

# Enterprise Application Access

Secure access to the right application, at the right time, for the right user becomes more and more difficult and complex because of the widely distributed nature of applications and users. Applications nowadays include multiple locations (data center, internet or cloud) and multiple types (legacy, web or SaaS). Users have also evolved to much more than just employees; users can be suppliers, partners, customers, developers and so much more.

## A new approach is needed

Legacy network security tools, built for the outdated notion of a secure perimeter, have not kept pace with today's need for secure access. These traditional technologies leave organizations vulnerable to attack by malicious actors who move laterally inside the network. The ideal solution to this problem is one that grants user access to specific applications and not to entire networks or network segments, as VPN tunnels do. A cloud-delivered, identity-aware, highperformance service is required to provide secure application access for users whenever and wherever they need it.

## Why Akamai for Zero Trust access?

Akamai's edge platform enables your secure digital transformation. It gives you the scalability, visibility, and simplicity needed to adapt your business: You can quickly onboard employees from a merger or acquired company, enable manufacturing or production in different markets or geographies, easily add and remove contractors to adapt to changing business needs, and move applications to the cloud cost-effectively without sacrificing security. Akamai's platform allows you to deploy IT staff to important business initiatives, rather than maintain outdated legacy VPN security architecture.

## How it works

Akamai Enterprise Application Access is an Identity-Aware Proxy in the cloud. It's a flexible and adaptable service with granular decision-making access based on real-time signals such as threat intelligence, device posture, and user information. The solution is part of Akamai's highly scalable performance edge platform and bypasses the need for network access, while also reducing application delivery risk, cost, and complexity. Enterprise Application Access integrates data path protection, identity and access management, application security, multi-factor authentication (MFA), single sign-on (SSO), and management visibility and control into a unified service across all application locations and types (on-premises, internet, IaaS, SaaS, etc.). The edge-delivered solution supports clientless and client-required applications with one-click integrations for Active Directory, SAML providers, CDNs, forward proxies, SIEM tools, and other infrastructures. Scaling and deploying applications across public and private infrastructures are easy with built-in high-availability capabilities, server load balancing, and automatic application routing.

## BENEFITS FOR YOUR BUSINESS

### Reduce the risk of compromise

from employees, third-party contractors, partners, and mobile users — regardless of their location — by delivering secure application access without the need for network access

### Eliminate the operational cost and risk

involved in maintaining and patching VPNs, and other appliance-based solutions, for secure application access

### Enable high performance at low cost

in a branch environment by retiring Multiprotocol Label Switching (MPLS) and using application access over the internet as transport

### Reduce technical complexity and debt

with a user/applicationcentric model for secure access, by building on the unmatched scalability of the Akamai Intelligent Edge Platform

### Accelerate the pace of mergers and acquisitions

by enabling shared access to applications, without complex or costly network consolidation or re-architecture

