

# Infogain Develops Mobile, iOS Web Application & IoT Module that Monitors Bar Inventory in Real Time with MS Azure

Our client is a US start-up hospitality company that has pioneered draft beverage management and quality control for bars and breweries.

## Challenges

- Bars lose billions of dollars annually due to free drinks, over pouring and theft, with 70% of inventory losses at retail value and 30% at customer cost.
- The client wanted a solution that would help bar owners manage bottle inventory in real time.
- The client's existing "sensing mat" hardware, lacked mobile and web apps to track inventory, prepare shrinkage reports and monitor profits.
- The client wanted Customer Relationship Management Software (CRM) to manage leads, prospects and customers
- The client plans to offer the apps to their customers on a subscription basis.

## Solutions

- Developed iOS mobile application for restaurant/bar owners to track bottle usage via dashboard that provides notifications and inventory management.
- Developed Customer Relationship Management (CRM) software based on industry requirements for lead and customer modules.
- Developed web application in Azure Cloud for administration and management of operations, dashboard, and integrations with Quickbooks and POS.
- Developed Client Data Collection (CDC) IoT module for real-time tracking of liquor inventory, optimized processes including core operations and tasks that are sent to the cloud.

## Benefits

- Innovative client solution with data driven software solution currently not in the market
- Increased revenues with offering subscriptions to customers
- Bottle shrinkage reduced by 20% for industry customers
- Reduced costs annually by monitoring for overpours and theft

## Case Study

### Business Impact Delivered



Revenue



Cost



Speed-to-Market



Risk



Innovation

### Technologies Used



IOT PLATFORM  
Azure IoT Hub



APPLICATION  
RESTful API



CLOUD  
MS Azure Cloud



SENSING MAT  
MS Azure IoT Device

### Team Members



Project  
Manager



Business  
Analyst



UI  
Designer



Sr. Developer