en Modus

Smart Connected Lighting

LUX AWARDS 2018 WINNER

We make *any* building smart.

The enModus Smart Connected Lighting solution ensures there isn't a single watt of wasted energy from any light anywhere in your facility.

We help you maximise occupant comfort, safety and productivity by providing precisely the right amount of light exactly where and when its needed.

Our Smart Connected Lighting solution uses Wattwave® to transform your existing power lines into a building-wide communications network.
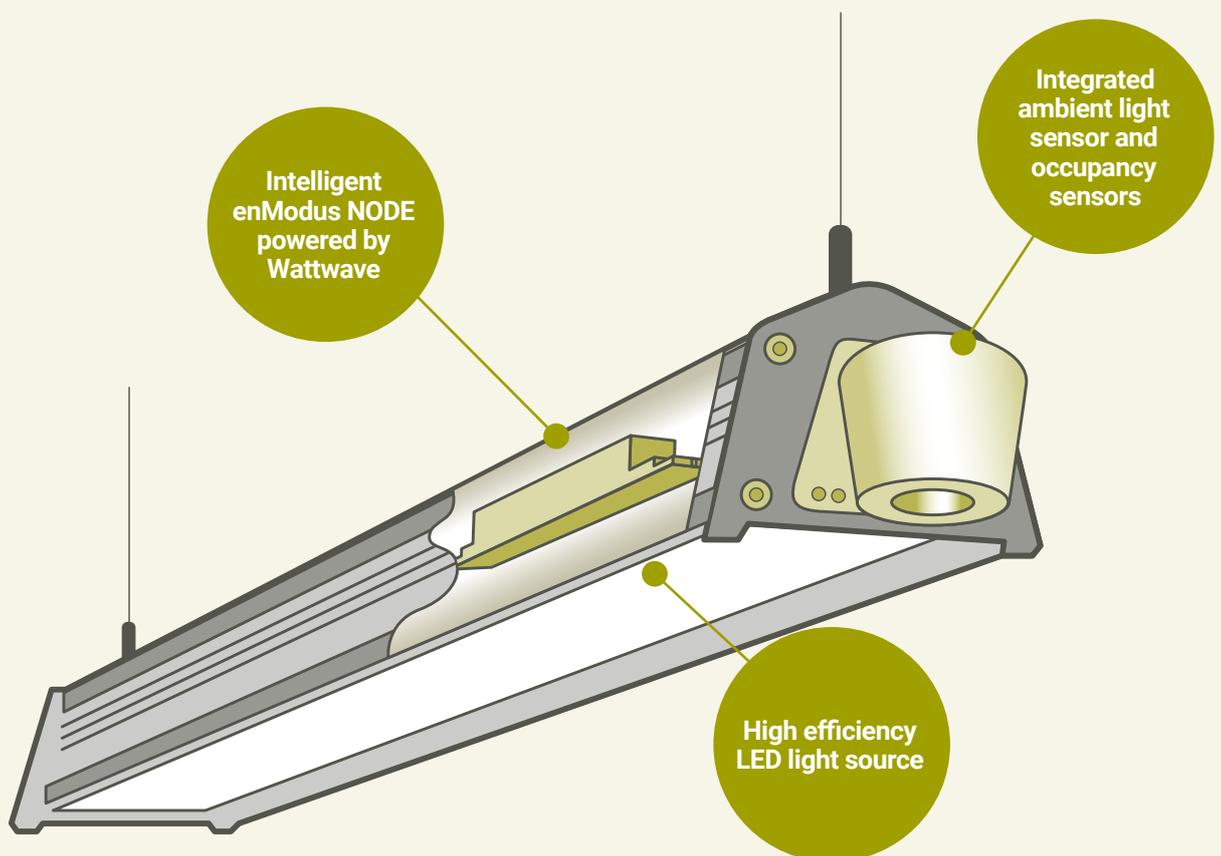
We transfer the data to the enModus Cloud Platform for real-time monitoring and intelligent lighting control of individual luminaires.

Real-time reporting gives you second by second insights into your lighting system performance and its energy usage.

Its secure too. Our multi-layer security achitecture combines physical security, encryption and leverages the strength of Microsoft Azure cloud technology.

The results are truly amazing. We can deliver energy savings of more than 90% and our Smart Connected Lighting solutions typically pay for themselves within 12 to 24 months.

Smart Connected Luminaire

Intelligent enModus NODE powered by Wattwave

Integrated ambient light sensor and occupancy sensors
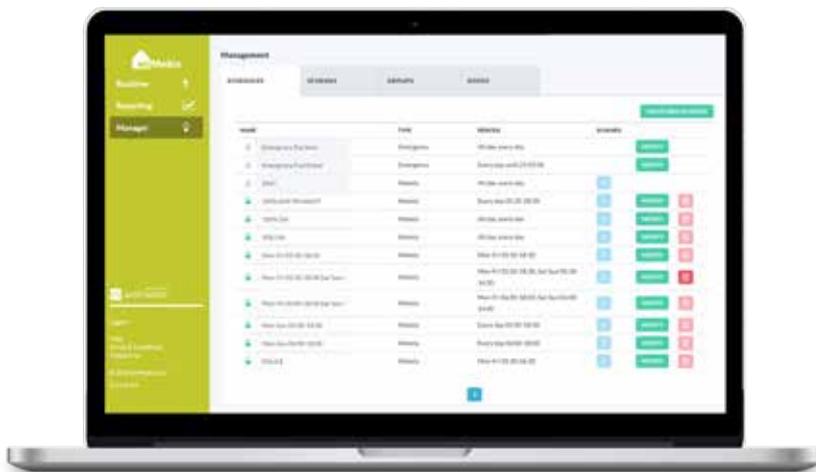
High efficiency LED light source

Power is nothing without control

Our web-based User Interface (UI) delivers intelligent lighting control. Allowing you to set schemes and schedules to match your working patterns and the requirements of your building occupants.

No new wires
Use Wattwave® to transform the existing power lines into a building-wide communications network.

Cloud Platform
Consolidate and organise all measured, sensed and telemetry data into useful insights.

Intelligent lighting control
Control lux levels, PIR sensors, daylight harvesting and lighting schemes to maximise energy savings.

Energy measurement
Minimise energy costs with accurate real-time and historical energy measurement of individual luminaires.

Daylight harvesting
Utilising natural daylight to maximise energy savings.

Luminaire status reporting
Reduce downtime and maintenance with real-time status reporting and failure alerts.

Emergency light testing
Automate functional and duration emergency lighting tests.

Constant light output
Maintain optimum lux levels over the lifetime of the luminaire.

Soft-start
Prevent nuisance tripping with automated soft-start of individual luminaires.

You can only manage what you can measure

We deliver insights into your lighting system performance using second-by-second reporting for true real-time measurements. This provides greater accuracy on energy consumption and results in more intelligent lighting control.

Intelligent lighting control
Monitor and control each luminaire to set light levels, PIR settings, daylight harvesting, schedules and schemes to maximise energy savings.

Energy measurement
Visualise real-time and historical energy reports of individual luminaires or groups of luminaires.

Smart Building Solutions

Wattwave® is the core technology used in our smart building solutions. With a Smart Connected Lighting solution in place customers can bolt-on our *advanced* solutions to unlock greater smart building capabilities.

Core smart building solution

SMART CONNECTED LIGHTING   *powered by* **wattwave**

Also includes

REPORTING
- Real time reporting
- Historical reporting

REAL TIME ALERTING
- Status changes
- Occupancy/activity

INSIGHTS PLUS
- Weekly digest
- Energy optimisaiton tips

Additional *advanced* solutions

ENERGY
- Circuit & asset monitoring
- Bill validation & analysis

SPACES
- 2D Activity/energy mapping
- Asset locations

PEOPLE
- Environmental sensing
- Adaptive surroundings

Customer success stories

Our Smart Connected Lighting solution is helping customers like Volvo, Virgin Media and claire's accessories achieve as much as 99% energy savings in their buildings.

Our award-winning Smart Connected Lighting solution was voted *Industrial and Transport Lighting Project of the Year* at the Lux Awards 2018.

To read more about our customer success stories visit our website:

www.enmodus.com/case-studies

Smart Connected Buildings

enModus Smart Building Solutions are well suited to large and multi-site facilities.

With no requirement for new wiring or wireless configuration, our retrofitted solutions offer minimal disruption to building occupants and operations.

Large transportation hubs

Manufacturing facilities

Warehouses and logistics centres

Data centres

Hospitals

Car parks

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enmodus.com