



**HAVELLS**

**LIGHT BEAT**  
JUNE '17

## HAVELLS WINS THE AWARD FOR 'BEST ICT IMPLEMENTER IN SMART CITY'

ACHIEVEMENTS



From left to right: Mr. Devender (AGM, Havells), Mr. Anil Bhasin (Executive VP, Havells), Shri Rajpal Shekhawat (Minister for Industry, NRI Govt Enterprise, DMIC, Rajasthan), Shri Ravi Shankar Prasad (Minister for Information Technology Law and Justice), Mr. Sikka (COO, BW), Mr. Ajay Saraf (Business Head-Prof Luminaires, Havells)

Havells bags a very prestigious Award for 'Best ICT Implementer in Smart City'.

The Award was presented by Hon'ble Minister for Information Technology Law and Justice, Shri Ravishankar Prasad at the BW Businessworld Digital India Summit 2017.



**LED**

## SMART CITY



### DESIDERATUM

Rapid urbanization increases the demand for resources, public services, education, health care & many more important attributes. This calls for a need for the cities to get smarter to handle large scale urbanization and to find ways to manage complexity, increase efficiency, reduce cost thus transforming India into a digitally empowered society. A Smart city uses Information & Communication Technologies (ICT) & other means to improve quality of life.



### ASPIRATION

The Ministry of Urban Development, Government of India has charted certain visions on smart cities. Cities equipped with data aggregation mechanisms & instruments to derive real time knowledge support real time decision making and effective actions. The objective is to have cities that become interoperable and rational, more sustainable and efficient, improve governance structure and bring in more autonomy in systems & services thereby improving the overall quality of life of its citizens. The aids go around but not limited to Smart Mobility, Smart Utilities, Smart Living that facilitates Improved Public security & emergency management system, efficient energy management system & advanced metering infrastructure.

As Lighting system gets smarter, a vision of autonomous, self-commissioning illumination system is emerging where illumination plays an active role in improving productivity, providing wireless communication & improving system operation. Smart street lighting is a lighting & connectivity solution designed for energy & operational efficiency of streetlights.



### SERVICE

Havells India Limited, a leader in Indian Street lighting market, has been pioneering the Smart Street lighting for India. Streetcomm (Intelligent Street Light Controls) is a solution designed by Havells keeping in mind the sensitivities and requirements of Indian cities, city authorities and ultimately the citizens.

The Solution is highly modular and flexible and can be easily integrated with any existing technology infrastructure of the city.

## VALUE DELIVERED BY THE SOLUTION

#### ENERGY SAVINGS

- Energy efficiency by LED retrofitting.
- Energy efficiency by automatic operation of lights based on astronomical timings.
- Extended Energy Saving by dimming.

#### OPERATIONAL EFFICIENCY

- Operational efficiency by automatic controls reducing manpower/logistics requirement.
- Operational efficiency by automatic fault/alarm monitoring, prediction & proactive maintenance.

#### SMARTNESS

- Constant illumination throughout the life for Public Safety.
- Visibility based Light Output/Power Consumption shifting.
- Weather/theme comfort based Light output Color temperature shifting (Warm to Cool)

#### DATA

- Further Smart city Integration with other Smart Services like Security, Utility, Traffic etc. using APIS.
- Actionable insights using the by Big data analytics on the Energy & fault data collected from the system.

#### Havells India Ltd.

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