EnOcean Alliance Members Meeting

Technical overview

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Remote Management – REMAN

Remote Commissioning:
- Builds on REMAN
- Defined new function codes for SYS_EX
- Complex processes – link tables, device parameters, discovery
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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

- teach-in manually
- configured proprietary
- limited device description
- teach-in automatically
- standardized remote configuration
- full device description
Get Product Id

Commissioned device

1. Scan Product ID and EnOcean ID
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
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