

Infogain Enables Voice-Based IoT Interactions for Luxury Kitchen and Bath Product Company

Our client is a household name in the US and global leader best known for plumbing products, faucets, sinks and fixtures. Its kitchen and bathroom products are synonymous with luxury, innovation and aesthetic design.

Challenges

- Client wanted to reimagine their brand product portfolio as modern, smart and connected
- Client wanted to give their customers voice capabilities to:
 - turn water on and off; control water temperatures and showerheads; and drain water in bathrooms
 - dispense exact volume of water from kitchen water dispenser
 - trigger music and lighting by simple voice commands
- Client wanted integration and control of kitchen and bath products connected to Amazon Alexa and Google Home services

Solutions

- Designed and developed "skill" available from Amazon or Google app stores, then authenticated via client's Azure IoT B2C
- Integrated Amazon Alexa and Google Assistant Home services within the client's Azure IoT enabled product platform
- Conducted comprehensive manual testing that involved commands with multiple voice types, modulations, speed, etc.
- Automated test scripts for consistency and reliability
- Provided an intuitive registration experience via mobile app with wizard-based workflow for registration and authentication process

Benefits

- Enabled client satisfaction and convenience by introducing Amazon Alexa and Google Home integrations
- Provided competitive advantage with IoT voice activated products
- Innovation Award honoree at CES 2018 in the Smart Home category

Case Study

Business Impact Delivered



Technologies Used



Team Members

