

## Customer

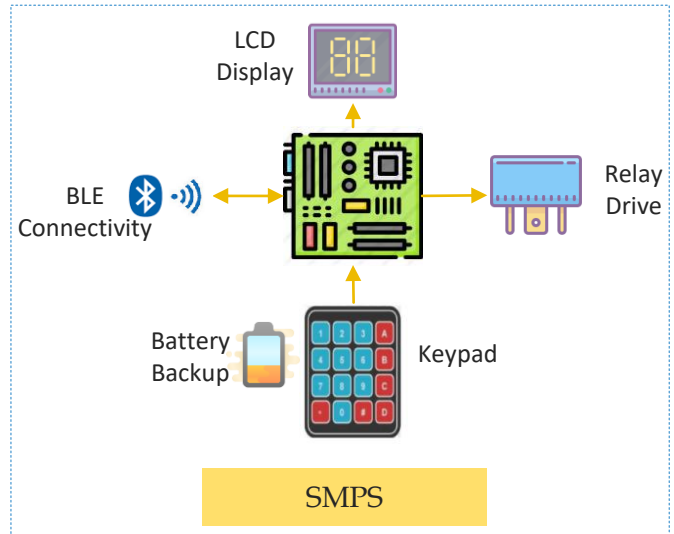
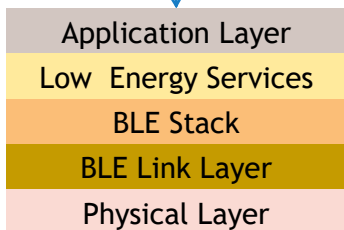
US based Home Security Solutions Company

## Overview

Design & Development of Mobile App & Embedded System for Wireless Configuration & Control of Smart Electronic Locks

## Requirements

- Android mobile app to configure electronic lockset through Bluetooth connection.
- Embedded system for lockset configuration
- BLE based connectivity for wireless communication between app & lock
- User Management, Audit Trail & Data Logging
- Highly secure system and communication



## Solution

- Android based mobile App
- STM32 ARM MCU based low power SoC Embedded Control System
- BLE Chipset for Wireless Communication
- Wi-Fi network ready for cloud connectivity
- Embedded AES-256/128 Hardware Crypto
- SQLite/Core Data database

## Benefits

- Wireless Lockset Configuration through mobile app
- User based grouping, access control, and management
- Audit Trail and Logging
- Schedule Management
- Backup and restore configuration settings
- Uploading and Downloading Lock configurations