

Customer case Study

Utilities



Smart City

North American Utility Manufacturer

Smart Bin



Requirement

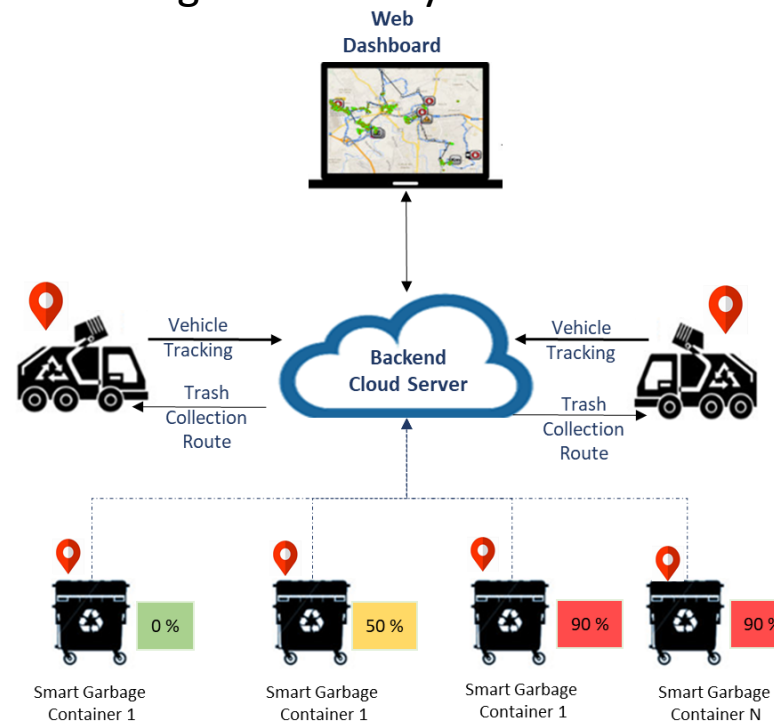
- Design and development of smart city wastage management system with smart trash bins

Solution

- Delivered end to end solution for real-time monitoring of % bin occupancy, per household waste statistics, and smart pickup and collection status
- Implemented alerts such as status and overdue for scheduling pick-up event, vehicle routing and garbage collection status, and waste management analytics dashboard.

Customer Benefit

Customer reduced cost significantly through reduced truck roll out, and with optimized pick up truck routes.

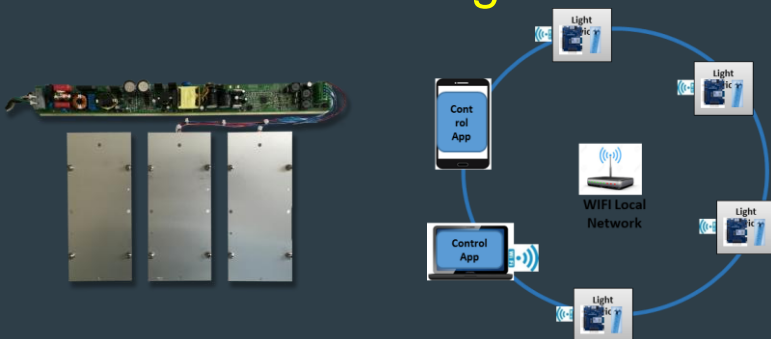




Smart City

European ODB Vendor

Smart Light



Three channel LED Ballast & Network Wireless Lightning Control System

Requirement

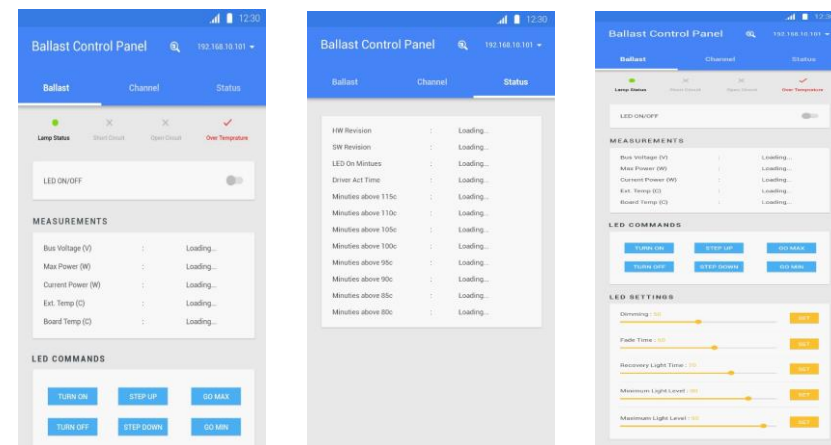
- Develop a retrofit solution to enable wireless connectivity to current wired LED ballast devices

Solution

- Delivered end to end solution from Hardware to embedded software, mobile app and lighting control features
- Implemented wireless add-on hardware card, firmware for wireless connectivity, mobile application, lighting control algorithms, LED driver, communication protocol and stack development and support

Customer Benefits

The automated, highly scalable solution with rich lighting features from basic on/off to monitoring and alerting controlled via user intuitive mobile application





Test Automation and RPA



EHS Platform



Requirement

- develop an Enterprise-wide Automation Strategy & Roadmap for migration of EHS Platform.
- Enable data entry to the system from upstream through RPA process

Solution

- Delivered Automation Tools Strategy & Blueprint for migration
- Implemented RPA process to enable data entry into platform with multiple review and approval stages.

Customer Benefit

- Customer reduced cost significantly through reduced cost of testing and better coverage.
- Customer saved cost on the data entry efforts and compliance submission of reports decreased to a day instead of week.





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