



17 Reasons to Choose CIMCON for Lighting and Smart City Projects

CIMCON offers a comprehensive lighting management system and a proven smart city platform that simplifies the deployment and data analysis from a wide variety of sensors, cameras, and devices. Below are 17 reasons city and university leaders and property owners choose CIMCON's solutions for their lighting and smart city projects.

- 1) **CIMCON's smart city solutions**, including outdoor lighting management systems, are real-world proven. CIMCON has deployed more than 450,000 lighting controls and smart city platforms in more than 150 cities in 24 countries, and can scale as it has experience deploying projects from 1000 to 100,000+.
- 2) **CIMCON has more than 25 years of experience** solving technical and environmental problems in the areas of industrial IoT, software and hardware-based control systems, and outdoor wireless networks and applications.
- 3) **CIMCON offers a reliable, robust, flexible, and future-ready network** that has been proven around the world in diverse climates and locations, including some of the world's harshest outdoor environments.
- 4) **Secure networks** – CIMCON's mesh network is a self-healing IPV6 mesh network with IPSEC security and 256 AES data governance.
- 5) **Sensor flexibility** – The NearSky smart city platform allows cities to deploy a wide array of devices on any streetlight pole, providing power, data processing power at the edge, and a communications channel to send data back to cloud-based software for analysis.
- 6) **Precise and Reliable Data Collection** – CIMCON's smart city platform collects data from an edge data processor that can be deployed on any streetlight pole, giving cities a city-wide reach and allowing them to collect data city-wide or for a specific street/neighborhood.

- 7) **Analytics Tools** – CIMCON's lighting management system and smart city platform provide analysis tools to help city managers improve operations and quality of life for residents. Analysis tools help improve asset management, energy usage, public safety, air quality, traffic/pedestrian flow, response to gunshots/noise, road conditions, and response to potential flooding.
- 8) **Ease of use** – CIMCON's lighting management system offers easy-to-use mobile and web-based software, allowing people with limited prior experience to easily manage their lighting assets.
- 9) **Ease of deployment** – CIMCON's lighting controls and smart city edge processors plug into standard 7-pin NEMA sockets on LED streetlights, making them easy to deploy. In addition, they offer standard connectors that allow cities to plug-in and go with devices and sensors. These capabilities allow cities to deploy cost-saving solutions in days not months.
- 10) **Fast deployments** – CIMCON offers end-to-end solution bundles that simplify and accelerate the deployment of smart city technologies (lighting controls, sensors, cameras and devices), allowing cities to more quickly gain the benefits from lighting controls and smart city solutions.
- 11) **Sustainability** – A mix of pricing model options to help cities and organizations fit solutions into their existing budget so that it can provide sustainable benefits to the city residents.
- 12) **Compatibility** – CIMCON's solutions can be deployed on multiple networks, including Zigbee, Cisco, and Itron/Silver Spring, giving cities a choice of secure and cost-effective networks and working with networks you already have deployed.
- 13) **Managed services** allow municipalities and retail businesses to develop data-driven services without increasing staff or developing the highly-specialized data and operations skills that they sometimes require.
- 14) **An active partner marketplace** of technology and solution providers that helps city managers find smart city solutions to meet your unique requirements.
- 15) **Open and Integrated** – CIMCON's smart city platform is integrated with standards-based platforms, including analytics, database, IoT, cloud, and other smart city platforms, such as Cisco Kinetic for Cities, that use RESTful APIs. City managers can easily make data collected at the edge available to use in your existing systems.
- 16) **Business Partners** - CIMCON works locally with lighting controls representatives.
- 17) **Technology Partners** – CIMCON has close partnerships with lighting manufacturers, such as Eaton, and IT technology vendors, such as Cisco. In addition, CIMCON has a thriving partner program with sensor manufacturers, WiFi for digital inclusion, camera providers, analytic platform makers, and others.