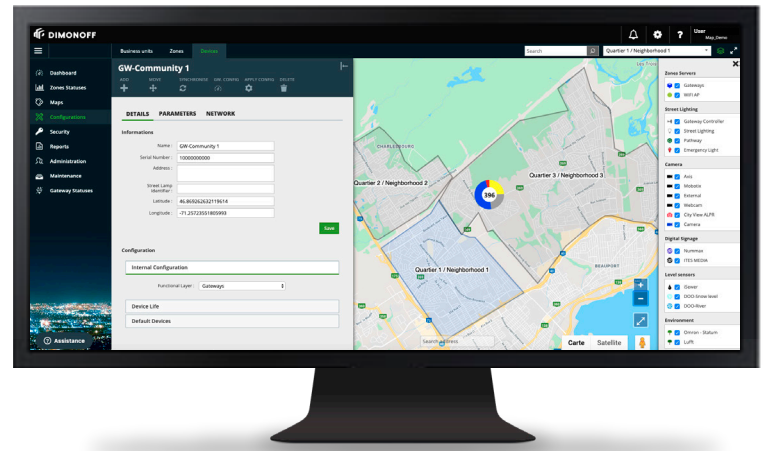


PRODUCT OVERVIEW

Dimonoff | SCMS is a state-of-the-art Internet of Things (IoT) management platform that enables municipalities to remotely access, monitor and control the assets that make them smart cities. It allows multiple system providers to be integrated within one single user interface, including:

- Dimonoff Lighting Control System
- Honeywell EnergyAxis ® (Netsense)
- Signify, Synapse and others (in development)
- Current by GE (Lightgrid™)
- Telematics Wireless™ (T-Light)

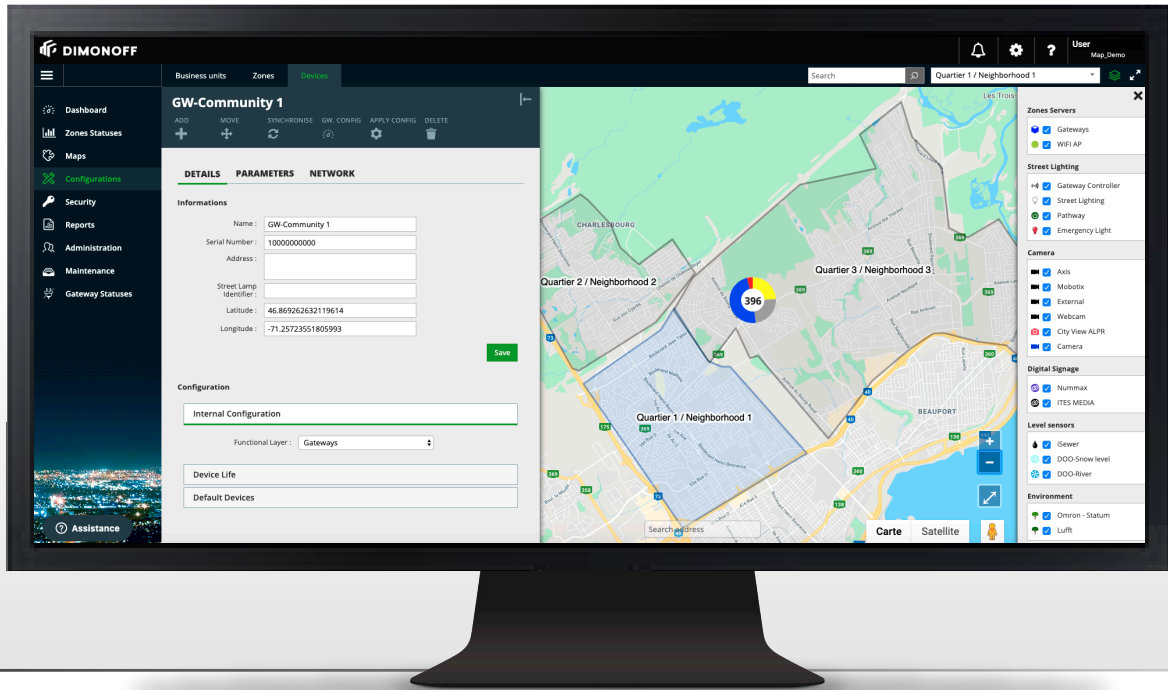


Dimonoff | SCMS provides the means to perform tasks that are essential to managing large numbers of IoT devices, including: connection to an unlimited number of IoT sensors, actuators and other devices (end users don't need programming skills to make these connections); connection (using an open API) to other applications, like citizen-facing interfaces, to improve the quality of data received; management of security to keep both the city's data and network safe.

With a solution you can rely on, Dimonoff | SCMS is leveraging the Internet of Things (IoT), laying the foundation of a scalable communication network architecture, enabling gradual integration of additional smart sensors and services for the benefit of citizens.

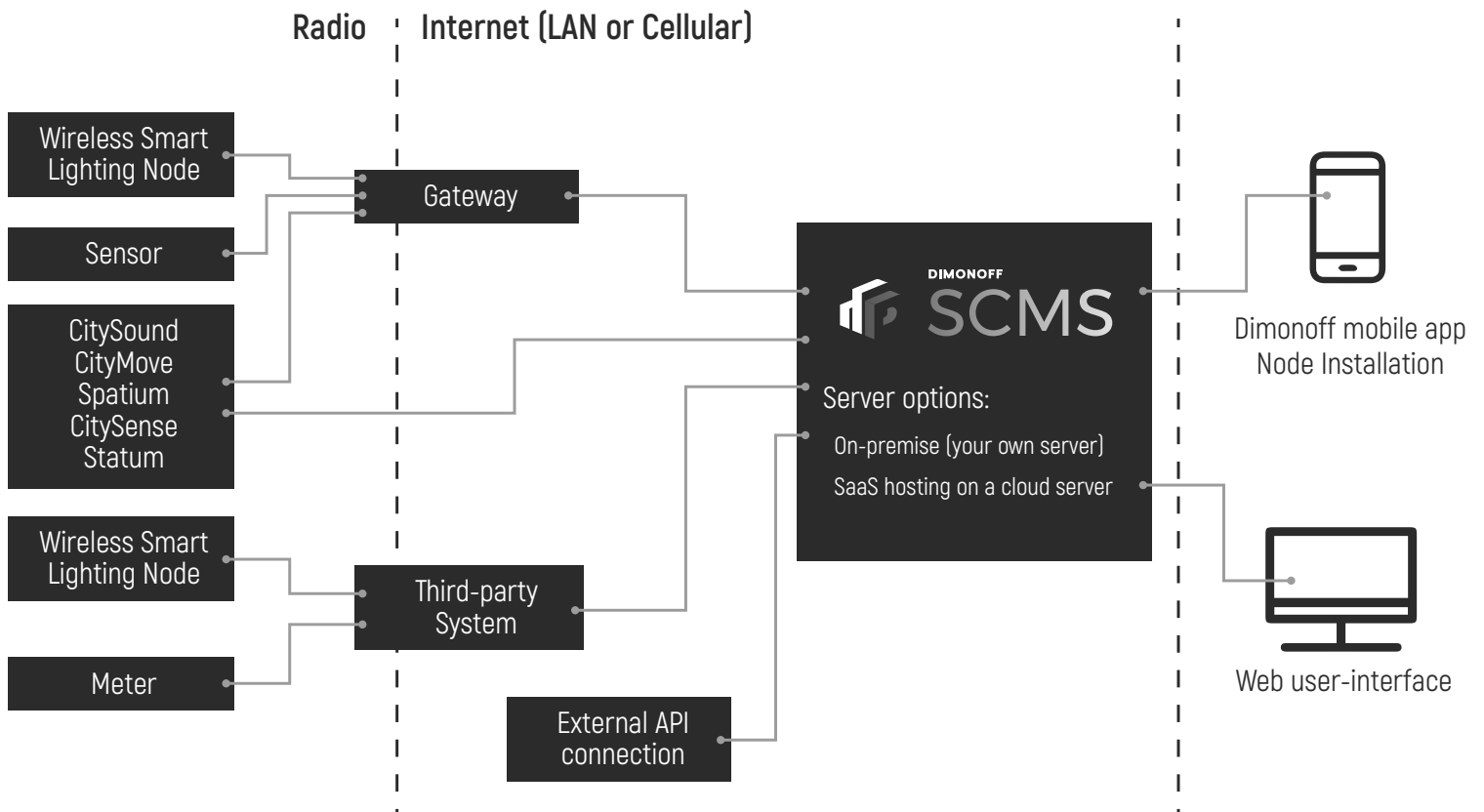
KEY FEATURES

- Web-based software that enables remote configuration, monitoring, control and reporting.
- Agnostic platform (compatible with communication networks from other providers).
- Management of any type of municipal asset (e.g. park benches, transit shelters, fire hydrants) and connected devices.
- Built-in maintenance management.
- Simultaneous accessibility by users with different levels of access/security privileges.
- Latency under one second (may vary according to specific configuration).
- The latest data at your fingertips: real-time displays of power and energy consumption with standard revenue grade metering capability accurate to within +/- 0.5 % for the full range of load.
- Extensive reporting capabilities: Export data to standard formats (PDF, XSLX, XLS, CSV, etc.). Enable automated report generation and distribution.
- Map-based GUI enables display, configuration, control and monitoring of all devices in real time, plus complete scheduling management and prompt alerts as soon as anomalies are detected.
- **NEW:** Assets management of every floor for buildings or multi story parking lots.



SAMPLE NETWORK ARCHITECTURE

Dimonoff | SCMS fits into your smart city network as shown below.



SERVER OPTIONS

You can host the system on your servers or on the cloud using, per example, Microsoft Azure. Users access the platform using a web browser, so you don't need to install client software on users' computers.

SAAS HOSTING ON A CLOUD SERVER

Dimonoff | SCMS is hosted on a virtual machine run by a cloud provider. With Azure options, data centers are located all over the world, so you can keep data in a specific geographic location.

Microsoft Azure leads the industry in establishing and consistently fulfilling clear security and privacy requirements. Azure meets a broad set of international and industry-specific compliance standards, including:

- General Data Protection Regulation (GDPR)
- ISO 27001
- HIPAA
- FedRAMP
- SOC 1 and SOC 2

Azure also meets country-specific standards, including:

- Australia IRAP
- UK G-Cloud
- Singapore MTCS

Rigorous third-party audits, such as those done by the British Standards Institute, verify Azure's adherence to the strict security controls these standards mandate.

ON-PREMISE INSTALLATION ON A LOCAL SERVER

To host Dimonoff | SCMS on your servers, note that Dimonoff installs the software on the server, so we need an administrator access to the server via remote access software such as MS-RDP, RealVNC® or AnyDesk®.

SERVER SOFTWARE SPECIFICATIONS AND REQUIREMENTS ON LOCAL SERVER

- Windows Server 2012 R2 (minimum), Windows Server 2016 (recommended), with security updates
- .NET Framework 4.6 (minimum)
- IIS 8.x (minimum) -for WebSocket support
- Add-on .NET Framework 3.5 -for some components
- MySQL Server 5.7.x (minimum 5.7.5) - installed by Dimonoff

SERVER HARDWARE SPECIFICATIONS AND REQUIREMENTS ON LOCAL SERVER

The number of smart wireless lighting nodes in use determines the hardware required.

HARDWARE REQUIREMENTS

Number of nodes	Core CPU required	Database <i>Hard disk storage for 7 years of history</i>	Memory (RAM)
10 nodes	2	100 GB	4 GB
1000 nodes	2	500 GB	6 GB
50,000 nodes	4	1,000 GB (1 TB)	8 GB
200,000 nodes	8	5,000 GB (5 TB)	24 GB
600,000 nodes	12	15,000 GB (15 TB)	48 GB

SERVER-SIDE NETWORK SPECIFICATIONS

Upon request only

OTHER TECHNICAL NOTES

- To use Dimonoff | SCMS, you need an Internet connection.
- Maps used in plan mode make use of Google Maps by default (Azure Maps in option). Other mapping applications are not supported.
- Compatible browsers include: Google Chrome 50+ (recommended), Microsoft Edge, Firefox 12+, Apple Safari 7+, Google Chrome for Android (minimum screen size: 11 inches).
- JavaScript must be enabled.