

Intelligent Environments for Cities



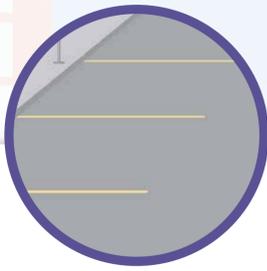
How It Works:

GE's intelligent LEDs are a gateway to city-changing technology, with sensors, controls, wireless transmitters and microprocessors built within the LED system.

Predix*, GE's software platform for the Industrial Internet, collects and analyzes data from these components to deliver optimized tools that respond to city challenges.

*Predix is a trademark of General Electric Company.

Potential Intelligent Benefits:



Parking Optimization

Drivers can be given real-time information on locations of available parking spaces.



Traffic Flow

Congestion can be reduced via real-time traffic routing based on weather, construction and traffic-signal timing.



Environmental

Cities can monitor air quality and ground conditions to understand trends better and take action when needed to benefit the lives of citizens.



Emergency Response

Emergency responders can be given data about an incident, maximizing their understanding of a situation and response time.



Advanced Lighting Controls

Cities can control maintenance costs and light output to save time and money while optimizing lighting conditions based on each block's needs.



Imagine the Possibilities

GE's intelligent solution is built on an open platform for the future development of applications that will deliver efficiency for the city and convenience for citizens.

