

Cloud security for SaaS applications with Zscaler Internet Access

Empower your organization's networking experience with HCLTech Technologies' next-gen solution



The continuous growth of cloud-based and mobile applications has placed data security and user experience at the forefront of forward-looking enterprises.

In this turn of events, the traditional method of backhauling internet traffic over MPLS to a centralized internet gateway is no longer enough. Simply because it is

inefficient and expensive to maintain. Businesses around the world are thus increasingly turning to SD-WAN to efficiently route local traffic.

To secure the local internet breakouts, organizations are also considering replication of the HQ internet gateway security stack at every location.

However, this often leaves organizations struggling with the cost of purchasing, configuring, managing, and maintaining such a complex branch deployment as well as security concerns.

Ergo, there is an imperative for an end-to-end cloud-based internet access gateway solution to secure local internet breakouts for branch users as well as mobile users.

Challenges in the traditional approach



Poor user experience- Backhauling traffic from multiple branches/remote locations through the legacy hub-and-spoke architecture typically creates latency in accessing the internet or cloud applications.



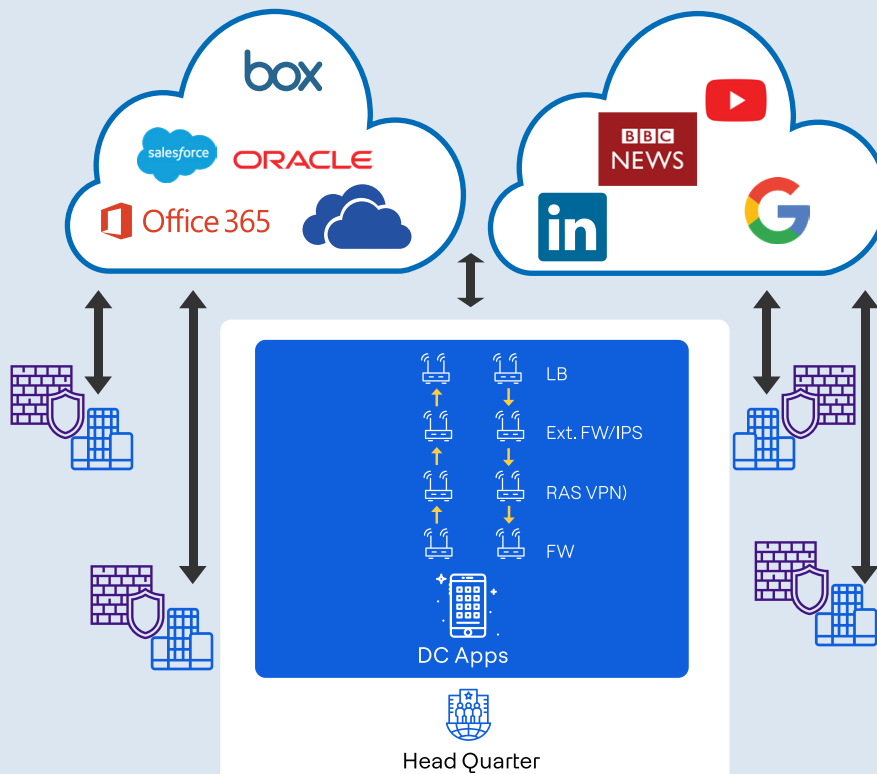
MPLS drawback- Backhauling all the traffic across MPLS can be expensive and a prolonged process.



Limitations of an appliance-based solution- Implementation and management of security appliances in each branch/location are both expensive and time-consuming. Additionally, such appliances cannot cater to the modern cloud application requirements.



Security risks - Many organizations compromise on security by deploying just URL filtering at their branches due to the cost and complexity associated with maintaining a secure internet gateway at every branch, leaving those branches vulnerable.



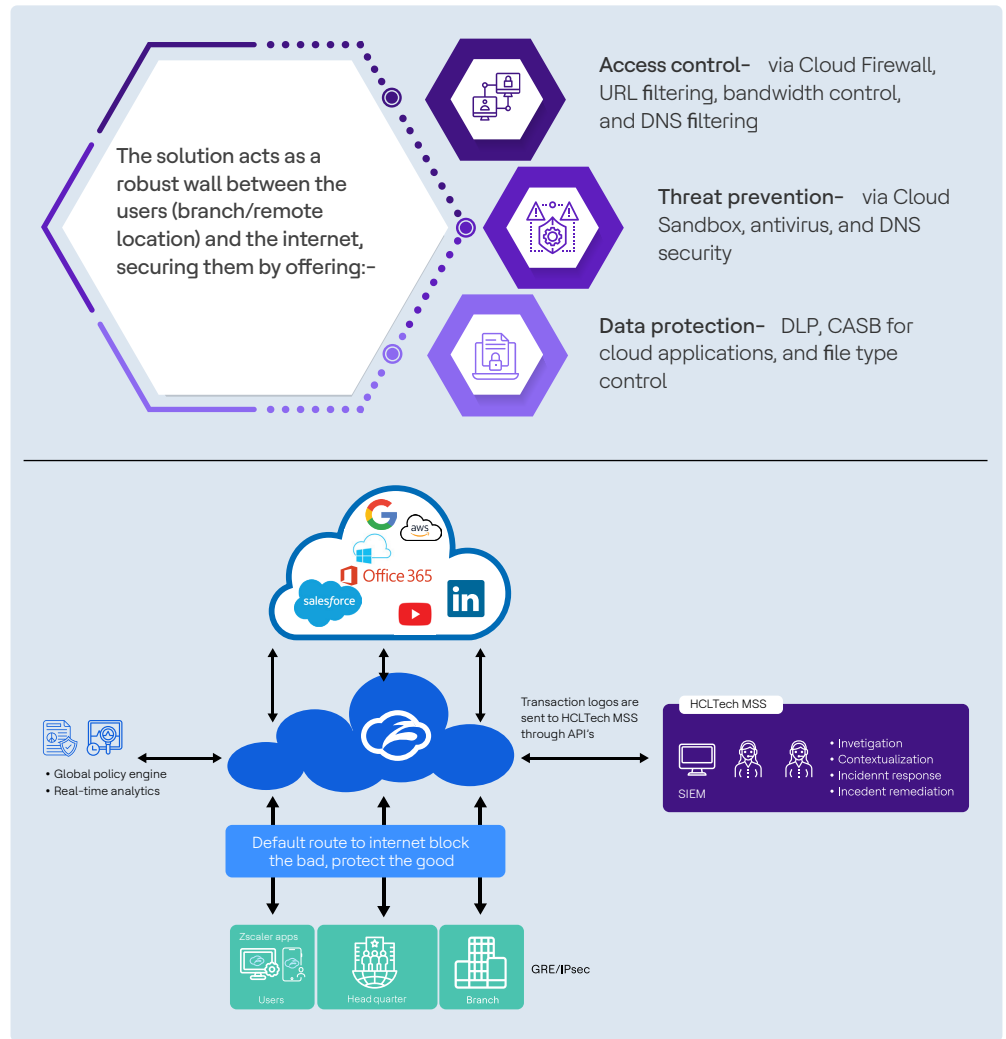
Our solution

HCLTech has partnered with one of the leading cloud security providers, Zscaler, for offering the entire outbound security stack as a cloud-delivered service in the form of ZIA (Zscaler Internet Access) to its customers shifting from traditional hub-and-spoke architecture to an agile and direct-to-internet architecture.

This brings the entire security stack closer to the user, ensuring full-proof user security anytime, anywhere

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.








Value delivered

- Elimination of branch security appliances reduces the cost involving appliances and operations
- Faster user experience facilitated by direct-to-internet architecture
- Real-time security monitoring of network traffic
- Faster user experience facilitated by direct-to-internet architecture
- Ensures proactive threat management by leveraging real-time malware and APT protection
- Reduces CAPEX by eliminating the process of buying and maintaining security devices
- Prevents data exfiltration attempts from infected devices, including internet-connected devices, with granular application controls
- Offers granular, dynamic reporting for visibility into internet usage and user behaviors

Solution features

Zscaler internet access

-  Allows inspection of all internetbound traffic in real-time
-  Enables unified policies that immediately apply to multiple branches without any additional overhead costs
-  Delivers the security stack as a cloud service eliminating the need to deploy appliance-based products
-  Provides a proxy-based architecture with native SSL inspection at scale
-  Available in flexible licensing models

HCLTech | Supercharging Progress™

BE-112A1111734745820170-EN00GL

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.

hcltech.com

