



## EnOcean Alliance Members Meeting

Technical overview

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## Remote Commissioning

## Remote Management

### 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

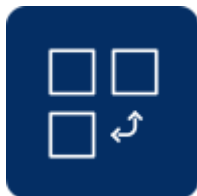
# Remote Commissioning - Use Cases



- **Set Up** - During commissioning of newly installed networks



- **Maintenance** - When modifications, by adding and removing devices and/or changing devices' configuration parameters.

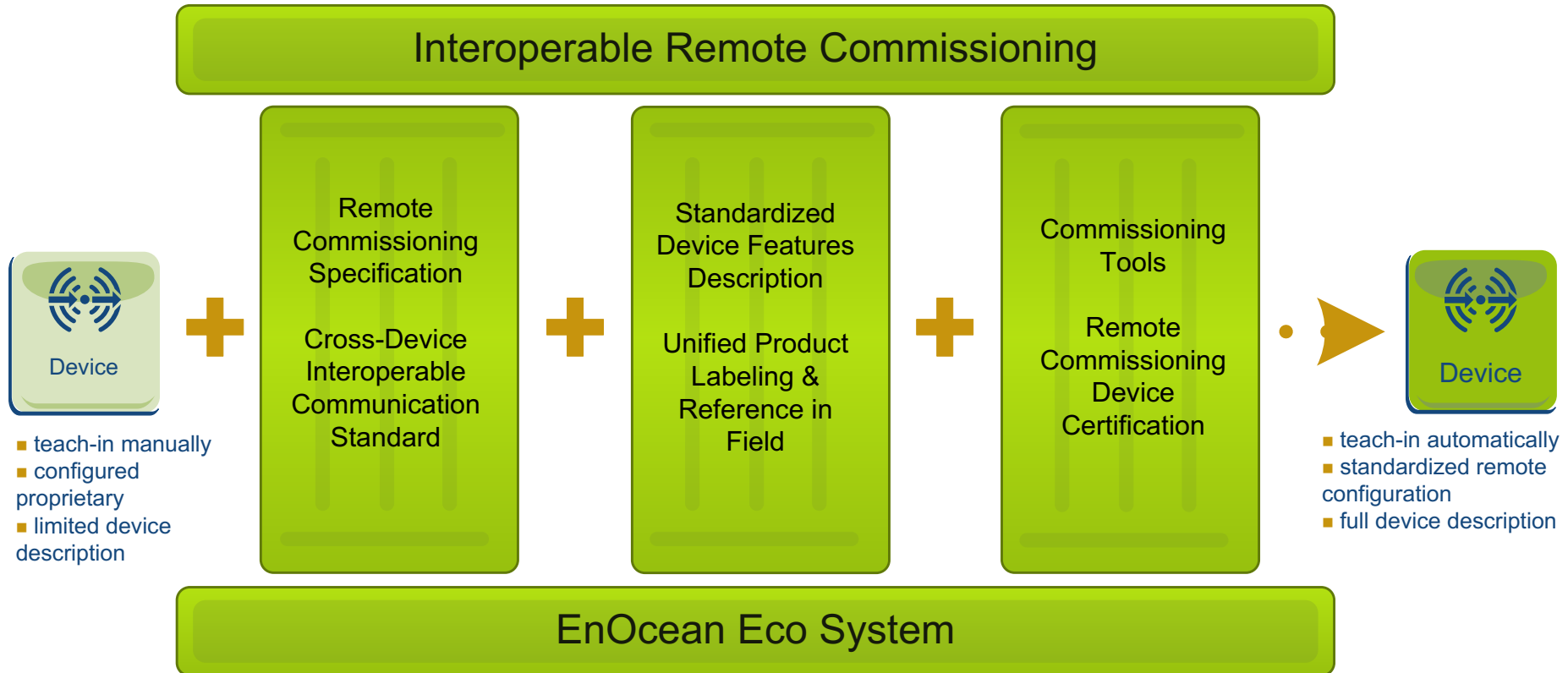


- **Replace** - When replacing a non-operating device with a pre-commissioned, ready to install one.



- **Troubleshooting** - When trouble shooting an operating EnOcean network.

# Three pillars



# 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

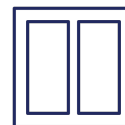
1. Scan the switch



2. Add switch to Link Table



3. Switch will immediately work



# Use Case - Parameters



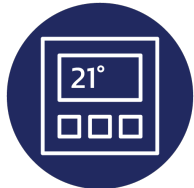
Set temperature in HVAC



Dimmer settings



Energy settings



Control panel set up



Timers in occupancy





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**Contact**

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