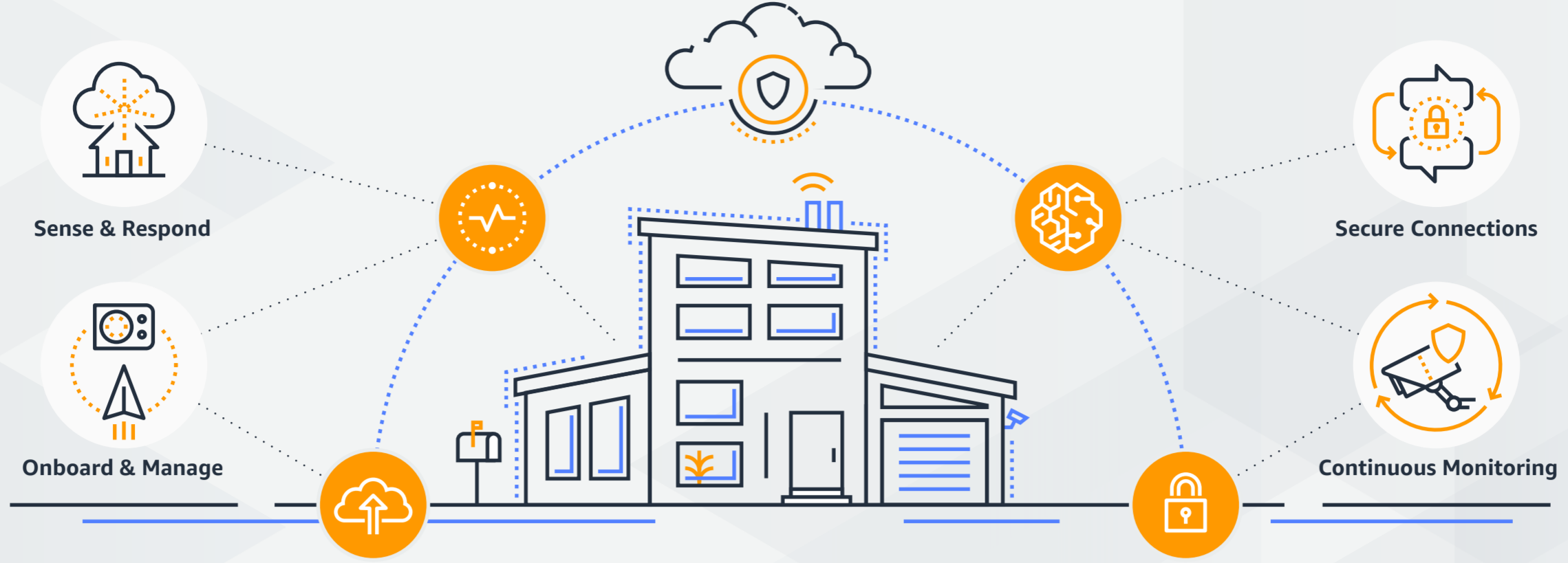
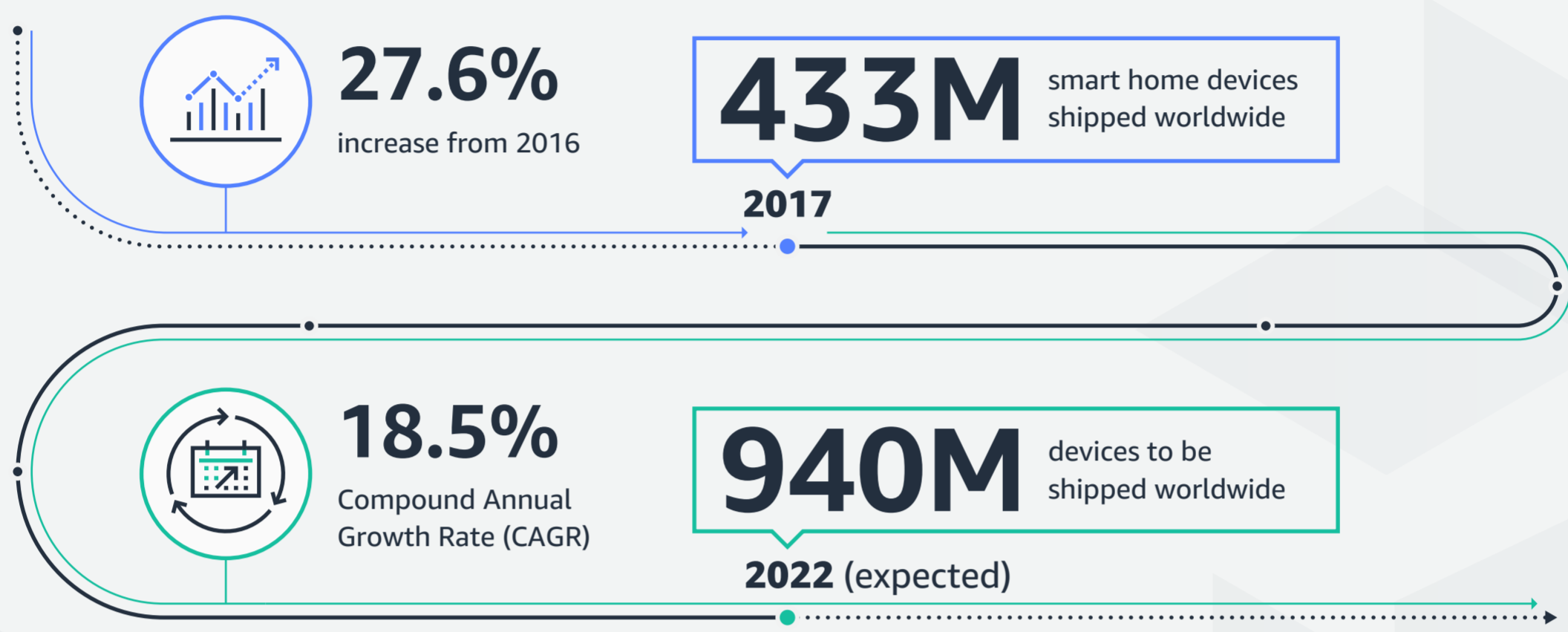


Home of the Future: Building a Connected Home with AWS IoT



Smart homes improve our quality of life, and AWS IoT provides a suite of software and services that advance how we interact with groundbreaking connected home devices across various use cases including home automation, home security & monitoring, and network management.

Market Ripe for Disruption



How Does AWS IoT Help Build Connected Homes?

Home Automation

Ranging from virtual home assistants such as Alexa to smart lighting, AWS IoT supports responsive and scalable communication for all devices.

Consumer needs: Integrated devices that respond to commands quickly and accurately, with or without stable cloud connection

AWS IoT innovations:

- Built-in, reliable connectivity
- Near-real time, local, and offline communication
- Device security via end-to-end encryption
- Over-the-air security updates and bug fixes

Home Security & Monitoring

Across home surveillance, energy management, and more, AWS IoT helps protect data, devices, and the planet.

Consumer needs: Quick response time and machine learning at the edge that provides accurate and continuous home protection

AWS IoT innovations:

- Valuable information stored in the AWS IoT cloud for further processing
- Powerful machine learning capabilities within the device
- Offline communication and local actions
- Quick response time without cloud data routing

Home Networking

AWS IoT mitigates operational challenges by improving performance and customer support and addressing the needs of consumers and service providers.

Consumer needs: Reliable service and network performance with stress-free troubleshooting

AWS IoT innovations:

- Easy, proactive network diagnosis within the device itself
- Data-driven insights for maintenance and proactive solutions
- Reliable error logging to encourage preventive action
- Easy certificate management and software updates

Learn More About AWS IoT Key Benefits

AWS IoT capabilities extend across a variety of devices for the connected home, bringing data and machine learning to life.

Sense and respond with reliable cloud connection

Keep data synced, both online and offline

Easily onboard, manage, and update devices remotely

Ensure secure device connections and messaging

Maintain device security through continuous policy monitoring

Optimize data analysis with machine learning, both at the edge and in the cloud

AWS IoT brings innovation to smart home products & services, ensuring devices are optimized for performance, improving over time.

Learn more about AWS IoT

aws.amazon.com/iot/connected-home/

Sources:

- Gartner, "8.4 Billion Connected 'Things' Will Be in Use in 2017, Up 31 Percent from 2016," Feb. 7, 2017
- IDC, "New IDC Smart Home Device Tracker Forecasts Solid Growth for Connected Devices in Key Smart Home Categories," Mar. 29, 2018