

EnOcean

Self-powered IoT

Discover the world of EnOcean, the pioneer of energy harvesting, and Aruba, a Hewlett Packard Enterprise company

In the Internet of Things (IoT), sensors are the ears and eyes of intelligent buildings. They collect raw data that form the basis for the analysis and visualization of a smart building. EnOcean obtains energy for wireless sensors from the immediate surroundings – from motion, light and temperature.

EASYFIT
by EnOcean

aruba
a Hewlett Packard
Enterprise company



EnOcean and Aruba ensure a safe and cost-effective delivery of the collected data to the cloud for IoT projects in the building environment. The wireless, self-powered EnOcean sensors send the raw data via an EnOcean USB gateway to Aruba's Wi-Fi® access point, which pushes the data into the cloud. Companies can simply use their existing IT stick infrastructure and integrate IoT sensors into their network via Wi-Fi, in compliance with all security standards, thanks to Aruba.

Your benefits

- Flexible use of your building for different and changing usage scenarios
- Easy integration of EnOcean energy harvesting sensors into your built environment
- Reduces IoT project costs by using the existing IT infrastructure: no separate gateways and associated network requirements / permissions required
- High security standard due to a secure tunnel to the cloud
- Easy implementation of your own monitoring and control solutions based on EnOcean
- Easy access to the entire portfolio of the EnOcean Alliance eco system (nearly 5,000 products)

Case studies

SMART OFFICE – desk occupancy: Movement sensors on chairs and tables detect when a workspace is occupied. This helps to manage shared office spaces efficiently and supports employees in finding a free spot quickly and easily.

SMART CLEANING – restroom maintenance: Sensors show the occupancy status of restrooms and indicate when towels, soap or toilet paper need to be refilled; reducing the need for manual checks and the restrooms are always well equipped and clean.

Getting started

Our IoT Starter Kit EISKU provides a quick and easy start for the integration of EnOcean sensors into your IoT solution. The set includes everything you need: EnOcean USB 500U, the solar-powered multisensor EMSIU (including STM 550U), the magnet contact sensor EMCSU, the temperature and humidity sensor ETHSU as well as the double rocker pad EDRPU. With the USB device the starter kit opens up the world to 5,000 products from members of the EnOcean Alliance.



Easy extension with EnOcean

With Easyfit devices from EnOcean you can easily extend your IoT solutions, making projects more energy-efficient, more flexible and lower in cost. Whether battery-free Easyfit switches, solar-powered temperature, humidity and magnet contact sensors or a solar-powered multisensor – the application possibilities are versatile. Check out the entire Easyfit portfolio here: www.easyfit-controls.com

Contact

Interested? We are happy to answer your questions and support you with your individual IoT solution in your smart building. Please contact us: iot@enoclean.com

For more information visit www.enoclean.com/en/aruba

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