birlasoft

Birlasoft Smart Cities Framework
Smart Lights Accelerator

Pre-built Smart Lights Management System by Birlasoft

Birlasoft's Smart Cities Framework includes services integrated with accelerators for smart cities to help city administration and Utility companies quickly bring transformational changes and realize the value of digital technologies.

Our Framework includes:

01 INFRASTRUCTURE

- Smart Lights
- Smart Meters (for Water, Gas, and Electricity)

02 TRANSPORTATION

- Smart Parking
- Route Optimization
- Intelligent Transportation

03 CITY PLANNING AND OPERATIONS

- Traffic Demand Modelling
- Adaptive Traffic Signals

04 eGOVERNANCE

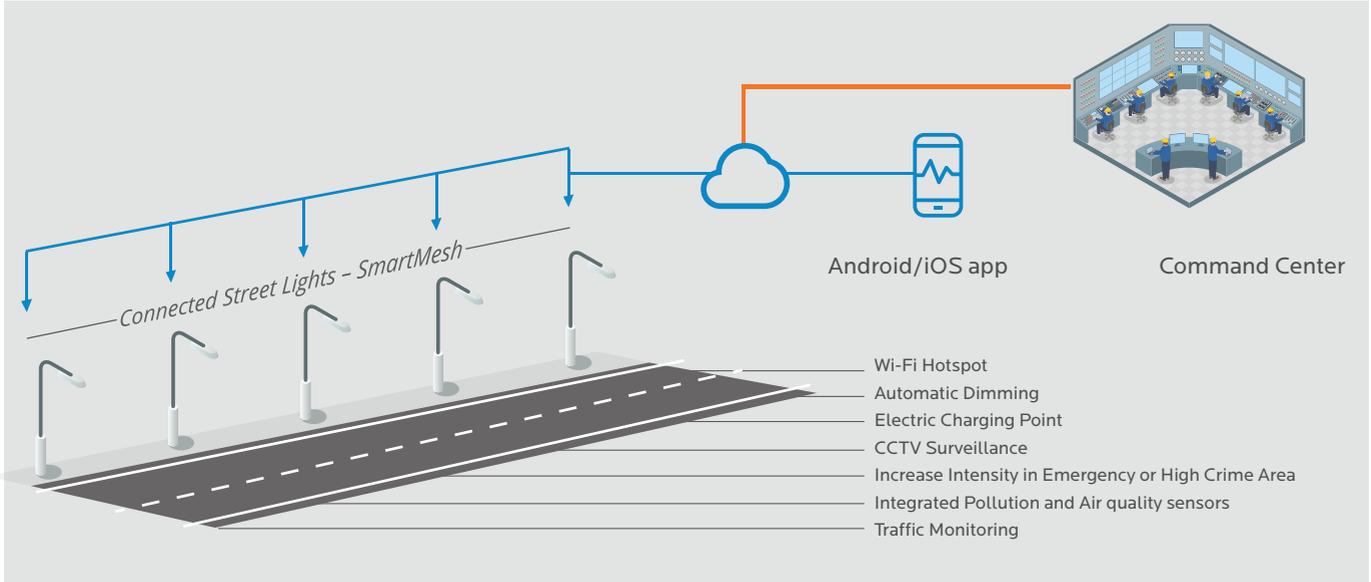- Smart Connected Citizens
- Grievance Management

Our pre-built accelerators for Smart Cities enable you to create a connected infrastructure, which helps in improving city services and overall quality of life for citizens.

Birlasoft Smart Lights Accelerator

Birlasoft's feature rich Smart Lights Accelerator is a reliable street lights management system and is suitable for all existing and new lights infrastructure. It is built on Birlasoft's action and analytics platform – Birlasoft intelliAsset that is powered by ThingWorx® technology from PTC®.

1 Million + Lights Scalability

200+ meters line of sight range support

60% Estimated Energy Savings

Connected Street Lights – SmartMesh

Android/iOS app

Command Center

Wi-Fi Hotspot
Automatic Dimming
Electric Charging Point
CCTV Surveillance
Increase Intensity in Emergency or High Crime Area
Integrated Pollution and Air quality sensors
Traffic Monitoring

Built on: thingworx® LoRa™ sigfox NB-IoT

Features	Benefits
• End to end solution with hardware and software • Technologies supported - LPRF, LORA, SigFox, FSA • Support of >200 lights per DCU and 5 Years warranty • Long battery life - 5 to 10 years • Smart Mesh Communication • Supports remote On/Off and Dimming • Integrated Environmental Pollution sensor • Remote Diagnostics, Fault Monitoring, and Software Upgrades • User Interface and Analytics	• More Sustainable Cities and Cleaner Environment – Lower CO_2 emission • Manufacturer agnostic • Optimize Maintenance Activities • Better Consumption Monitoring • Save Money for Community • Service Excellence • Retrofit – Convert conventional lights into Smart lights • Different business models - fixed price or savings-based price • Low cost and easy to integrate

For more information or to request a demo, write to us at – digital@Birlasoft.com

RESOURCES | digital@birlasoft.com | birlasoft.com

Enterprise to the Power of Digital™

Birlasoft combines the power of domain, enterprise, and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion-dollar diversified CK Birla Group, Birlasoft with its 12,000+ professionals, is committed to continuing the Group's 159-year heritage of building sustainable communities.