

SPS Secure Business Cloud

Simple, agile, enterprise-grade security defenses for small and midsized businesses



Secure Business is an Akamai Security and Personalization Service (SPS) that allows ISPs to offer small and midsized businesses (SMBs) a foundational layer of web protection that complements their Internet access service. Secure Business Cloud is a managed solution that shortens the planning and integration cycle, minimizes hardware and software requirements, and reduces capital and operational investment.

Secure Business helps SMBs protect their data assets and reputations with enterprise-like defenses that are simple to deploy and manage. It's always on, blocking security threats automatically. Employees, contractors, and guests who connect to the SMB network are covered and every device is protected, including computers, phones, PoS terminals, and smart-connected "things." A user-friendly portal shows managers how they're being protected, and lets them configure optional filters to block content that's not appropriate in their workplace.

ISPs are well-positioned to address SMB security markets, which are poorly served by established vendors. Providers can build on existing relationships and target SMBs with limited IT resources and security expertise, offering web defenses that are effective and easy to use. Secure Business Cloud minimizes operational barriers so providers can enter markets quickly.

Performance and Reliability on the Akamai Intelligent Edge Platform

Secure Business Cloud is powered by reliable, high-performance DNS resolvers that run on the Akamai Intelligent Edge Platform. This network delivers more than 4 billion transactions per day for enterprises and service providers globally, backed with a 24/7 NOCC and an SLA for DNS resolution availability and response time.

KEY FEATURES

- **Cloud-based solution** simplifies deployment and minimizes investment
- **Automated service management** reduces ongoing operational overhead
- **APIs and admin portal** enable control over branding and user experience
- **Compelling SMB value prop** constantly reinforced with a portal showing threats deterred
- **Continuously updated threat intelligence** protects against today's agile threats

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Provider-managed infrastructure

- Provisioning
- Akamai IP tracking, AAA/DHCP
- Admin console

Akamai-managed infrastructure

- High-performance DNS resolution
- Dynamic threat protection
- Service personalization
- Threat and Internet activity visibility

SMB subscribers



Akamai offers additional infrastructure to support:

- Proxies with URL-level visibility for more comprehensive threat defenses and content filtering
- Collection of data from resolvers and proxies to generate per-subscriber reports
- Distribution of policies used to enable service personalization (acceptable use policies)
- Dynamic threat feeds offering defense in depth against a broad range of exploits
- Operator portal with dashboards showing overall status and system health
- SMB portal for customizing the service and seeing visual threat and activity status

Providers can integrate Secure Business with their provisioning systems, implement an IP address tracking mechanism, and deploy a server to support an administrative console.

Data Science Drives Essential Threat Insights

Secure Business is updated continuously with the latest threat intelligence based on expert analysis of more than 100 billion DNS transactions live streamed daily from providers around the world. Evaluating live DNS data can make security research more responsive in a world where threats continuously change their complexion to evade defenses.

Evaluating live DNS data – more than 100 billion daily transactions – can make security research more responsive to ever-changing threats.

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Data scientists, security researchers, and other staff contribute to the operation and enhancement of specialized algorithms and other functions to support automated, anomaly-based analysis. Updates covering newly validated threats are immediately distributed so businesses everywhere always have the latest defenses.

Business Owners See the Value of the Service

A simple graphical portal shows a live display of threat activity and all devices accessing an SMB network at any given time. SMB managers have the option to establish acceptable use policies (AUPs) to match their business needs, preferences, and values. They can set schedules when certain kinds of websites, like social media, can be accessed and light, medium, or strict content filtering settings can be chosen with a single click. Akamai maintains a database with millions of URLs that is continually updated to ensure new sites are appropriately categorized and automatically blocked.

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Simple Service Management

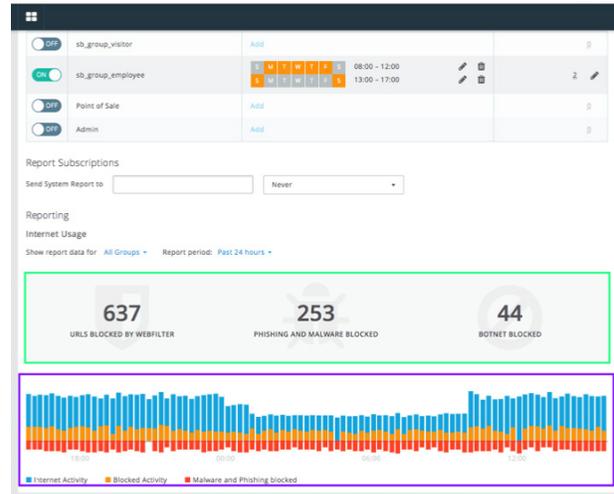
A Service Engagement Dashboard gives service managers one place to view overall Secure Business service activity. They can quickly assess status and generate reports covering service adoption, web filtering trends, and security threats that have been deterred.



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A Subscriber Management Dashboard allows provider customer service representatives (CSRs) to search for a Secure Business/Consumer subscriber and see how they have set up the service. Basic account information is presented along with profiles and schedules that have been configured. CSRs can easily change settings on behalf of the subscriber, such as assisting with the creation of Secure Business custom block pages, improving the subscriber experience. Internet activity trend reports and block counters are also displayed.



Akamai secures and delivers digital experiences for the world's largest companies. Akamai's intelligent edge platform surrounds everything, from the enterprise to the cloud, so customers and their businesses can be fast, smart, and secure. Top brands globally rely on Akamai to help them realize competitive advantage through agile solutions that extend the power of their multi-cloud architectures. Akamai keeps decisions, apps, and experiences closer to users than anyone – and attacks and threats far away. Akamai's portfolio of edge security, web and mobile performance, enterprise access, and video delivery solutions is supported by unmatched customer service, analytics, and 24/7/365 monitoring. To learn why the world's top brands trust Akamai, visit www.akamai.com, blogs.akamai.com, or [@Akamai](https://twitter.com/Akamai) on Twitter. You can find our global contact information at www.akamai.com/locations. Published 06/19.