



# CASE STUDY

## Smart Lighting Control & Automation Application for an Internet of Things (IoT) Solutions Company







# Overview

The client focuses on helping the customers reach long-range sustainability goals while saving money and increasing efficiency. With the sensor and analytics platform, they provide smart energy solutions for commercial environments, saving customers up to 90% in energy costs while improving the comfort of workspaces and the efficiency of the people who work in them.



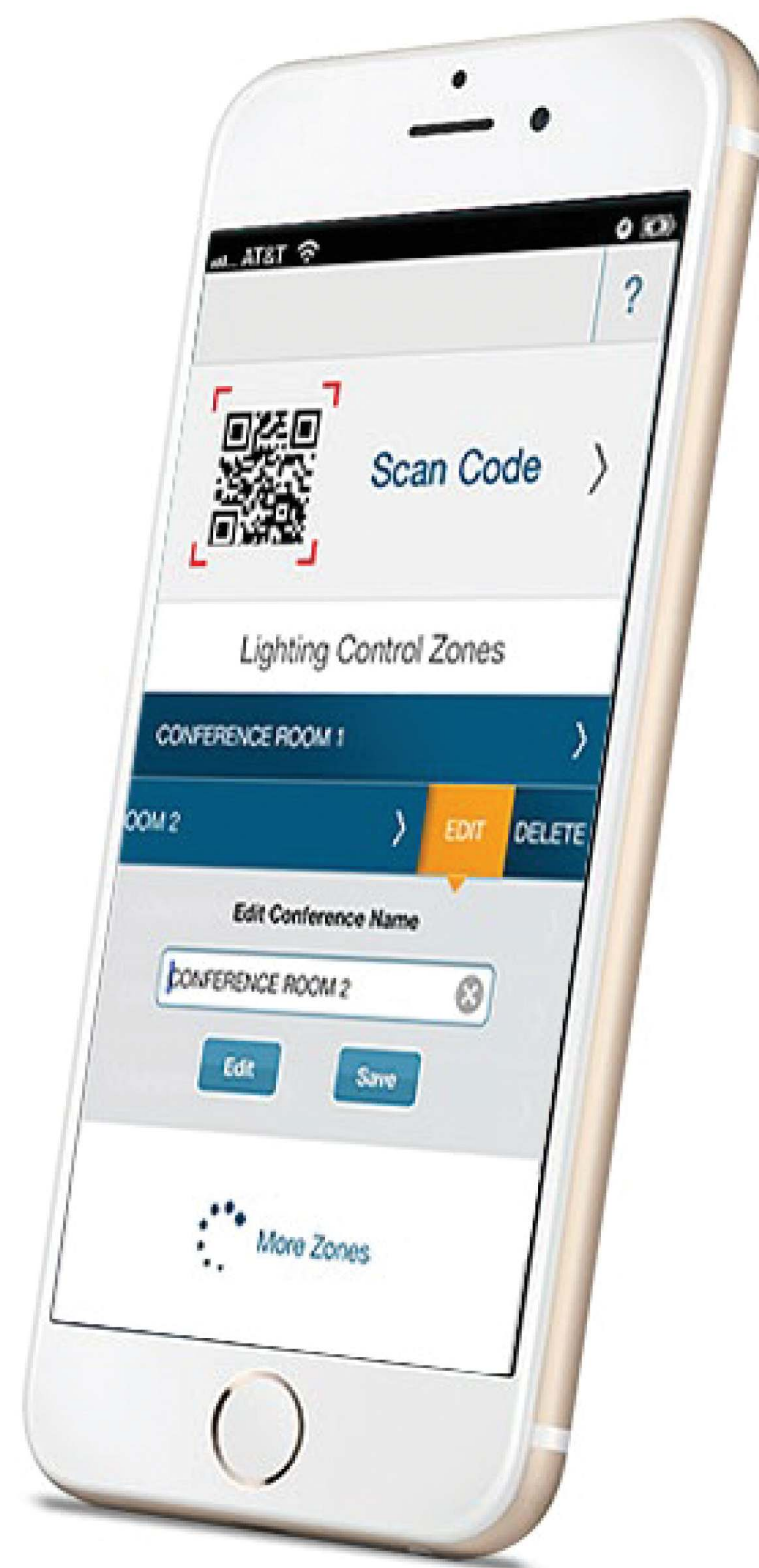


# Business Challenge

The client is one of the eminent IoT solution based company that was in a dire need of a high-end technology application to administer solutions for smart sensors, gateways, room controllers and energy managers.

## Solution Devised

- ⦿ A custom and complex design was made for the home page and managed for iOS.
- ⦿ A third party API was used to design the controller screen and changes were made to create bonds of slider and auto functionality.
- ⦿ Creating & Managing Database: A strategy was made for creating a database, as no documents were provided before the start of the app development. Hence, the database was created following a vigorous research work based on similar templates.
- ⦿ A proper analysis was made for the new design changes & attention was paid to provide improvement for the functionality of the same.





# Infrastructure, Platform and Resources

- Aim of the project was to provide high level graphic designs app which will look exquisite. Other requirements of the app were to make it cross platform which could run on platforms like iPhone, iPad and Android.
- Device Optimization: Galaxy S II/III/IV, Nexus 4 and 7, HTC One, Droid Razor

## Value Delivered

The app has been designed to provide efficient energy solutions for commercial environments. The basic idea of the application is all about user engagement and catering to the visual aesthetics of a user preference. The application is highly acknowledged and appreciated due to its appealing patterns and systematic functionality that helps to improve lighting efficiency, productivity as well as profitability enterprise-wide. We have incorporated various levels of design ingenuity to develop a future driven app that ushers in the era of Internet of things and provide a gateway towards efficient energy.

