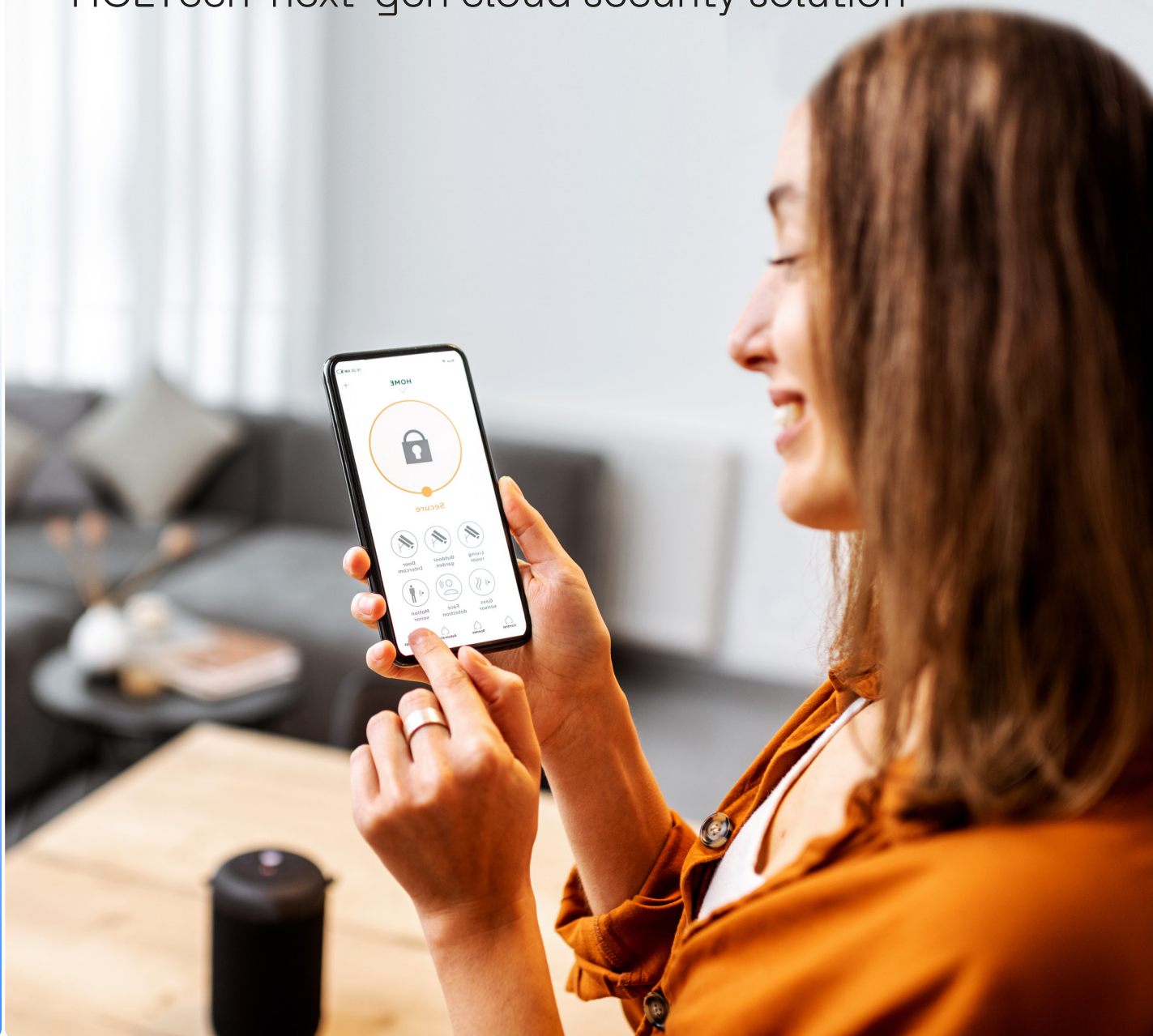


Re-imagine application security with Zscaler Private Access

Accelerate enterprise resilience with HCLTech' next-gen cloud security solution



Earlier the corporate network was relatively simple and easier to secure as the applications were confined within the organization's perimeter.

Users accessing the network were provided a secure connection through on-premises VPN solutions. However, with the introduction of the cloud, infrastructure became borderless, and the corporate network got extended to the internet.

The tables have turned today. Users can now access applications anytime, anywhere and on any device. VPNs backhaul traffic through a data center just to access cloud-based applications

This results in a poor user experience and an increase in MPLS costs. Gartner recommends that enterprises adopt a zero-trust network access (ZTNA) service



instead. Remote access VPNs met the security requirements in the network-centric world, but in the age of cloud and mobility, application access needs to be independent of the network.

Business challenges



Expensive to deploy (appliance costs) and complex to manage (operations costs)



Security vulnerabilities with traditional VPN architecture



Complex ACLs/NAC to manage access



App access requires a user to be on the network, broadening



Internal apps or VPNs are exposed to the internet—DDoS target



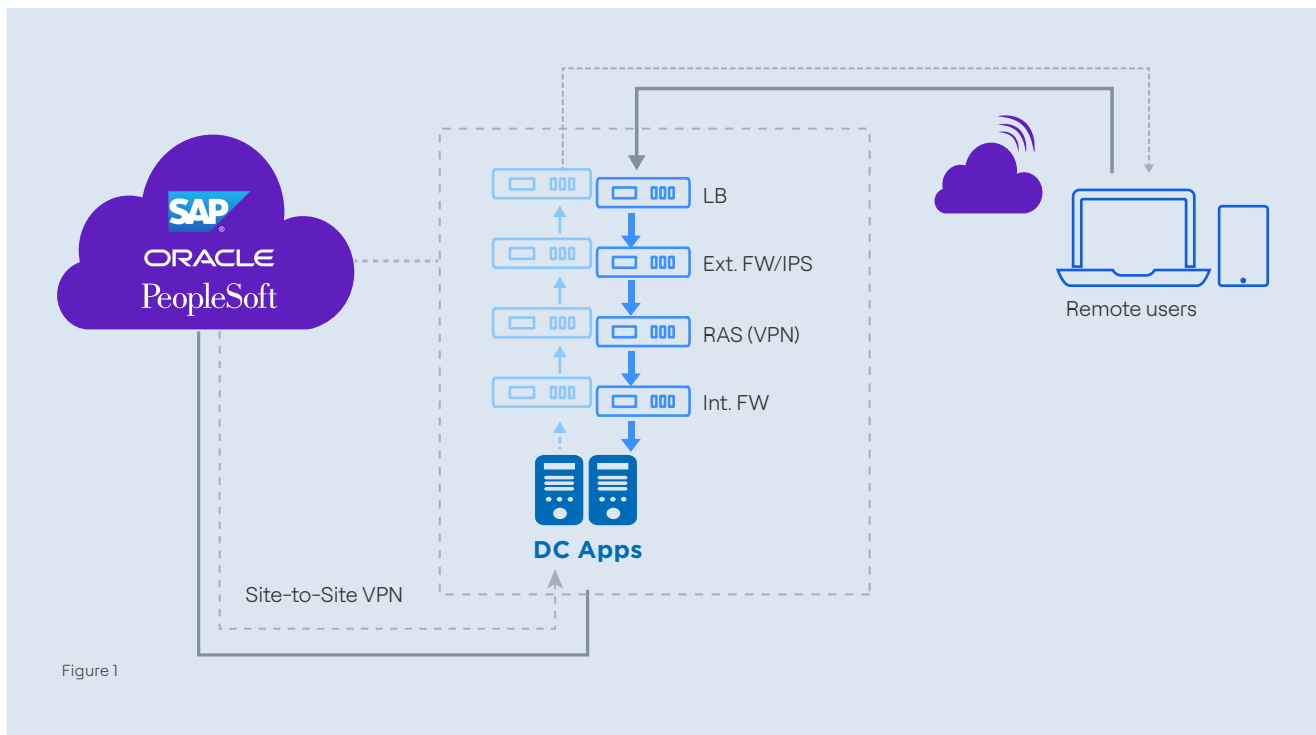
Backhaul over the internal network adds to the latency and results in a poor user experience



Users must remember to start VPN and must select a VPN gateway



Network flap requires re-login to VPN



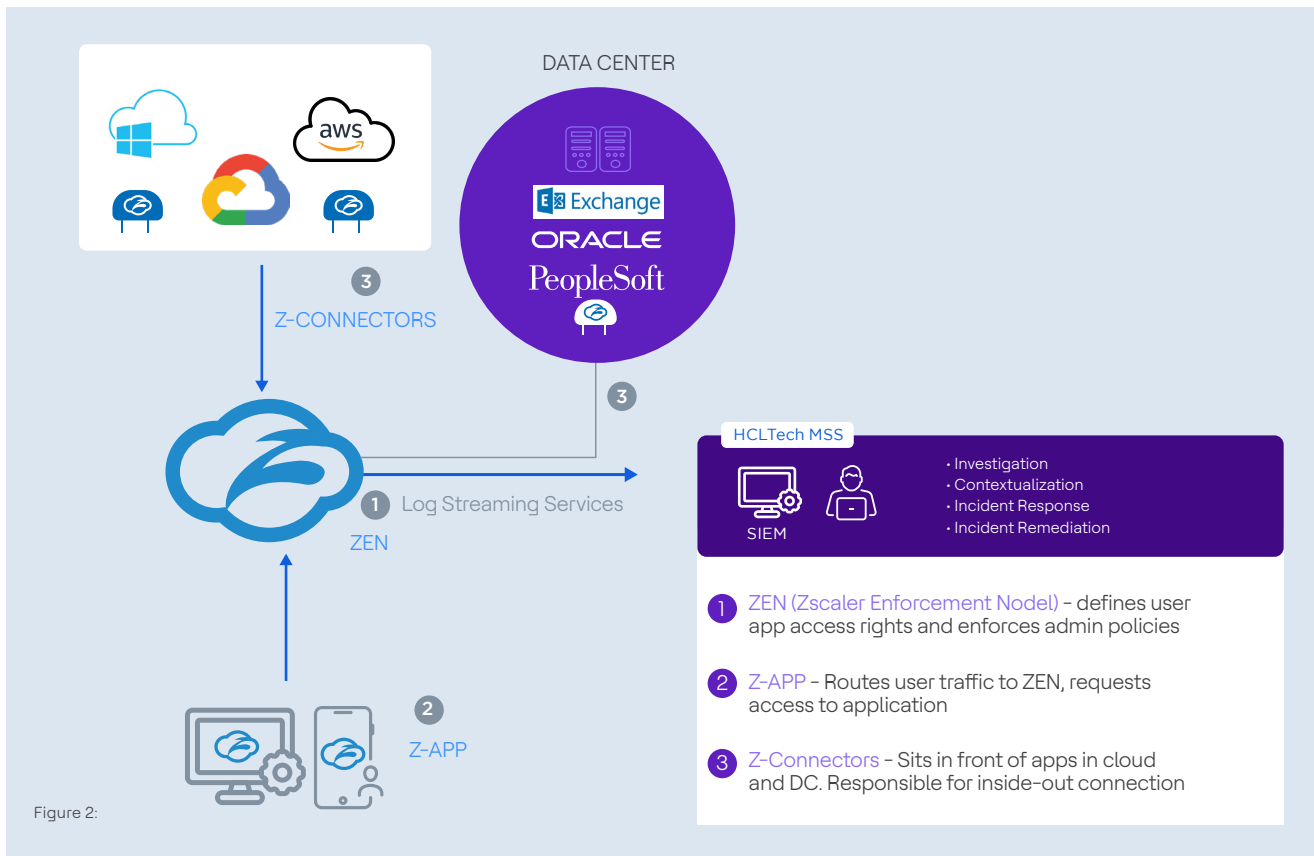
Our solution

HCLTech solution is designed on the principle that an enterprise's internal applications should be invisible to unauthorized users and not exposed to unsecured internet.

Hence, HCLTech recommends its clients have a remote access solution that utilizes a zero-trust strategy, where only authorized users can access the applications and not the complete network. This also enhances user experience as they can seamlessly access the needed applications anytime, anywhere. A software-defined solution, powered by Zscaler Private Access, facilitates such access. When an authorized user requests access to an internal application, the Zscaler policy engine enables a lightweight, application layer-based tunnel through the Zscaler cloud. This tunnel is an encrypted channel and protects the application access from any kind of man-in-the-middle attack or unauthorized access.

The solution scales on-demand to enable rapid deployment of new features (such as bandwidth control or data loss prevention) without impacting performance. The cloud firewall inspects all traffic, including SSL, with near-zero latency.

Our recommended solution provides the users with faster access to the internet and SaaS apps with next-generation protection from web and internet threats.



Solution features

Zscaler private access

Access is applicationspecific and eliminates the need to define policy by IP address or ACL

Internal applications are visible only to authorized users

Supports no user-to- network access. Users have direct access only to specific applications, each with a different micro-tunnel

Offers global visibility for users and applications that shows which users are accessing private, internal apps via a centralized ZPA user portal

Integrates with multiple identity providers for single sign-on

Available in flexible licensing models

Value delivered

Based on ZTNA (zero-trust network access) approach, the solution offers full-proof security to applications against cyber threats

Offers magnitude savings in the total cost of ownership versus traditional on-premise point products

Provides secure connectivity to users accessing applications hosted on any hybrid or multi-cloud environment.

Facilitates per-user, per-app granular access

HCLTech | Supercharging Progress™

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HCLTech is a global technology company, home to 219,000+ people across 54 countries, delivering industry-leading capabilities centered around digital, engineering and cloud, powered by a broad portfolio of technology services and products. We work with clients across all major verticals, providing industry solutions for Financial Services, Manufacturing, Life Sciences and Healthcare, Technology and Services, Telecom and Media, Retail and CPG, and Public Services. Consolidated revenues as of 12 months ending September 2022 totaled \$12.1 billion. To learn how we can supercharge progress for you, visit hcltech.com.

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