ONNEC IQ

THE FASTER WAY TO OPTIMISE YOUR BUILDING DATA

OPTIMISING YOUR BUILDING DATA

We demand a lot from our buildings today. But are they utilised effectively? Are they energy-efficient or could operational maintenance costs be reduced? The answers lie in your data.

Accurate data is critical in making these informed business decisions but finding and connecting quality data across modern or legacy building, single or campus real estates, where many data sources exist, are the more difficult challenges.
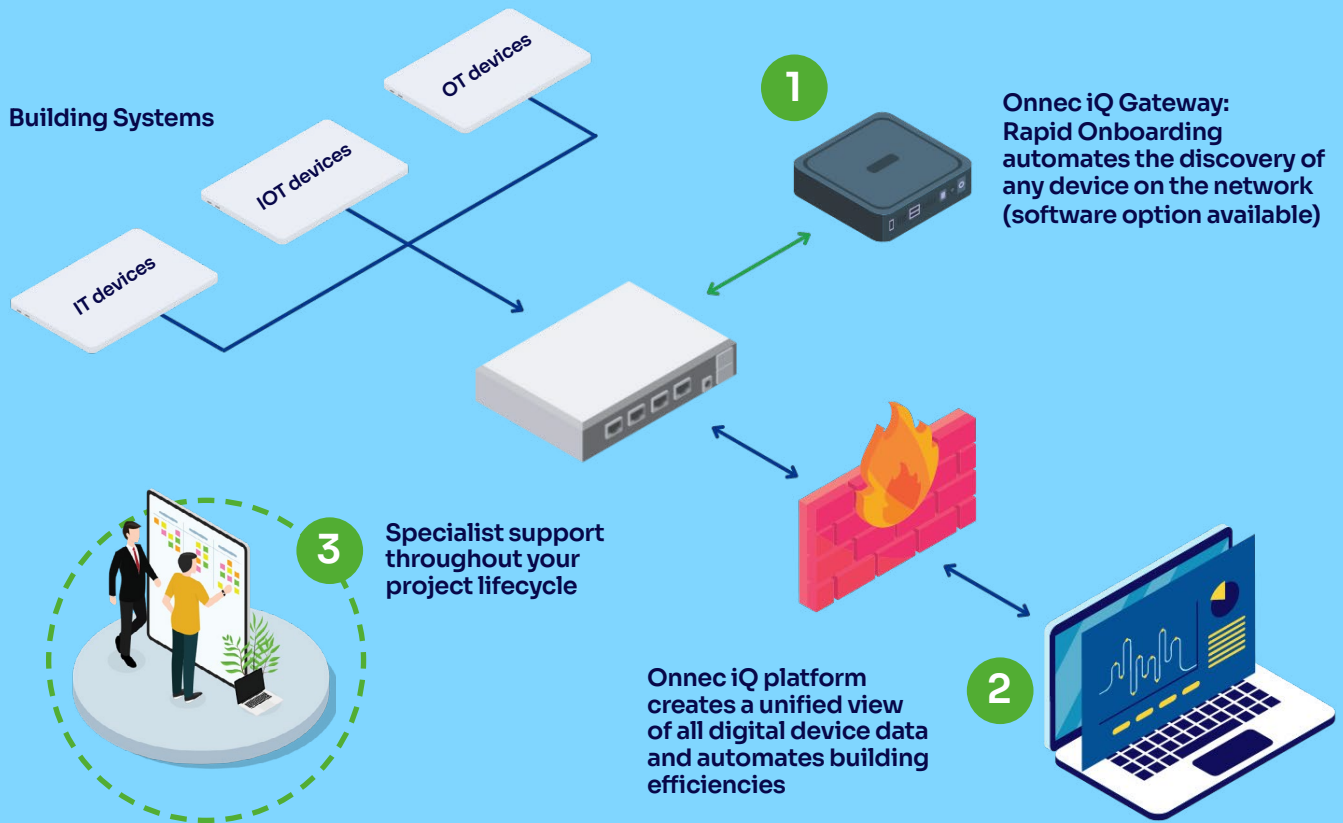
Onnec iQ accelerates and automates the process of securely connecting all your building portfolio data. By capturing and analysing device-level data, Onnec iQ can identify the root cause of energy waste and inefficient building operations, then automate changes to the building systems based on pre-determined rules. Allowing you to drive investment decisions, cut operations costs and accelerate your path to Net Zero.

- ✓ **MEASURE DATA FROM ALL BMS SOURCES, IOT DEVICES AND OT DATA POINTS**

- ✓ **ONE VIEW TO MANAGE YOUR ENTIRE PROPERTY PORTFOLIO**

- ✓ **MAKE MORE INFORMED ASSET INVESTMENT DECISIONS**

- ✓ **TACKLE EFFICIENCY AND ENERGY WASTE FASTER**

ONNEC iQ

HOW IT WORKS

3 steps to quickly capture, measure, manage and optimise your building data:

Building Systems

OT devices

IOT devices

IT devices

1

Onnec iQ Gateway: Rapid Onboarding automates the discovery of any device on the network (software option available)

3 Specialist support throughout your project lifecycle

Onnec iQ platform creates a unified view of all digital device data and automates building efficiencies

2

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1 ONNEC IQ GATEWAY

Onnec iQ Gateway automates the discovery of any device on your network, without the need for manual resource. This accelerates the process of capturing device-level data up to 50% faster than alternative methods*.

2 ONNEC IQ PLATFORM

The Onnec iQ platform connects all your building data in a unified view, so you can measure, manage, and optimise your energy consumption. Onnec iQ identifies the root cause of energy waste and inefficient building operations, then automates changes to the building systems based on pre-determined rules.

3 MSI SERVICES

Our specialist global team of Master System Integrators (MSI) support our customers through their whole project lifecycle, advising on data strategy, overseeing deployment and providing on-going support, for an accelerated, seamless process.
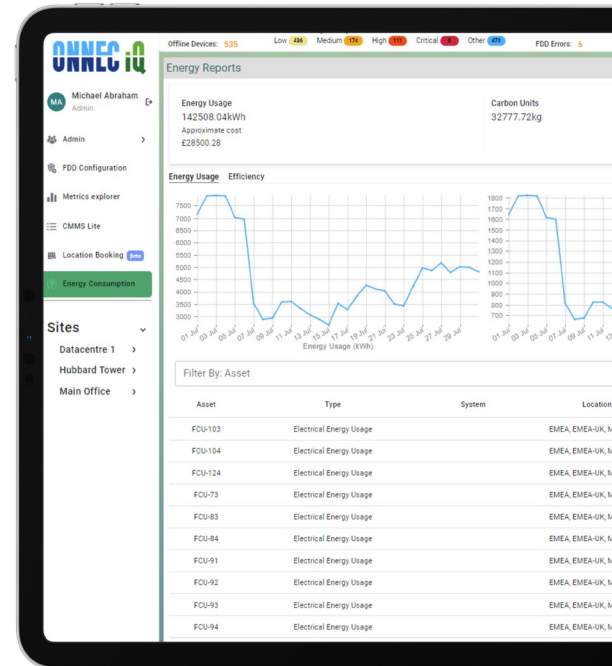
*compared to industry standard approach

ONNEC iQ

OUR PLATFORM

Measure, manage and optimise your building data

The Onnec iQ platform is a customisable technology tool that connects all your building portfolio data so you can measure, manage, and optimise your energy consumption. By capturing and analysing device-level data, Onnec iQ can quickly and securely provide a holistic, unified view of all your energy and performance data by buildings, device or tenant. In one place, you get all the insights you need to create smarter, more efficient building portfolio.

- **Real-time monitoring of energy consumption**

- **Device-level data presented as a single, unified view**

- **Easy integration with other CMMS infrastructure**

- **Identify the root cause of energy waste and inefficiencies**

- **Set custom defined rules for continuous optimisation of your building systems**

OUR MSI TEAM

Master System Integration Specialists

Our proven, global MSI team has a deep understanding of smart building infrastructure and has real world experience and expertise in all areas of data strategy, validation and management. From network, to BMS, to cyber, and everything inbetween - we have the skillset in-house to support your smart building end-to-end.

As an MSI specialist, we fully support your project team to streamline the integration of various building systems, technologies, and components to ensure they work together harmoniously and efficiently. Our specialists work with you to define the rules engine required for optimal performance and facilitate the process towards an efficient, sustainable and user-friendly environment.

Our approach to managing these demands not only mitigates project risks but also guarantees timely and budget-friendly delivery.

ONNEC IQ GATEWAY
RAPID ONBOARDING

Rapid Onboarding using Onnec iQ Gateway is the fastest way to connect all your building data, up to 50% faster than alternative methods. Onnec iQ Gateway automates the discovery of any device on your network, without the need for manual resource, accelerating the route to capturing and analysing device-level data. The result? A faster and more accurate process to get a digital picture of the energy consumption of your entire building portfolio.

ONNEC IQ GATEWAY WITH ZERO TOUCH PROVISIONING

Onnec iQ Gateway rapidly connects all your building data by using Zero Touch Provisioning (ZTP). ZTP accelerates the discovery of all energy consuming devices on your network, helping IT teams to quickly deploy network devices in a large-scale environment, eliminating most of the labour involved with adding them to a network.

- ▶ ZTP seamlessly integrates all devices and systems to accelerates the realisation of energy savings and operational efficiencies

- ▶ ZTP's automated configuration reduces the time and costs of manual implementation

- ▶ ZTP updates all devices with the latest security settings

ONNEC iQ

FEATURES & BENEFITS

Discover why customers choose Onnec iQ

Real-time Monitoring for Real-time results

Empower decision makers with accurate, live monitoring of device-level energy consumption, waste production and air quality, allowing for quicker identification of inefficiencies and opportunities for automated, energy-saving and health-advancing measures.

Fault Detection & Predictive Maintenance

Onnec iQ monitors all your building systems and equipment, automatically detecting faults and identifying the root cause of energy waste and operational inefficiencies. Set customisable fault rules for continuous automation & optimisation of your building systems.

A Single, Unified View of your Entire Portfolio

By collecting and aggregating data from all your buildings - per device, per floor - our Onnec iQ platform can create a unified, holistic picture of how your buildings are occupied and operating – essential for today's ESG reporting.

Seamless Integration with Existing and New Devices

Our platform is device and software agnostic, integrating with most existing smart building applications such as indoor air quality, meeting room booking, space utilisation and energy management.

Cost Savings through Efficiency & Speed

Onnec iQ pulls together a wide array of operational information, before structuring it to reveal ways that you can reduce energy consumption, monitor conditions, and lower energy costs. Our rapid onboarding allows us to bring buildings online in weeks for faster savings.

Scale across Entire Portfolio

Onnec iQ can be scaled from a single building to an entire campus to an entire enterprise portfolio. Our device validation process simplifies the addition of new devices and provides immediate data on their performance.

Easy Configuration and Quicker Deployment Time

Our Rapid Onboarding Gateway gets your data online quickly and securely, without the need for manual intervention. It automates the process of discovering devices, significantly reducing the time spent on manual configuration.

Enhanced Security Configuration

Onnec iQ enables all devices to be automatically provisioned with the latest security settings and updates, ensuring your building automation system remains secure and up-to-date throughout the project lifecycle.

ONNEC iQ

TRUSTED & ACCREDITED

We are practioners of global standards at all stages of a buildings life-cycle, from design through to operation and maintenance, ensuring our delivered services and solutions enable our customers to gain and maintain their certifications.

GRESB PREMIER SOLUTIONS PARTNER

GRESB is the global standard for portfolio-level ESG reporting in the real estate sector. More than 120 institutional and financial investors use GRESB data to monitor their investments, engage with their managers, and make decisions that lead to a more sustainable and resilient world. As a Premier Solutions Partner, Onnec iQ will support GRESB members in the real estate industry to collect, report and manage their ESG data to support the GRESB reporting process.

WIREDSCORE ACCREDITED SOLUTION

WiredScore sets the global standard for technology in the built world through certification and education. The certification provides clarity on what constitutes a smart building, guidance on how to achieve the status, and proof of the value it adds to their asset. Our MSI team, utilising our Onnec iQ platform, can now help building owners and users understand, improve, benchmark and promote smart technology in their buildings and developments, to get SmartScore certified.

WELL CORNERSTONE MEMBER

The International WELL Building Institute (IWBI) is leading the global movement focused exclusively on the ways that buildings and communities, and everything in them, can improve our comfort, drive better choices, and generally enhance, not compromise, our health and wellness. As an IWBI Cornerstone member, Onnec iQ will be able to further support our clients and partners in achieving their high-performance building goals with humans at the centre.

LEED GOLD MEMBERSHIP

LEED, or Leadership in Energy and Environmental Design, is a globally recognised certification focused specifically on sustainability. Our LEED Gold membership provides us with the framework for supporting healthy, efficient, carbon and cost-saving buildings. Our membership acknowledges our commitment to holistic sustainability – and how Onnec iQ brings energy, water and health data together to enable fully-informed business decisions.

ONNEC iQ

CUSTOMER SUCCESS

We are working on a number of high-profile projects for some of the world's most progressive companies. One client, a global technology giant and leading advocate for innovation in sustainability, wants to optimise the operational efficiency of its London headquarters building.

We were quickly able to identify that the root cause of energy waste due to a poorly configured BMS. By making data visible and available, their operational teams benefit from a customisable, rules-based decision engine that is independent of the underlying systems, and enables them to make data-driven decisions.

In their 180,000 sq ft building in central London, Onnec iQ was able to save them £68,100 in 3 months. These savings represented almost a 47% reduction in energy expenditure*.

Please get in contact with us if you would like to discuss how Onnec iQ can help you with your building optimisation project.

*energy analysis of the BMS equipment for the 3 month period Feb-Apr 2021

ONNEC iQ

ABOUT ONNEC IQ

Onnec iQ accelerates the process of securely connecting all building systems and devices, to create a real-time, holistic view of the energy & performance data of your entire building portfolio. By capturing and analysing device-level data, Onnec iQ can identify the root cause of energy waste and inefficient building operations. Allowing you to drive investment decisions, cut operations costs and accelerate your path to Net Zero.

We are practioners of global standards at all stages of a buildings life-cycle, from design through to operation and maintenance, ensuring our delivered services and solutions enable our customers to gain and maintain their certifications. These include being a GRESB Premier Solutions Partner, a WiredScore Accredited Solution, a LEED Gold Member and a WELL Cornerstone Member.

www.onneciq.com