

# SPS Secure IoT

## Private Networks for Secure IoT



With no cost-effective and on-demand way to establish a secure Internet of Things (IoT) network, enterprises are forced to use public internet networks. This creates an unnecessary exposure to security threats. Akamai provides intelligent network services, eliminating the guesswork to secure IoT connectivity.

## Overview

SPS Secure IoT is a self-managed connectivity service that allows companies to securely connect, manage, and control communications between devices at the IoT edge and application services in the cloud and/or on-premises. SPS Secure IoT creates a secure and managed private network that is isolated from the public internet. The built-in provisioning and automation features reduce the time to develop and deploy IoT projects at scale.

## Business Challenge

IoT cellular connectivity has evolved from point-to-point communications into complex ecosystems composed of multiple devices and services. However, IoT deployment security hasn't kept up with the pace of innovation in solutions, leaving millions of devices compromised on public networks connected to the internet.

## Enterprise Features and Benefits

SPS Secure IoT provides an enterprise-grade connection that bypasses the public internet, helping to reduce the end customer's exposure to potential cyberthreats. SPS Secure IoT enables end customers to provision in real time their unique secure network requirements, enabling faster and secure rollout of IoT.

**Seamless cloud connectivity:** Minimize the software required on the IoT edge, enabling the faster rollout of IoT edge applications.

**Enterprise grade solution:** All the benefits of a tier 1 private APN, without the complexity of planning, building, and managing one. Within minutes, enterprises can securely connect their IoT devices to cloud platforms and/or on-premises servers.

## BENEFITS FOR YOUR BUSINESS

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**Efficiency:** SPS Secure IoT is a flexible and robust solution that can be deployed with a reduced development effort and delivers operational efficiencies to IoT projects
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**Simplicity:** SPS Secure IoT removes the need for customers to plan, build, and maintain their own APN
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**Cost-efficient solution:** There are no upfront costs and the solution starts delivering benefits to the customer from day one
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**Quicker time to market:** SPS Secure IoT provisioning and automation reduces time for customers to develop and deploy IoT projects at scale

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**Secure networking:** Authorize devices and traffic profiles permitted in the network with real-time security policies and the ability to block unwanted traffic. Network-based security policies minimize the risk of cyberattacks from day one.

**Insights and reports:** Control costs through powerful insights and reports. Create usage and anomaly alerting to prevent outages and overages. Full visibility of data usage patterns, with automated alerts, notifications, and cut-off policies.

**Scale on demand:** SPS Secure IoT provides a scaled pool of private static IP addresses making it easy to add new devices on demand. Customers have the flexibility to route traffic as their needs evolve without impacting their operations.

**Akamai Security and Personalization Services** are designed to help MSPs and MNOs move beyond performance and availability and differentiate based on security. SPS Secure IoT is a solution that makes secure cellular connectivity for IoT simple. It makes it possible for providers to deliver IoT solutions to customers faster, with reduced development effort, and, above all, secure. For the customer, SPS Secure IoT brings operational efficiencies and lowers the total cost of ownership of IoT projects.

To learn more, contact your Akamai representative or visit the [Security and Personalization Services page](#).



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](http://www.akamai.com), [blogs.akamai.com](http://blogs.akamai.com), or [@Akamai](#) on Twitter. You can find our global contact information at [www.akamai.com/locations](http://www.akamai.com/locations). Published 04/21.