en Modus

Smart Connected Spaces

We make *any* building smart.

The enModus Smart Connected Spaces solution visualises the utilisation of your building and its energy usage.

Very few buildings utilise 100% of their space 100% of the time. We help you monitior your building space to maximise its utilisation, improve employee productivity and reduce energy costs.

Using Wattwave® and the already installed enModus Smart Connected Lighting solution, we collate data about your buildings and spaces and transfer it to the enModus Cloud Platform.

Our web-based reporting and visualisation tools give you valuable real-time and historical insights into the utilisation and efficiency of your building.

The energy usage data allows you to pin-point consumption by department or specific area.

The anonymous occupancy data allows you to monitor activity and movements.

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

The results are truly amazing. We help you visualise a new dimension of your building utilisation.

Our Smart Connected Spaces solution can enable you to make data-driven decisions on property expansion, capacity planning and identify additional energy saving opportunities.

Where to use Smart Conneted Spaces?

Unlock your building usage data to help your business increase productivity, improve energy efficiency and enhance occupants wellbeing.

2D Energy mapping
Visualise real-time energy consumption by luminaire or space. Allows you to identify energy saving opportunities.
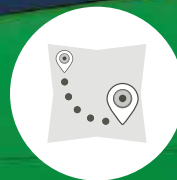
Activity monitoring
Visualise anonymised in-building movements at a micro scale whilst complying with employee data privacy laws.

Capacity planning
Visualise and evidence underutilised areas. Allows you to reconfigure your building space and avoid unnecessary expansion.
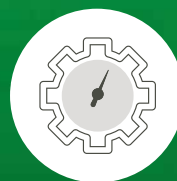
Forensic reporting
Evidence occupancy of your premises or restricted areas during out-of-hours.

Optimise building spaces
Utilise occupancy data with HVAC and BMS systems to create a more energy efficient working environment.

Operational efficiency
Use occupancy data to reduce bottlenecks and make evidence based decisions.

Transform big data into big understanding

We help you visualise a new dimension of your buildings' performance using second by second reporting.

No new wires
Use Wattwave® to transform the existing power lines into a building-wide communications network.
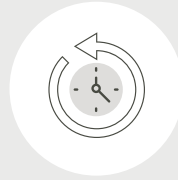
enModus Cloud Platform
Consolidate and organise all measured, sensed and telemetry data into useful insights.

Real time accuracy
Visualise insights with real time accuracy to help you make instantaneous data-driven decisions.

Historical reporting
Customise reports for any time period to help you make data driven decisions about your building utilisation.

Open API
Easily integrate with other building management systems or analytics platforms.

Secure data
Secure your data in the cloud and leverage the strength of Microsoft Azure cloud technology.

Access from anywhere at any time

Our web-based User Interface (UI) visualises space utilisation and occupants' movements and energy consumption in real-time for improved accuracy.

2D Occupancy mapping
Gain valuable real-time insights and detailed historical reporting of building space utilisation. Incudes historical time-lapse reporting with a 2D aerial view of occupants activity.
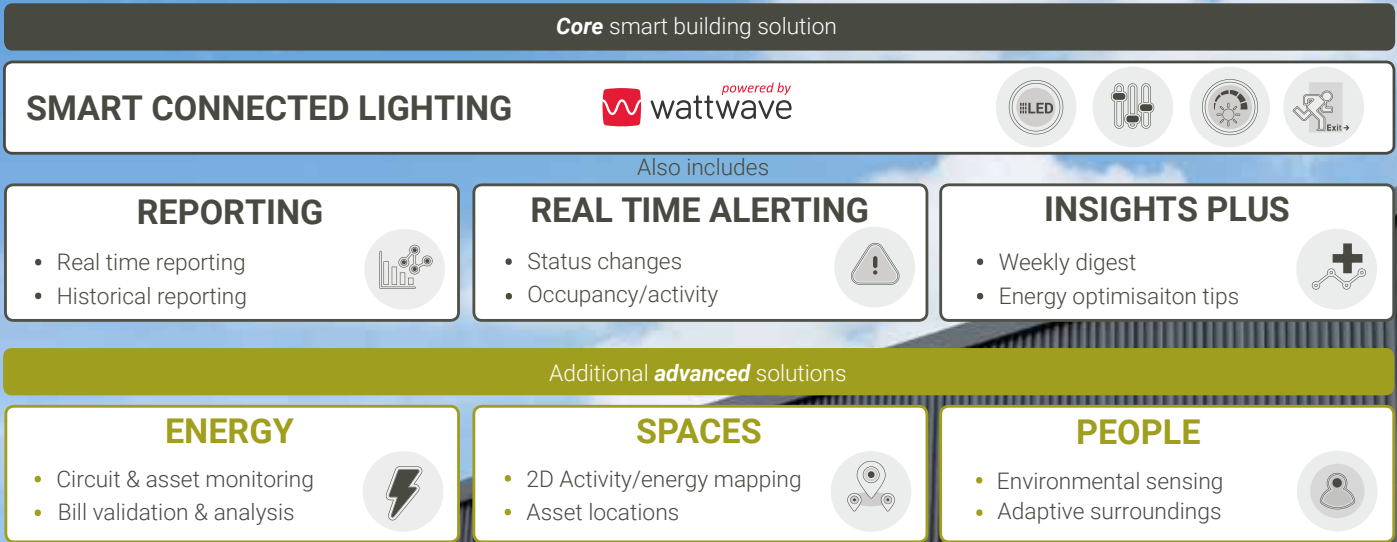
2D Energy mapping
Upload 2D floor plans and view your energy usage in real time, or user specified historical time periods. Identify usage patterns with a macro scale (building-wide) or micro scale (per luminaire) perspective.

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 Spaces solution is helping customers like Volvo to measure and visualise the space utilisation within their buildings.

What's more, we are helping our customer save money by reducing their energy consumption and increase their profits by improving their operational efficiencies too.

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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