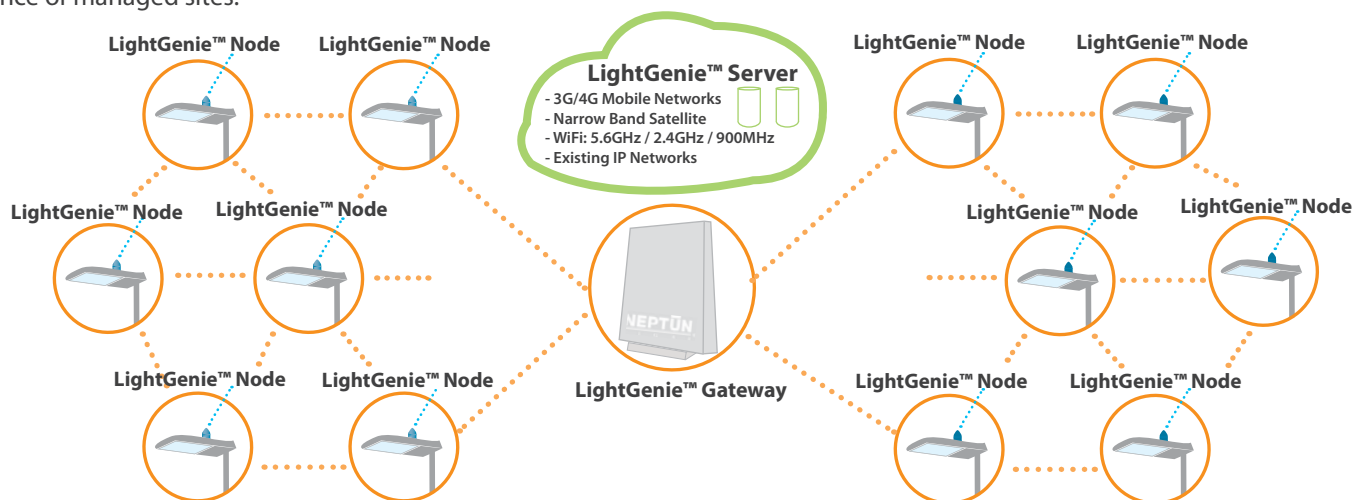




REVOLUTIONARY CONTROL

General Description

Neptun's LightGenie™ MASTER is a comprehensive cloud based software having two channels. **1.)** LightGenie™ MASTER - Mesh Network Management System (MNMS). **2.)** LightGenie™ MASTER - Asset Management System (AMS). The software architecture enables the management functions of the network devices and management functions of user interface with managed assets. Mesh Network Visualization is included and provides all necessary tools to plan and deploy the network, as well as perform all necessary diagnostic maintenance of managed sites.



TECHNICAL DATA - ASSET MANAGEMENT SYSTEM (AMS)

Management Software General	Cloud based. Can be hosted and managed on the customers server or at the Neptun Server	Software Monitoring	<ol style="list-style-type: none"> 1. Status of ON/OFF/Dim Level monitoring. 2. Energy Consumption monitoring: Current RMS, Voltage RMS, Power Factor 3. Lumen Depreciation monitoring (optional) 4. Monitoring Luminaire for theft by GPS location (with 7 days battery backup) 5. Failure Prediction Monitoring algorithm
Software Structure	Multi-User, Multi-Site	Software Reporting and Alerting	<ol style="list-style-type: none"> 1. Status ON/OFF/Dim level Reporting and Login 2. Energy Consumption in KWh Reports, Daily / Weekly / Monthly / Yearly 3. Energy Savings Reports based on scheduled dimming - Daily / Weekly / Monthly / Yearly 4. Reporting Current RMS, Voltage RMS, Power Factor and Login historical records - Daily / Weekly / Monthly / Yearly 5. Reporting Lumen Depreciation and login monthly historical data 6. Reports all states, Burn Hrs., Constant Lumen Output, Other Alerts and login history data.
Software Asset Grouping	Able to create groups up to 50,000 luminaires, and up to 2,000 groups		
Software Communications	All time-based controls, monitoring, & reporting, and all communications of control and monitoring states are fully customizable		
Software Control	<ol style="list-style-type: none"> 1. ON/OFF control of each group and single luminaire (as 1 group) 2. Scheduled ON/OFF of each group overrides the photocell 3. Each day of the week Programmable Dimming Scheduled with multiple (up to 8) nightly time slots and levels of dimming 		
Software Licensing	All software is provided free of charge with purchase of 5,000 luminaires and purchase of 5,000 Nodes		



ORDERING INFORMATION

Full Control Model: LGN-MASTER