EnOcean
Self-powered IoT

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

ENOCEAN AND ARUBA – THE EASY WAY TO SMART BUILDINGS
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. We at EnOcean obtain energy for our wireless sensors from the immediate surroundings – from motion, light and temperature.

EASYFIT
by EnOcean

aruba
a Hewlett Packard
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aruba

enocean alliance
Promoter

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 a building for different and changing usage scenarios
- Easy integration of EnOcean energy harvesting sensors into a built environment
- Reduced IoT project costs due to the usage of 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 existing monitoring and control solutions based on EnOcean
- Easy access to the entire portfolio of the EnOcean Alliance eco system
- EnOcean sensors don't require maintenance or battery changes

Case studies

SMART OFFICE – desk occupancy: Vibration 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. No need for manual checks anymore and the restrooms are always well equipped and clean.

Getting started

Our IoT Starter Kit (EISKA) provides a quick and easy start for the integration of EnOcean sensors into your IoT solution. The set includes everything you need: the EnOcean USB stick USB 300, our solar-powered multisensor EMSIA as well as the Easyfit double rocker pad EWSDA.

Easy extension with Easyfit

With our Easyfit devices you can easily extend your IoT solutions, making them 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**
There are also thousands of different compatible devices from members of the EnOcean Alliance.

Contact

Interested? We are happy to answer your questions and support you with your individual IoT solution needs.
Please contact us: **iot@enocean.com**

For more information visit **www.enocean.com/en/aruba**

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