

AKAMAI PRODUCT BRIEF

Secure Internet Access Remote

Protect subscribers everywhere they roam

Organizations of all sizes face security exposure on the internet, but small and midsize businesses (SMBs) are especially challenged because they often lack security expertise and IT resources. ISPs can build on subscriber relationships and leverage the power of their networks to protect SMBs from online threats like phishing, bots, and malware.

Secure Internet Access Remote is an extension of the Akamai Secure Internet Access SMB solution that was designed expressly for ISPs to differentiate their internet access offerings. It's a lightweight, thin client for iOS and Android devices that protects subscribers on untrusted networks, like Wi-Fi, by evaluating their DNS queries to identify and block malicious activity. DNS-based web defenses offer a foundational layer of security that's agile and effective against today's fast-changing exploits.

A survey of small businesses conducted by the National Small Business Association in 2019¹ stated, "The number one overall challenge small-business owners face in their use of technology: taking appropriate security precautions." The same survey reported the average cost associated with a cyberattack, not including stolen money, was more than \$5,000. According to the SMB Group, a small business consultancy, mobile is a key enabler for SMBs, and 75% are investing in or plan to invest in mobile technologies.²

Akamai has more than 300 security experts and data scientists working to create threat intelligence. Threat feeds used by Secure Internet Access Remote are created by specialized systems that process massive volumes of live streamed DNS data (9 PB) from around the world every day. Dynamic updates ensure subscribers get up-to-the-minute protections. Providers can also incorporate local threat intelligence.

Akamai Secure Internet Access services are designed to help ISPs move beyond performance and availability, and differentiate based on security. Secure Internet Access Remote is easy for subscribers to use — it only takes a few steps to download and activate the app. Then they're always connected to an DNSI resolver, where security policies are applied. Providers can demonstrate a commitment to protecting their customers, extend the value proposition of Secure Internet Access SMB, and get on a path to generate incremental revenue.

Learn more at akamai.com

- <https://nsba.biz/wp-content/uploads/2019/06/Technology-Survey-2019.pdf>
- <https://my.visme.co/projects/31q389kx-top-10-smb-technology-trends-for-2020#s10>

SUBSCRIBER BENEFITS

-  **Enterprise-grade security** that's easy to use
-  **Automatic threat coverage** on untrusted Wi-Fi networks
-  **Continuously updated threat intelligence**
-  **Business owners and managers** can configure optional content filters
-  **Communications protected** with DNS encryption

PROVIDER BENEFITS

-  **Monetizable service** with control over business model and pricing
-  **Simple integration** and faster time to market with cloud-based solution
-  **Brandable service** reinforces security commitment
-  **Differentiation** beyond speed and reliability
-  **Available as standalone app or SDK** for integration into operator's branded mobile apps