AWS IoT For Connected Home

As the use of connected home devices continues to grow, more and more data is being pushed to the cloud, where the latest IoT and machine learning technologies are enabling new innovations in connected home applications.

AWS IoT makes it easy for you to build scalable IoT applications that collect, process, analyze, and act on data generated by connected home devices without having to manage any infrastructure. This helps you focus on building solutions and experiences that deliver value to both your businesses and your consumers and create a new class of connected home applications that interact with the physical world.

IoT for Connected Home Use Cases

1.Home Automation & Voice Enablement

Using AWS IoT, you can enable any device to connect to the Internet and perform a desired action quickly, reliably, and easily. These devices can work alone or together with other devices or hubs for an integrated smart home experience. Additionally, devices can also benefit from using voice services like Alexa for a seamless customer experience.

2.Home Security & Monitoring

Devices like door locks, security cameras, and water leak detectors built with AWS IoT can use machine learning to automatically detect threats, take action, and send alerts to home owners. AWS IoT enables devices to run with low-latency and compute data locally, without internet connectivity.

3.Home Network Management

Network operators are looking for new ways to help customers quickly discover, troubleshoot, and fix home network issues including Wi-Fi and cable TV connectivity. AWS IoT enabled set-top boxes can automatically log network diagnostics and send to the customer service center proactively or allow customers to monitor and troubleshoot their network health through a mobile app.