

Secure IoT connections now available on demand

Solution brief

Asavie IoT Connect helps reduce exposure to threats by using private networks to bypass the public internet.

It can be challenging to manage and secure remote sites and remotely deployed devices over extended periods of time. With Asavie® IoT Connect, you can simply, safely and cost-effectively achieve private network connectivity on demand to support your Internet of Things (IoT) needs.

The solution delivers a direct, enterprise-grade connection that bypasses public internet, which can help reduce exposure to cyberthreats. You'll gain full control over—and near real-time visibility into—device and site connectivity, as well as IoT data usage across the organization. The solution also offers an intuitive self-service web portal that allows you to easily manage IoT device communications and updates without the need for IT support.

Solution overview

Using Asavie IoT Connect, you'll get a secure private network service managed and maintained by Asavie that simplifies connecting cellular devices on-premises and in the cloud. With limited up-front costs and no network infrastructure requirements, the solution lets you quickly connect devices to where you need. It offers greater visibility and insights into your IoT communications with near real-time and historical reporting, giving you a better understanding of performance.

The solution's web-based portal provides near real-time control over your device connectivity, so you can create and deploy easy-to-manage security policies as required. Asavie IoT Connect has the flexibility to adapt to the network at any time, so you can easily scale and add new IoT devices and locations as needed.

Solution benefits

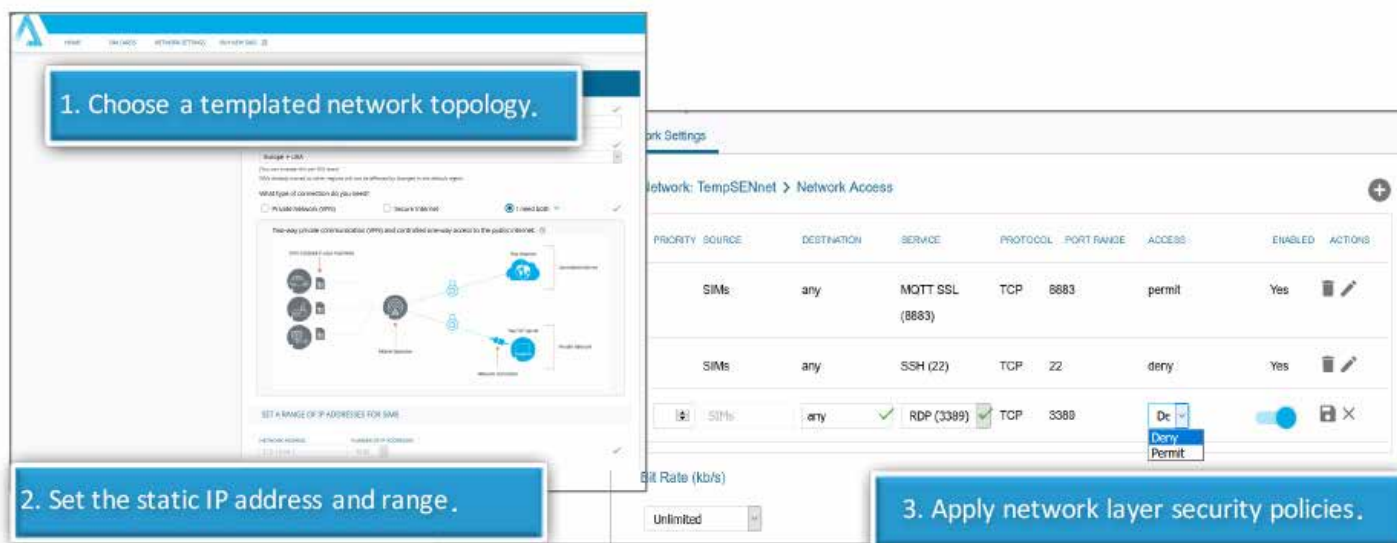
When you add Asavie IoT Connect to your operations, you'll get:

- A secure and managed private network that's separate from the public internet, so IoT devices and sites are protected from potential threats

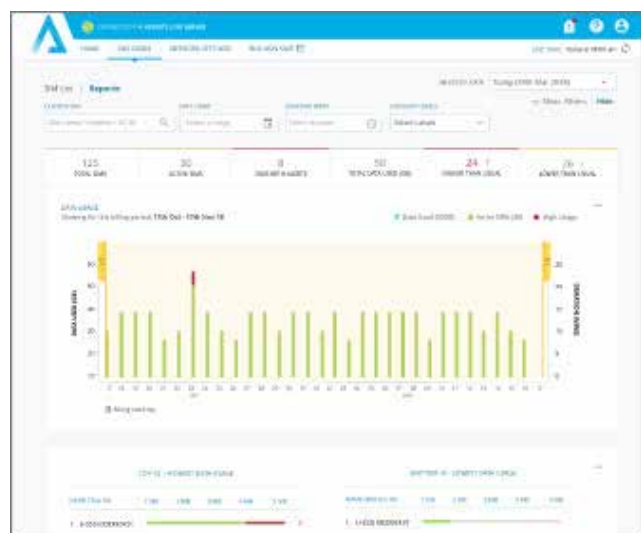
- Faster time to deployment, with assisted support to add new IoT devices and migrate existing ones to the service
- Scalability that allows you to easily add new devices as the business grows, without needing to reengineer the network and security posture
- Greater control over devices by setting an upper limit to the amount of data a device can consume and receiving notification alerts whenever consumption exceeds that amount
- A service model that helps reduce the time and effort needed to manage ongoing connectivity for large-scale IoT device deployments

Solution features

- **Private connectivity.** Creates a wireless private network that allows SIM-enabled devices to send data to the cloud or maintain it on-premises
 - It also includes additional traffic encryption in the network, which helps reduce the software needed on devices
- **Cloud connections.** Automate the enrollment and management of IoT devices connecting to public cloud services
- **Security policies.** Deliver near real-time security management tools using the self-service portal
 - The portal lets you block unwanted data flows by IP access lists and control access to public domains using domain-name-server whitelists
- **Remote access.** Allows you to connect to and manage IoT devices deployed across all remote sites
- **Reports.** Give you near real-time visibility into device usage by generating per-device, per-session reports
- **Actioned insights.** Allow you to establish data alert settings and notifications for each device, with automated cutoffs for violations



Within minutes, customers can easily and securely connect IoT devices to the cloud or to on-premises servers.



Web-based user portal

Intuitive wizard and setup guides, as well as a dashboard with relevant insights for ease of use and understanding

Subscription-managed connectivity that's easy to set up and use

Asavie IoT Connect does all the heavy lifting for you. It comes enterprise ready out of the gate, so you can reap the benefits of device authentication and authorization on the network right away. You'll get highly available links with network redundancy plus near real-time monitoring and reports—all without the hassle of doing it yourself.

The solution is offered as a managed service, which means it's backed by a dedicated support team to help you get things up and going 24/7/365 by Asavie. And you'll be protected from the start by security features and the ability to limit device communications to essential IoT services. Plus, you get complete visibility and control into your devices, so you can see every byte of data sent, along with near real-time alerts and the blocking of unwanted data.

Learn more:

Help protect against cyberthreats by using a secure, self-service, direct private network connection for your IoT devices managed by Asavie IoT Connect.

[Learn more about secure IoT connections >](#)

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