

Lighting
is just the
beginning

Smart wireless for the professional environment

About Chess

As engineers at heart, we firmly believe technology makes the world more safe, efficient and sustainable. We made it our mission to manage any light -at any location, in order to save precious energy whilst increasing business effectivity. That is why we developed Mymesh, the most secure and scalable lighting solution in the world.

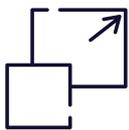
Today, most devices are wireless. However, much lighting remains old-fashioned. This results in low system flexibility, difficulties in compliance and high operational costs.

It doesn't matter which industry or market your organisation is in. It needs to adapt to this fast-changing world. Mymesh offers this flexibility. It connects all your lights, sensors and switches via an extremely scalable network. Adding, changing or removing lights, rooms and entire floors is as simple as starting our app. Construction, maintenance and even security, all become immensely flexible and efficient with Mymesh.

Mymesh

Our founders foresaw the immense potential of having wireless infrastructures back in 2003. Back then, there was one major problem; scalability. No network protocol could connect thousands of devices. This insight was the start of Mymesh's development.

It's advanced network characteristics make Mymesh the best wireless control system for professional environments.



Scalable

Scalable

Decades of international studies have resulted in a unique communication protocol.

Using this technology, Mymesh can scale to an unlimited amount of lights, sensors and actuators within one autonomous network.

Robust

A traditional wired network has a limited amount of routes to send and receive signals from.

If a cable is broken, ruptured or burned, all control fails. Instead, Mymesh is a wireless mesh network. This results in a data stream along an indefinite amount of possible routes.



Robust



Secure

Secure

Mymesh is secure-by-design which means that every step in the process -from design to end-of-life, revolves completely around security.

All these strict measures result in banking-level security that is globally recognised by government-agencies, property-owners and multinationals throughout the world.

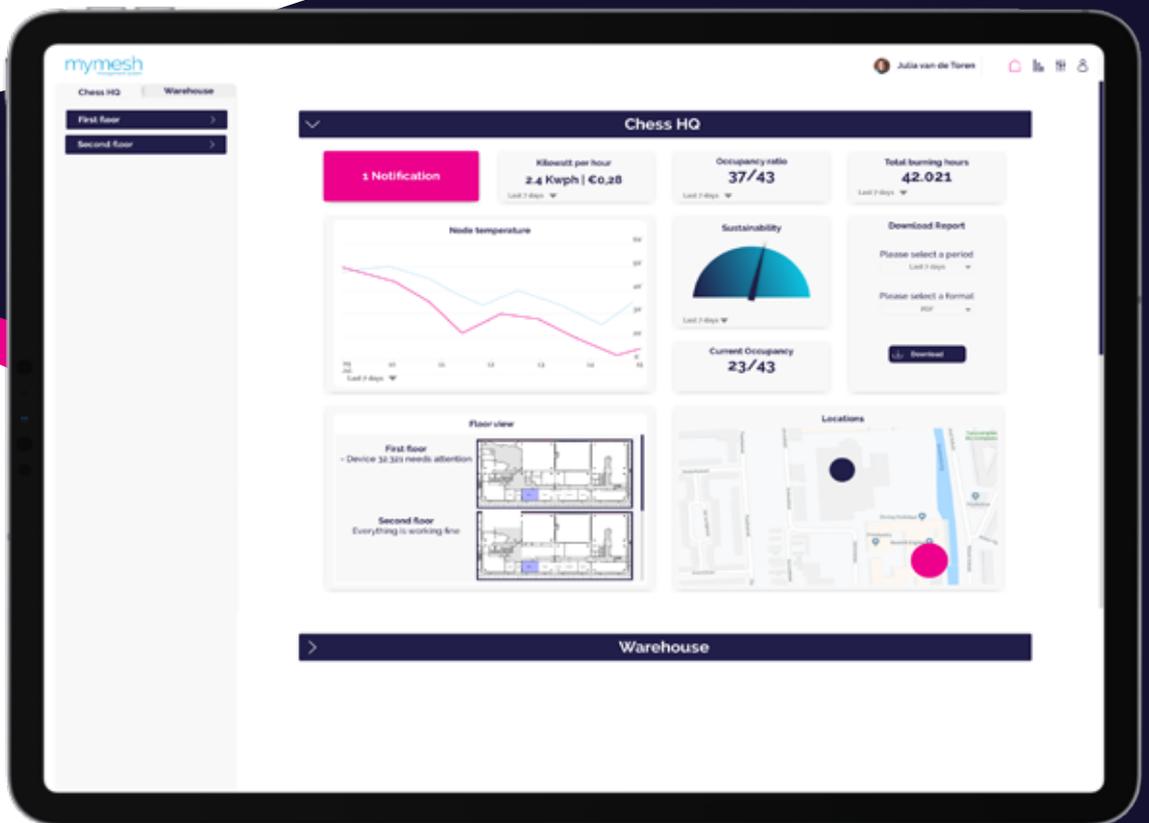
Adaptive

The biggest advancements are now just overnight updates. Software allows technology to grow with the evolving demand of its user(s).

We call this "Adaptive Technology". Mymesh enables users to download new products and features in order to grow with future possibilities.



Adaptive



Enjoy the latest features and services with every Mymesh update.

Mymesh Management System (MMS)

MMS was designed to easily monitor, control and analyze your Mymesh network at all times. It functions as a portal to manage your entire property and its data within a safe and easy-to-use environment.

MMS is available on a subscription basis. We offer different subscription models to accommodate every kind of user.

Lighting that evolves with every update

Having Mymesh installed to every light automatically creates an omnipresent data-infrastructure throughout your property.

As the network forms a decentralised intelligence, software updates can evolve the network as a whole. Think of new features, product or services that become available with every update via the MMS.

Not a bad basis when you think of the continuous change in user-demand and the regulatory environment.



MMS is accessible via any kind of internet browser. As most modern devices support these browsers, Mymesh can be managed on any of these devices.

Indoor

Offices, schools, hospitals, car parks etc. etc.

It doesn't matter which industry or market your organization is in. It needs to adapt in this fast-changing world. Connecting all your lights, sensors and switches via an extremely scalable wireless network offers this kind of flexibility.

Mymesh greatly reduces the costs of construction, maintenance and energy usage. It provides the user with a platform to connect and commission thousands of devices with great ease. No need to plan your controls when you can do it on the fly!



Outdoor

Large outdoor areas such as car parks, business parks or entire cities.

With either 2.4GHz, 868MHz or 915Mhz, Mymesh can realise wireless data-infrastructures for large-scale (outdoor) areas such as car parks, business parks or entire cities.

Having a connected environment saves lots of resources as information is clearly visualised in MMS or a third-party dashboard. Immediately know when something is up -or- down, what kind of luminaire it is and where it is. This is just the tip of the iceberg. Mymesh can provide you with advanced data analysis about your company, business park or even entire city within seconds.

Industrial

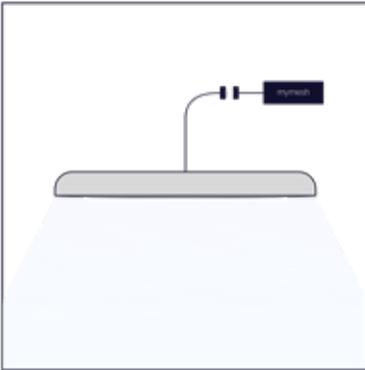
Plants, factories, warehouses, Horti culture etc. etc.

Complex buildings such as factories, breweries, warehouses, and other industrial locations need systems in place that are reliable and designed for any situation. These type of locations are operational 24/7.

In other words, process interruption can be rather costly. Add strict safety regulations and hard-to-reach locations to the mix and maintenance can become a time-consuming and expensive operation. Especially in these type of locations, wireless offers great advantages over wired control.

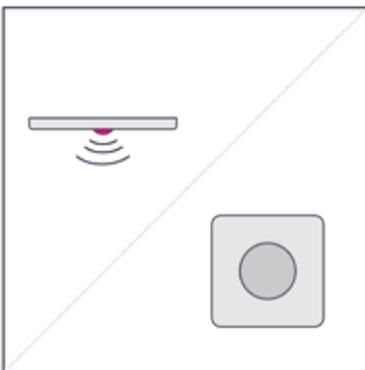


Easy installation



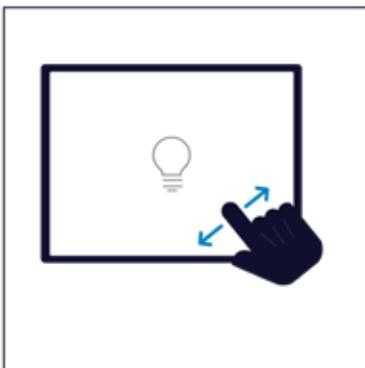
Step 1: Install Mymesh

Mymesh comes in the form of a small device such as a controller or driver that connects directly to your LED light. Once supplied with power, the device automatically starts to transmit its identity.



Step 2: Add Sensors and Switches

It is possible to add a wide variety of sensors and switches to control the network. These sensors and switches were designed to easily commission large-scale locations. Just activate the devices and proceed to the next step.



Step 3: Commission the network

You got your lights, your controls and your Mymesh App ready. It is now time to commission your building via the easy drag-and-drop interface. Create, delete or change entire buildings with just one simple iPad.

This type of operational flexibility will save you lots of time and resources.



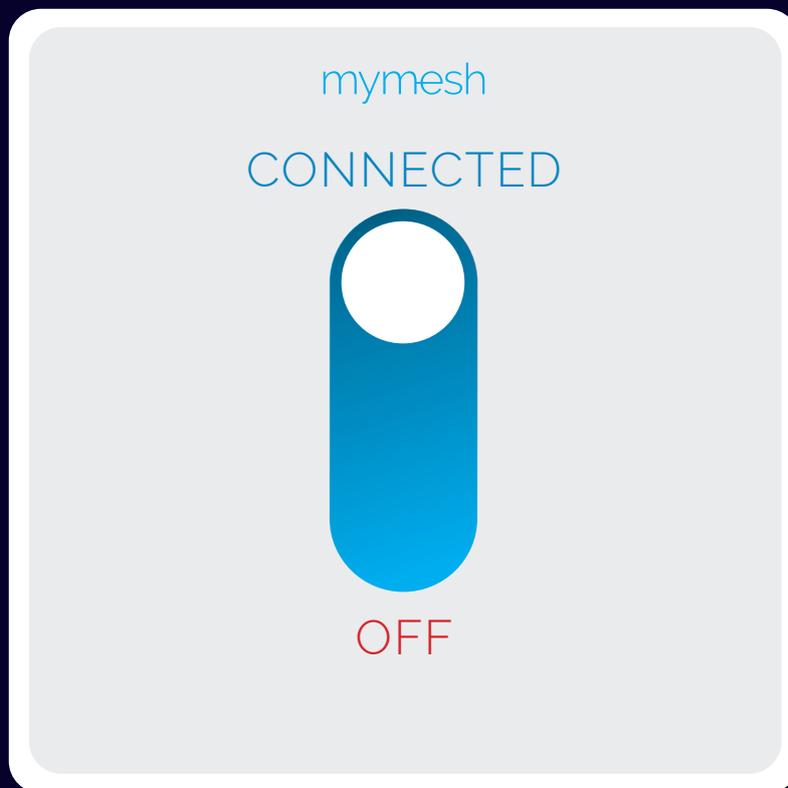
Optional: Connect your building to the internet

Mymesh provides you with an abundance of precious data that was impossible to obtain before. Your network consists of hundreds, maybe even thousands of devices that all tell an important story.

By connecting a Mymesh gateway (Ethernet or 4G) to your network, Mymesh Management System is able to visualise your valuable data to great detail.

Switch

Connected is the new on.



Contact information

chess.nl
Sales@chess.nl
Tel: +31 (0)23 51 49 149

Visiting address

Richard Holkade 8A
2033 PZ Haarlem
The Netherlands

Shipping address

Oorkondelaan 65
2033 MN Haarlem
The Netherlands