

OUR FOOT-PRINTS IN SMART CONNECTED LIGHTING



CITISOL



CITISOL
IoT – Smart City Solutions from Bajaj

SMART LIGHTING MANAGEMENT SOLUTION

GOVERNMENT OF INDIA'S SMART CITY MISSION & BAJAJ SMART CITY VISION



The 100 Smart Cities Mission in India was launched by Prime Minister Narendra Modi on June 25, 2015. Smart Cities Mission is an urban renewal and retrofitting programme launched by the Government of India to develop smart cities and make them citizen friendly and sustainable.

The Union Ministry of Urban Development is responsible for implementing the mission in collaboration with state governments; this is expected to complete between 2019 and 2023. The purpose of the Smart Cities Mission is to drive economic growth and improve the quality of life of people by enabling local area development and harnessing technology, especially technology that leads to smart outcomes.

Bajaj Illumination has been the undisputed leader in outdoor illumination and creating infrastructural marvels by way of lighting through world-class execution.

With city limits expanding, it's challenging for city managers to control or provide complete services to its users. The need of the hour is a robust system that is dependable, comfortable, affordable, and sustainable. It is this challenge that Bajaj Illumination addresses.

In its continuous endeavor to provide sustainable and energy-efficient solutions along with single window operations to its customers, Bajaj Electricals has developed the CitiSol Lighting Management Solution platform.

LED lighting has now moved from static to a dynamic solution. Smart City Mission - a government of India initiative is to create more sustainable and livable cities. A citizen-friendly city is that which provides a good quality of life and a bright life.

HOW WE HELP?

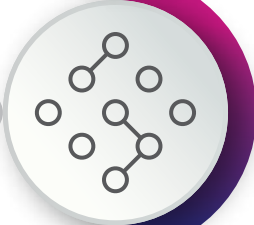
Requirement Review

Qualified engineers from Bajaj Illumination shall review the user requirement.



Making it "Smart" & Connected

Designing a communication architecture for the solution. Adding the smart quotient to the solution.



Hyper Support

During supply and upon request.



Lighting & Electrical Design

A synergic and hollistic solution design



BOQ Creation

With datasheets and maintenance guides



After Sales Support & Services

Bajaj Illumination team to stand beside you when in need.



SMART CITY OFFERINGS FOR THE 'SMART'

CITIES

Bajaj CitiSol Smart Solutions helps cities achieve savings on energy, operations, and maintenance, while at the same time help them achieve safer and connected environments. It allows cities to remotely monitor, manage and control the lighting infrastructure and get insights into its performance.



AUTHORITIES

Timely notifications on failures and scheduled maintenance alerts can help keep roads and streets lit up. Dark streets are undesirable in smart cities as they pose a threat to citizen safety and may also lead to road accidents. Auto-notifications generated by the Bajaj CitiSol Lighting Management System can help civic authorities overcome this and take prompt corrective actions.



MAINTENANCE TEAMS

The uber benefit of Bajaj CitiSol Smart Lighting is the insights generated to evaluate the performance and effectiveness of the lighting infrastructure. In combination with the asset management tool, this allows system integrators/installation contractors to automate maintenance and repair services, optimize maintenance schedules & other workflows and generate significant cost savings.



KEY BENEFITS

CONFIGURE IN A SNAP

With a user friendly & completely customizable dashboard. The Bajaj CitiSol LMS is ideal for large smart city management teams and large connected infrastructure management teams. With quick configuration schemes and seamless device on-boarding functions, the LMS is by far one of the industry's best platform for connected lighting management.



LIGHTING MANAGEMENT SOFTWARE



MANAGE AT SCALE

Bajaj CitiSol LMS helps control and define lighting levels for specific streets, zones, or an entire city. It can also help increase lighting levels to improve safety and visibility during high traffic and movement, or decrease the lighting levels to harness energy savings, thereby staying true to a promise to save the environment and lower light pollution.

MONITOR IT ALL

Bajaj CitiSol helps schedule and trigger automatic status and fault reporting straight to your mailbox or, thereby enabling you to promptly initiate a repair/ replacement process. The system can identify several lighting-related faults, so that you can exactly identify why a particular luminaire had failed.



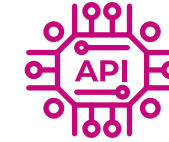
SOLUTION FEATURES

CitiSol offers various control options to its users which thereby have an impact on the experience of the end user – the citizens.



DIMMING PROFILE SETTING

Configuring dimming profiles based on traffic density on the road has never been smoother.



CENTRAL COMMAND CENTRE INTEGRATION

CitiSol provides full remote management for your entire lighting infrastructure. Open architecture and Open API allow secure integration to any of your preferred 3rd party application.



ON DEMAND

Let there be light when its needed the most, and that control needs to be executed at the click of a button. CitiSol has on demand, and near real time control of switching street lights on and off.



SCHEDULING

Keeping energy efficiency and maintenance efficiency as the uber goal of the platform solution, CitiSol assures schedule configuration as per customer needs.



ALERTS AND NOTIFICATIONS

CitiSol offers proactive and customizable notifications to help take time critical decisions. CitiSol is designed for the local asset management & maintenance crews, the Alerts tool offers near real-time status information of every individual or group of luminaires. Faults and outages are automatically registered, and notifications are sent to the assigned person to undertake action.



REPORTS AND CHARTS

The CitiSol platform has a central dashboard that helps you to track your city's lighting performance, status, energy consumption and savings over different locations and customizable periods of time. For example, grid voltage, current, power factor, can be tracked over a period. Device network analytics is also an integral part of this tool.

DELIVERING THE BEST SOLUTIONS

Name
Login to your account

Email ID / Mobile Number

Password

Login with OTP

Or

Login

KEY OFFERINGS

Group
Control

Group
Dimming

Individual
Control

Command
Control Solutions