Secure IoT connections now available on demand

When you use Asavie IoT Connect to connect IoT devices and bypass the public internet, you’re ready.

The capabilities of the internet allow you to bring remote sites and remotely deployed devices online quickly and easily. The challenge comes from maintaining security and managing these sites and devices over extended periods of time. Setting up and running a secure network for the Internet of Things (IoT) can be expensive and complex, and require significant resources to maintain over the lifetime of its deployment.

Asavie IoT Connect® helps you solve this issue by providing private network connectivity on demand for remote sites and IoT devices. Now you can get a direct, enterprise-grade connection that bypasses the public internet, helping to reduce exposure to possible 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 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 re-engineer 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 overview

Using Asavie IoT Connect, you’ll get a secure private network service that’s managed and maintained by Asavie, that simplifies connecting cellular devices on premise and/or the cloud. With limited upfront costs and no network infrastructure requirements, it 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 the network at any time, so you can easily scale and add new IoT devices and locations as needed.

Solution features

- **Private connectivity.** Creates a wireless private network that allows SIM-enabled devices to send data to the cloud or maintain it on premise
  - It also includes additional traffic encryption in the network, which helps reduce the software needed on devices
- **Cloud connections.** Automates the enrollment and management of IoT devices connecting to public cloud services
- **Security policies.** Delivers 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.** Gives you near real-time visibility into device usage by generating per-device, per-session reports
- **Actioned insights.** Allows 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 and/or to on-premises servers.

**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. And you'll be protected from the start, with 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.

**With Verizon and Asavie, you're ready.**

For more information about how Asavie IoT Connect helps you stay ready by making it easier to connect and secure remote locations and IoT devices, please contact your Verizon Wireless business specialist.