

net4more Software

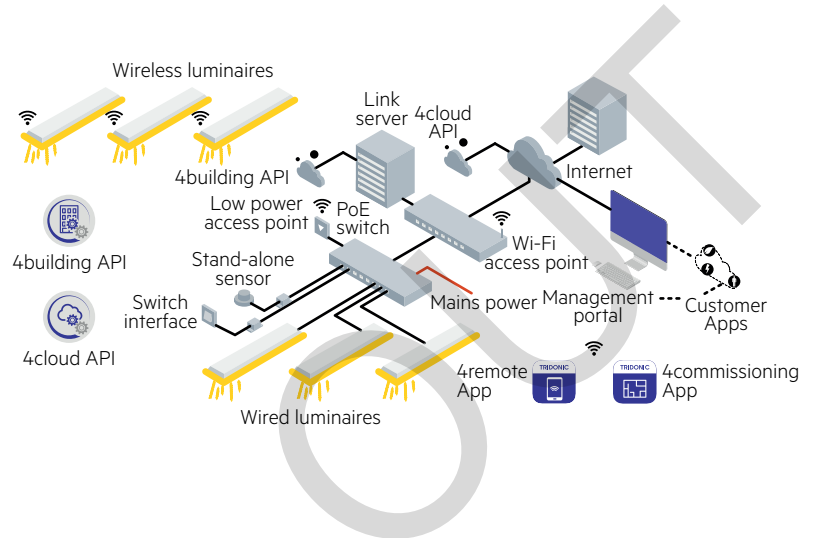
Software for net4more system

Product description

- Software of the net4more system
- Software components:
 - Link Server
 - 4building API
 - 4cloud API
 - Cloud Server
 - Management Portal
 - Customer Apps
 - 4remote App
 - 4commissioning App



Software license, page 3



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net4more Software

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Technical data

Licence fee	Per year, see licience model
Licence duration	Specified on the SOW or after 15 months of its signature
4commissioning	HTC Nexus 9 (Android 6.0.1 and 7.1.1), Samsung Galaxy Tab A10 (Android 7.0)
4remote	HTC Nexus 9 (Android 6.0.1 and 7.1.1), Samsung Galaxy Tab A10 (Android 7.0), Iphone 6 (iOS 12.0.1)
Requirements for Cloud	Chrome (Windows 10)
Requirements for own Linkserver	Ubuntu 16.04 system

Ordering data

Type	Article number	Description
net4more software license model S	86000100	Up to 500 nodes
net4more software license model M	86000101	500 – 1,000 nodes
net4more software license model L	86000102	1,000 – 5,000 nodes
net4more software license model XL	86000103	5,000 – 20,000 nodes

1. Description

net4more offers scalable, open IoT system architecture that can be updated, providing not only the functionalities of a light management system but also future applications with IPv6 connectivity down to the end node (luminaire). net4more enables any device, including wired or wireless luminaires and sensors, to communicate directly via the shared IT network without the need for special gateways.

2. Software components

2.1 Link Server

The Link Server provides the Light Management System related functionality within the net4more ecosystem. It ensures that all the groups, scenes, advanced recipes get executed and coordinated properly. It also consolidates and throttles all the data received from the field layer, and forwards it to the Cloud Server.

2.2 4building API

net4more is an open system, which can not only coexists in an IP based building, but also offers multiple integration opportunities. The web socket secure 4building API allows any Building Management System to control the advanced lighting functionality, as well as to receive data from light points, sensors, etc. to trigger appropriate actions or monitor them in third party dashboards.

2.3 Cloud Server

An important part of the net4more toolbox is its cloud. Infrastructure and vendor agnostic, it is currently being hosted on AWS (Amazon Web Services) Germany, to ensure that our provider fulfills the latest European and German regulations. It consolidates all your companies, locations, their commissioning and operational data.

2.4 4cloud API

As previously stated, net4more is an open system at all its levels. Its cloud backend offers a REST secure API which exposes all the aggregated time series data, as well as the matching data from the devices generating it. Such requests can be done with the granularity required from the customer side.

2.5 Management Portal

The Management Portal is the web visualization interface that the net4more platform offers to its users. It enables at least the following native services, device monitoring, remote commissioning, energy management and space management, together with any 3rd party customer apps developed for it.

2.6 3rd Party Customer Apps

3rd Party customer apps are digital services developed by other members which are part of the management portal. They can be seamlessly installed at will for customers. The net4more platform provides all the required tools, included an SDK, in order to reduce the hurdle of creating them to a minimum. With them, the user gets finally one single control point for many digital services.

2.7 4remote App

The 4remote App is the solution net4more provides to the vertical communication of the end user with the luminaires. As every single device is now part of the network, once logged in, your mobile phone can control groups, recall preconfigured scenes.

2.8 4commissioning App

Tridonic is aware that commissioning lighting systems, especially the most advanced ones, have not been traditionally user friendly. To overcome that disadvantage, net4more adds the 4commissioning app to their toolbox. It cuts down as much as possible the non-billable hours by introducing the planning phase, where all the logic is defined. It brings the same intuitive drag & drop gestures that all users are familiar with, even to create the most accurate recipes. Not to forget that it still keeps the flexibility to modify the plan live at the customer, at the very same time that devices are identified in a fast and efficient way.

3. Software license

The net4more general software license grants access to all the software components previously described for the period of one year. Each license is individually bounded to a statement of works, where the starting point in time for the license is defined. In case of not being specified there, the license will expire 15 months after the acceptance and signature of the statement of works.

Each statement of works defines the additional terms and conditions. In case of not being described there, the following conditions apply:

- a. New use case requests or bugs raised will be reviewed by Tridonic. The decision and commitment to have these developed and upgraded into the installed system lies with Tridonic.
- b. Client will indemnify, defend and hold harmless Tridonic, its parent entity(ies), affiliate(s), and any of their respective officers, directors, employees, agents, attorneys, successors, assigns, customers, re-sellers and end users (collectively, "Tridonic Indemnified Parties") from and against any and all losses, expenses, damages, claims, suits, demands, actions, causes of action, proceedings, judgments, assessments, deficiencies, charges, and liabilities, including court costs and attorneys' fees, arising in connection with (i) the incorporation, application, marketing, distribution or use of the net4more tools and/ or its components ; (ii) the breach of any warranties; (iii) the breach of any other terms contained.
- c. Tridonic's standard payment terms shall apply.
- d. Tridonic's General Terms & Conditions in Annex 2, shall be applicable for this SoW Agreement.
- e. Tridonic's End User License Agreement (EULA) shall apply.

3.1 Documentation EULA



The Tridonic End-User License Agreement can find here: <http://www.tridonic.com/download/eula/>

4. Miscellaneous

4.1 Additional information

Additional technical information at www.tridonic.com → Technical Data

Guarantee conditions at www.tridonic.com → Services

Life-time declarations are informative and represent no warranty claim. No warranty if device was opened.