task.”

- Brad Moldenhauer Director of Information Security,  
Steptoe & Johnson LLP

## Summary

As recent events taught us, organizations must prepare for a host of possibilities, including your entire workforce working from outside the corporate headquarters. This migration away from the office also means migrating away from the security policies and controls located there. Organizations need a new way to secure their employees and the applications they access regardless of where they work and without negatively impacting the user experience.

Zscaler has already helped thousands of organizations securely enable this new work-from-anywhere reality. Let us show you how so you can achieve the flexibility needed to empower the workforce of today—and of the future.

### About Zscaler

Zscaler enables the world's leading organizations to securely transform their networks and applications for a mobile and cloud-first world. Its flagship services, Zscaler Internet Access™ and Zscaler Private Access™, create fast, secure connections between users and applications, regardless of device, location, or network. Zscaler services are 100% cloud delivered and offer the simplicity, enhanced security, and improved user experience that traditional appliances or hybrid solutions are unable to match. Used in more than 185 countries, Zscaler operates a multitenant, distributed cloud security platform that protects thousands of customers from cyberattacks and data loss. Learn more at [zscaler.com](https://www.zscaler.com) or follow us on Twitter @zscaler.

