Remote Commissioning

Technical overview

Marian Hönsch / Technical Working Group
Remote Commissioning (RECOM):
- Builds on REMAN
- Defined new function codes for SYS_EX
- Complex processes – link tables, device parameters, discovery
- This is the **interesting protocol**

Remote Management (REMAN):
- the SYS_EX telegram and structure definition
- Basic processes and function
Remote Commissioning - Use Cases

- **Set Up** - During commissioning of newly installed networks
- **Maintenance** - When modifications, by adding and removing devices and/or changing devices’ configuration parameters.
- **Replace** - When replacing a non-operating device with a pre-commissioned, ready to install one.
- **Troubleshooting** - When trouble shooting an operating EnOcean network.
Three pillars

Interoperable Remote Commissioning

- Remote Commissioning Specification
- Cross-Device Interoperable Communication Standard
- Standardized Device Features Description
- Unified Product Labeling & Reference in Field
- Commissioning Tools
- Remote Commissioning Device Certification

EnOcean Eco System
Get Product Id

Commissioned device

1. Scan Product ID and EnOcean ID
Get Device Description file

1. Query Device Description File with Product ID
   https://enocean-alliance.com/ddf/[MAN-ID]/[PRODUCT-ID]

2. Get DDF - XML
Use case – Linking

1. Scan the switch

2. Add switch to Link Table

3. Switch will immediately work
Use Case - Parameters

- Set temperature in HVAC
- Dimmer settings
- Energy settings
- Control panel set up
- Timers in occupancy
Contact
For further information
please feel free to contact us

EnOcean Alliance
2400 Camino Ramon, Suite 375
San Ramon, CA 94583
USA

info@enocean-alliance.org
www.enocean-alliance.org