

EnOcean Alliance

The EnOcean Alliance is a consortium of companies originally formed to work together to further develop and promote self-powered wireless monitoring and control systems for sustainable buildings. A group of key companies across Europe and North America formed the EnOcean Alliance as a non-profit, mutual benefit corporation which has the formal purpose of:

- establishing energy harvesting wireless technology as the **self-powered wireless standard for smart buildings**
- helping to bring about the existence of a broad range of **interoperable wireless monitoring and controlling products** for use in and around residential, commercial and industrial buildings, the Internet of Things and to promote global trade in such products
- developing the specifications for the interoperability of the sensor profiles for the wireless products operating in unlicensed frequency bands. Basis for this is the **international standard ISO/IEC 14543-3-1X**, which is optimized for wireless solutions with ultra-low power consumption and energy harvesting

The EnOcean Alliance was officially created in April 2008. The majority of product manufacturers of EnOcean technology, suppliers to the eco-system, as well as additional major international companies developing with the technology are committed to the Alliance. The Alliance has three membership classes:

- **Promoters:** innovative and key players who lead, define and drive the Alliance
- **Participants:** companies and suppliers providing products and services using the Alliance technology
- **Associate Members:** building professionals, academics, smaller distribution partners and others interested in the technology, advancements, examples, training etc.

The EnOcean Alliance has the largest installed base of field-proven wireless building control automation networks in the world. Currently more than 400 companies worldwide are committed to the Alliance. The EnOcean Alliance is based in San Ramon, California, USA.