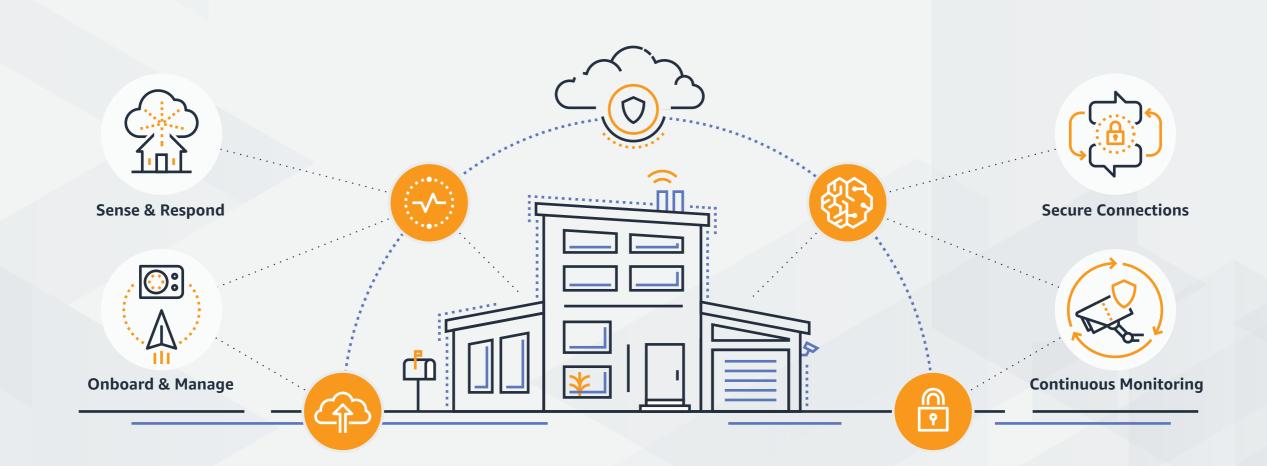
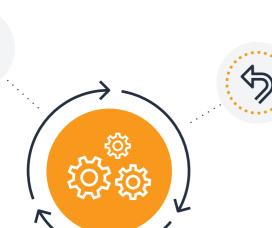
Connected Homes with AWS IoT: **Home Security & Monitoring**





With 940M smart home devices expected to be shipped worldwide by 2022, the connected home market is booming. AWS IoT's suite of software and services helps protect data, devices, and consumers, bringing home security & monitoring to the cutting edge.





Consumer needs:

Quick response time and advanced machine learning at the edge that provides accurate and continuous home protection.

Homes That Take Care of Consumers

Home security & monitoring have become essential household technologies, expanding what devices can do to keep people energy-conscious and safe.



AWS IoT Products

By considering a diverse range of devices and enabling capabilities such as device-based machine learning or cloud-based management and analytics, AWS IoT offers a holistic approach to creating home security and monitoring products and services.



FreeRTOS:

Operating

system for

microcontrollers





Gateway to bring

cloud capabilities

to the edge

Secure device connectivity and messaging

AWS IoT Core:



AWS IoT Device Management: Fleet onboarding, management, and software updates



Defender: Fleet audit and protection

AWS IoT Device



AWS IoT

Analytics: Data

analytics and

intelligence

our customers build more innovative and advanced products with impactful capabilities.

Machine learning inference

Through the IoT suite, AWS unites the cloud and the edge to help

Innovating Home Security & Monitoring



on to the device

Trains models in the

cloud to be deployed



connection

inference models

without a direct cloud



Lets connected devices

operate without a

cloud connection



Synchronizes data

once connections are

restored for seamless

communication and improved user experience

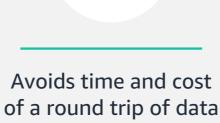
Anomaly detection



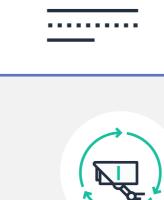
Quick response time



AWS Home Security in Action



to the cloud



Monitors incoming

device data and

compares against

set policies

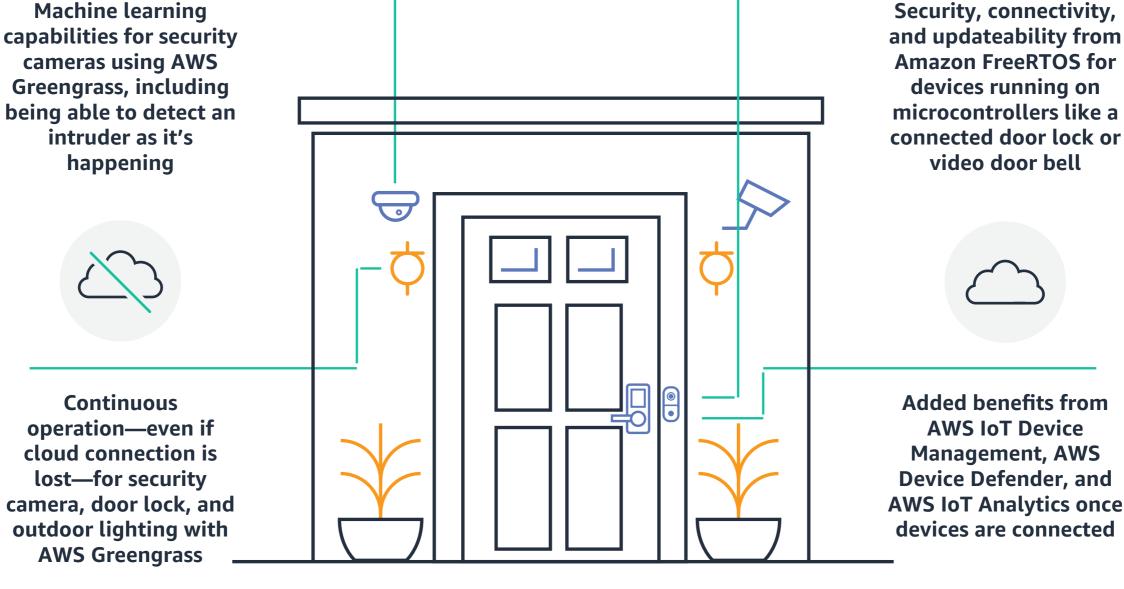


Detects anomalies in

device behavior, and

allows you to isolate

compromised devices



camera, door lock, and outdoor lighting with

> Learn more about Home Security & Monitoring with IoT

AWS IoT gives you the tools to build responsive, secure, and intelligent

devices that get better with time and improve consumers' lives.