



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 optimise your building space to maximise its utilisation, improve employee productivity and reduce energy costs.

Using your existing enModus Smart Connected Lighting solution we collect data about the movements of the occupants and the buildings' energy consumption.

We transfer the data, using our Wattwave protocol, via the existing mains power lines to the enModus Cloud Platform for visualisation.

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

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

The anonymous occupancy data allows you to monitor activity and movements in compliance with employee data privacy laws.

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 solution allows you to make data driven decisions on property expansion, capacity planning and identify additional energy saving opportunities.

Where to use Smart Connected 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 in-building activities on a micro scale whilst complying with GDPR and employee data privacy laws.



Capacity planning

Visualise and evidence underutilised areas. Allows you to reconfigure your building space and avoid unnecessary expansion.



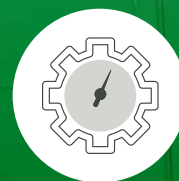
Forensic reporting

Evidence occupancy of your property during out-of-hours as an additional layer of location reporting.



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. The real-time measurements and historical reporting provide fine-grained accuracy on occupants movements, space utilisation and energy consumption.



2D Occupancy mapping

Gain valuable real-time insights and detailed historical reporting of building space utilisation. Includes historical time-lapse reporting with a 2D ariel view of occupants activity.

2D Energy mapping

Upload 2D floor plans to 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.



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.



Real time accuracy

Visualise occupancy data and energy usages in real time allowing you to make building change decisions instantly.



Historical reporting

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



Anonymous monitoring

Visualise the most active areas of your building and comply with employee data privacy regulations.

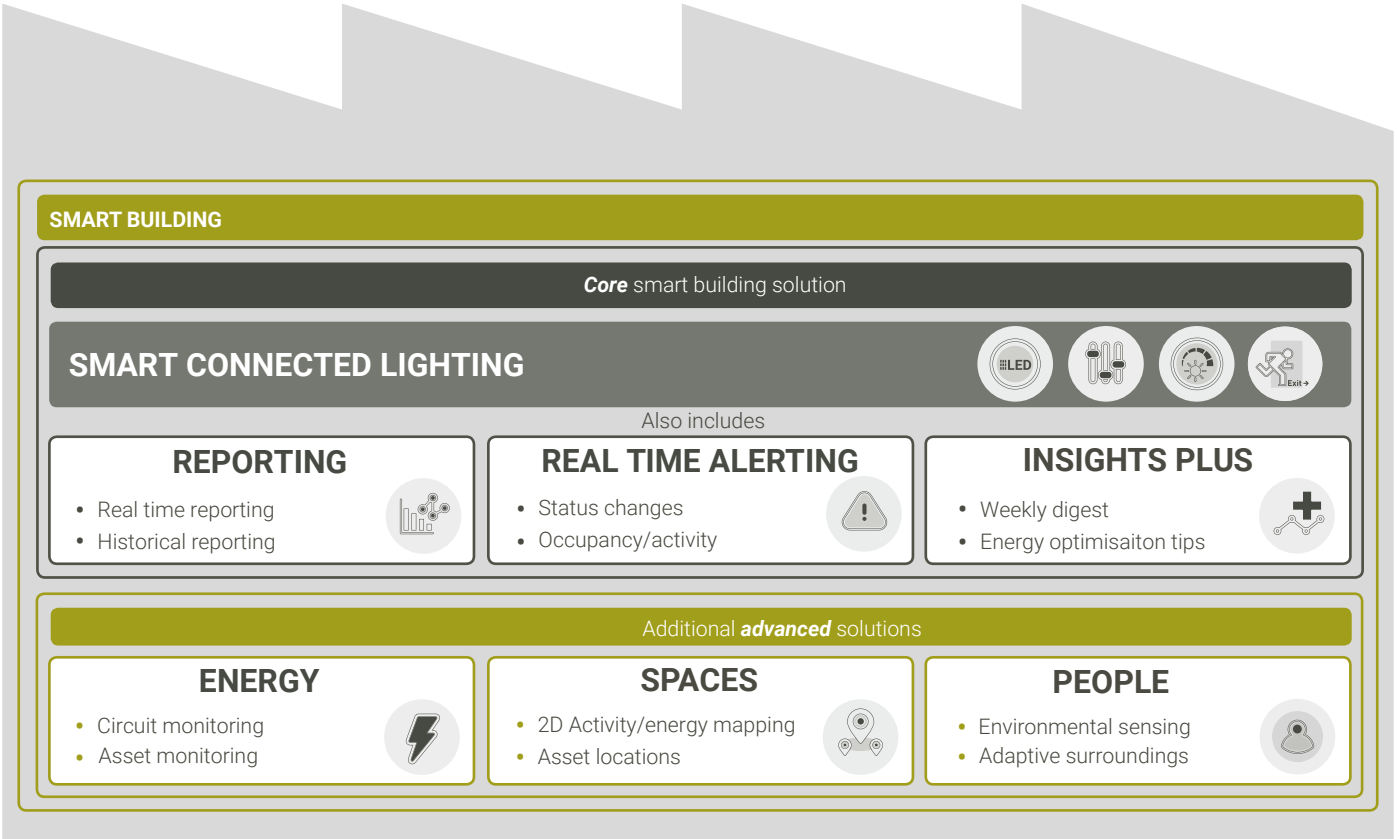


Secure data

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

Smart Building Solutions

Smart Connected Lighting is at the core of our smart building solutions. Customers can unlock greater smart building capabilities with our advanced solutions.



Customer success stories

Our Smart Connected Spaces solutions are helping customers like Volvo visualise the utilisation of their buildings and the occupants activity within.

What's more, we are helping our customers reduce their energy consumption and improve their operational efficiencies too.

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

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.



We make any building smart
enmodus.com

© 2018 enModus Ltd. All rights reserved. enModus reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

Ref: Smart Connected Spaces Solutions Guide v1.0 - October 2018