



Smart Connected Lighting



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.

By utilising your existing mains powerlines we can retrofit smart lighting in any building. And we use cloud computing to ensure your lighting infrastructure is always accessible and easy to maintain.

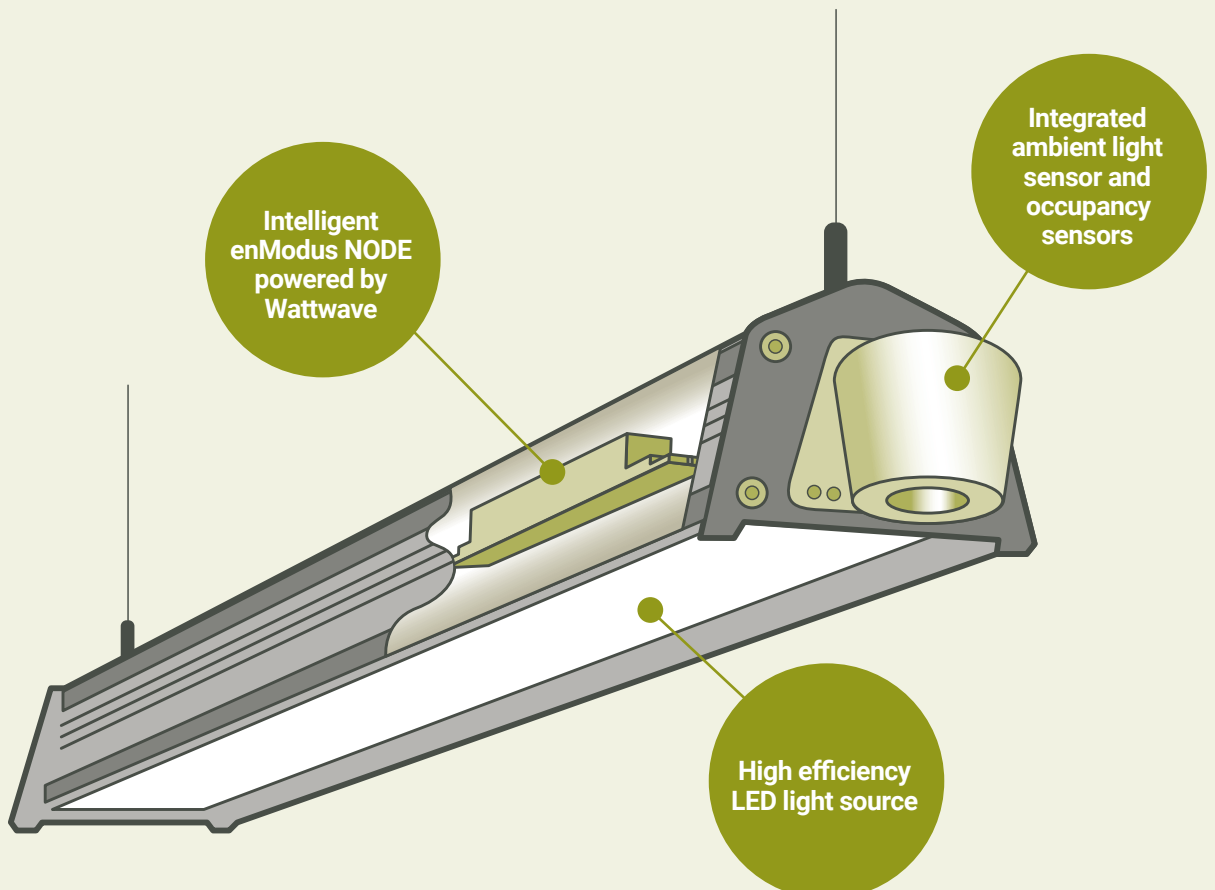
Our real-time reporting gives you second by second insights into your lighting system performance.

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

There is no requirement for on-site servers because we use cloud computing. This allows for maximum scalability and lowest cost.


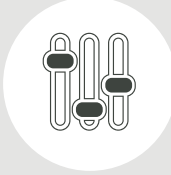


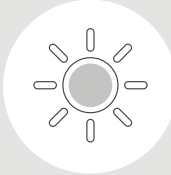


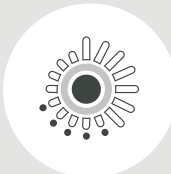

And the results are truly amazing. We can deliver energy savings of more than 90% and our Smart Connected Lighting solutions typically pay for themselves within 12 to 24 months.

Smart Connected Luminaire



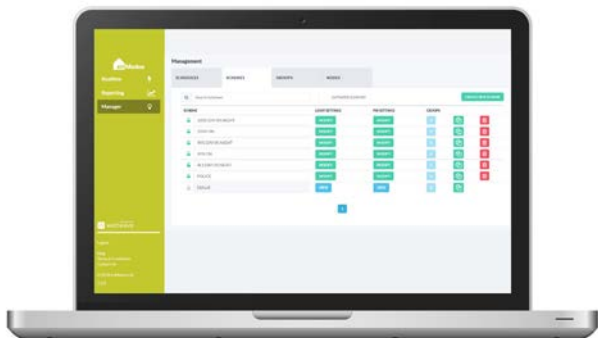
Power is nothing without control

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

| | | |
|---|---|--|
|  <p>No new wires Create a building-wide communications network using the existing powerlines.</p> |  <p>Fully addressable lighting control Control lux levels, PIR settings, daylight harvesting, schedules and schemes to maximise energy savings.</p> |  <p>Energy measurement Minimise energy costs with accurate real-time and historical energy measurement of individual luminaires.</p> |
|  <p>Occupancy monitoring Visualise occupancy, activity and space utilisation in real-time to help optimise capacity planning.</p> |  <p>Daylight harvesting Unlock energy savings by ensuring artificial light is only used when there is insufficient natural light.</p> |  <p>Luminaire status reporting Reduce downtime and maintenance with real-time status reporting and failure alerts.</p> |
|  <p>Emergency light testing Automate regulatory compliant functional and duration emergency lighting tests.</p> |  <p>Constant light output Regulate lux levels and top-trimming as the luminaire output depreciates over time.</p> |  <p>Soft-start Prevent nuisance tripping of breakers with automated variable switching times of each LED light in a circuit.</p> |

You can only manage what you can measure

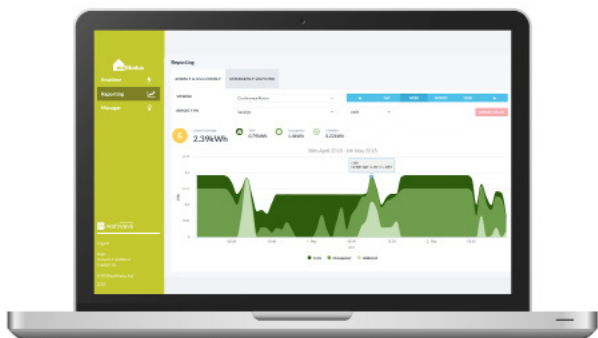
We deliver insights into your lighting system performance using second-by-second reporting for true real-time measurements. This provides greater accuracy on energy consumption and occupancy plus it allows for instantaneous fine tuning.



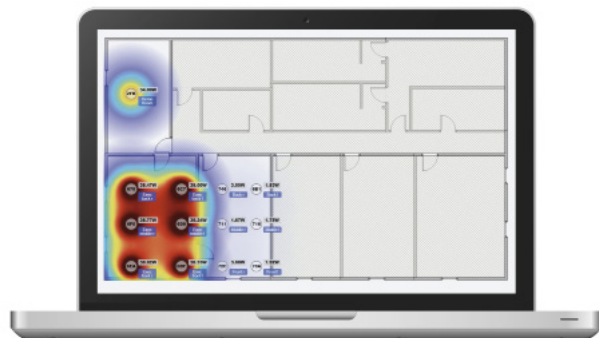
Lighting control
Monitor and control each luminaire to set light levels, PIR settings, daylight harvesting, schedules and schemes.



Energy measurement
Visualise real-time and historical energy consumption of each luminaire.



Control savings factor
Measure energy savings achieved through constant light output, daylight dimming, occupancy sensing and top-trimming.

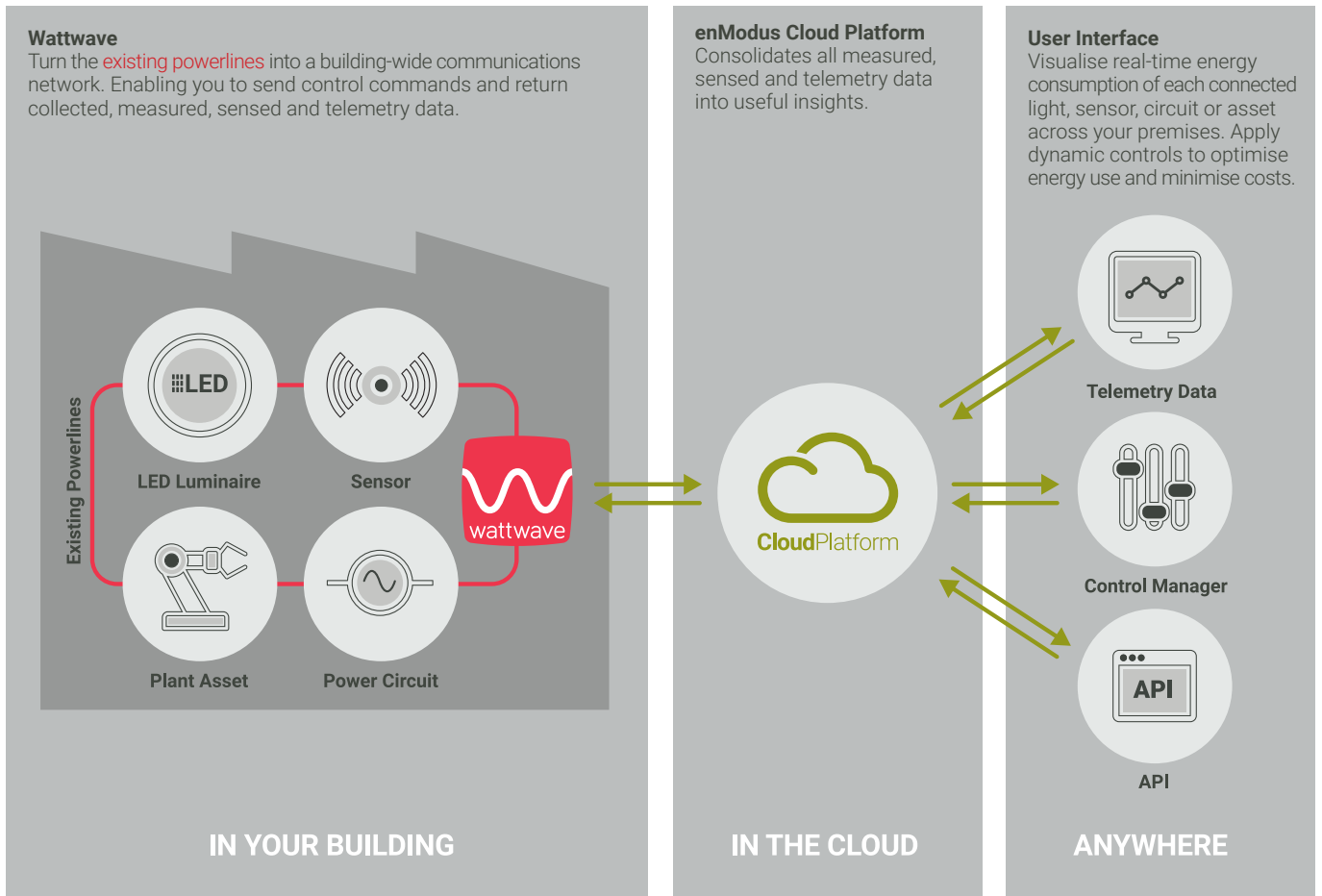


2D Energy mapping
Identify real-time energy consumption by luminaire or space to monitor usage patterns.

Why enModus?

Installing a network of new control wires in an existing building is costly and disruptive.

So, we developed Wattwave and the enModus Cloud Platform to deliver building connectivity, control and intelligence that make any building smart.



Customer success stories

Our Smart Connected Lighting solutions are helping customers like Volvo Construction Equipment, Virgin Media and claire's achieve as much as 99% energy savings in their buildings.

We are proud to say our solution was awarded Industrial & Transport Lighting Project of the Year at the Lux Awards 2018.

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

<https://www.enmodus.com/case-studies/>

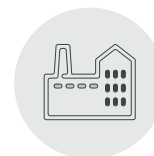


Smart Connected Buildings

Our Smart building solutions are well suited to large, multi-site facilities where wireless technologies may conflict with operational policies, production equipment or environmental factors.



Large transportation hubs



Manufacturing facilities



Warehouses and logistics centres



Data centres



Hospitals



Car parks

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