



Infogain Leverages Azure IoT & Cloud Platforms to Transform Luxury Kitchen and Bath Product Company into a Smart Home Leader

Infogain helped establish our client in this space and win awards.

Client Background

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.

Business & Technical Challenges

Our client is known for giving their customers innovative and engaging user experiences. They considered the Internet of Things (IoT) a major disruptor and wanted to surge past the competition by reimagining their product portfolio as smart and connected. Other challenges:

- Lacked a connection between their products to Amazon Alexa and Google Home
- Lacked a mobile app that could control multiple products
- Wanted an IT partner with IoT platform design, mobile app development, analytics, cloud, AI, and ML expertise

Infogain Solutions

Infogain built a connected IoT cloud platform using Microsoft Azure IoT Suite and AI solutions. The connect platform included smart home products such as a connected bathroom suite, digital showering system, intelligent toilet, smart kitchen faucet, voice controlled lighted mirror and more. Our scope of services included:

- Azure App Service, Micro Services, Containers, Machine Learning (ML), Cognitive Services, Azure IoT Hub, Azure Device Provisioning services, Azure Stream Analytics
- Designed and developed a "skill" that could be downloaded from the Alexa and Google home app stores
- Developed mobile applications for iOS and Android with modern, feature rich user interfaces
- Extended the IoT enabled platform to Microsoft's IoT reference architecture for device connectivity, data processing; and connected and management apps
- Powered web + mobile apps and conversational systems to control multiple products
- Provided a multi-layered security mode to protect data and application from malicious access

Business
impact
delivered



Cost



Revenue



Speed-to-Value



Risk



Innovation

Infogain Edge

Infogain provides Azure App Engineering services to build modern applications, modernize existing applications or to migrate applications to Azure Cloud. Our services achieve optimal cloud adoption benefits for applications based on business criticality, complexity, and cloud suitability of apps.

Key Benefits

The client received these key benefits from the solutions developed by Infogain:

- Revenue growth with expansion portfolio of connected products
- Competitive edge with innovative and quality 'smart products'
- Reputation as an Industry leader that delivers engaging, personalized experiences to disrupt the kitchen and bath market globally
- Enhanced customer experience with personalized interactions with Amazon Alexa and Google Home
- Established client in home luxury segment with CES Innovation awards and showcased as premier IoT case study by Microsoft

Why Infogain

Infogain brings the following strengths to each MS Azure IoT engagement:

- Experienced Azure team of architects and developers
- Proven track record of delivering measurable results while mitigating cost and risk
- Cloud transformation framework sets the industry standard for seamless and assured modernization to the cloud
- Cost-effective global delivery model