enocean alliance
No Wires. No Batteries. No Limits.

Agenda for the TWG-workshops
part of the EnOcean Alliance Members Meeting

Luxembourg, 15th - 17th May 2018

Locations:
TWG workshops   Park Inn Hotel   45-47 Avenue de la Gare, 1611 Luxembourg
Website   :   https://www.parkinn.com/hotel-luxembourg/
Phone   :   +352 26 89 18 1

Tutorials   BNP Paribas   50, avenue J.F. Kennedy, 2951 Luxembourg

Invitation

The TWG invites technical personnel of each member company of the EnOcean Alliance to join the workshops. The workshops are open to all members of the EnOcean Alliance. It is the opportunity for each and all members to contribute to the different topics listed below and steer the Alliance in the direction suitable for the business.

The focus of the workshops is to progress the system specifications, i.e. some system knowledge is beneficial to understand the content and to contribute.

There are no pre-defined time-slots. The topics will be progressed as their complexity will allow for it and till we will have achieved results.

The language at the workshops will be English, the tutorials are planned to be delivered in English and German.

Tuesday, 15th May

12:00 – 13:00 Lunch at Park Inn Hotel (only for TWG workshop participants)

13:00 – 18:30 TWG workshops[1] (only for TWG workshop participants)

ReCom 2.0 (lead by Marian Hönsch, EnOcean GmbH)

To be addressed: secure ReCom (overview, summary of review); ReCom range extension, e.g. via repeaters or routing; secure ReCom process (as a component of secure EnOcean networks); ReCom with bi-directional sensors and actuators; validation of ReCom as part of the Certification Program

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[1] The sequence of the workshop topics might change, depending on the audience and the course of the discussions.

ProductID, labeling, DDF (lead by Marian Hönsch & Tobias Meyer, EnOcean GmbH)

To be addressed: common database for an efficient ReCom tool and improved interoperability; next release of the DDF; definition of the mandatory set of data and optional additions;

Certification, issues to be resolved (lead by Armin Pelka, Certification Manager, EnOcean Alliance)

To be addressed: certification of product sets (e.g. starter-kits); certification of accessories (e.g. switch-frame); certification of secure profiles; air interface certification of PTM215 in secure mode;

19:00 -   TWG Dinner, invitation by the Chairman of the Alliance (only for TWG workshop participants) – Restaurant at Luxemburg center (TBA)

Wednesday, 16th May

09:00 – 18:30 TWG Meeting (only for TWG workshop participants) at **Park Inn Hotel**

EEP-submission (lead by Tobias Blank, Diehl Controls GmbH)

To be addressed: simplification and acceleration of the submission and approval process; automatic generation of data (xml, IP abstraction, test containers); EEP-file structure.

New EEPs submitted (lead by Norbert Metzner, Digital Concepts GmbH)

Introduction of EEPs submitted recently to TWG-review.

EnOcean over IP 2.0 (lead by Oliver Fischer & Claus Engelhardt, Digital Concepts GmbH)

To be addressed: recap EnOcean over IP 1.0; DDF in IP; the role of ProductID and DDF within EnOcean over IP; rules for an end-to-end communication; integration of ReMan and ReCom; bi-directional sensors and actuators; validation aspects

EEP 3.0 (lead by Marian Hönsch, EnOcean GmbH, and Norbert Metzner, Digital Concepts GmbH)

To be addressed: the future of THE EEP, looking at the requirements of IoT; modular EEP-structure applying pre-defined parameters; pre-defined keys (ref.: EnOcean over IP);

12:00 – 13:00 Lunch at Park Inn Hotel (only for TWG workshop participants)

20:00 -   Informal Networking Event at **Légère Hotel Bar** (All members invited) – approx. 45 mins by public transport from Park Inn Hotel

Tutorials

Thursday, 17ᵗʰ May

08:00   Shuttle Bus leaves Légère Hotel for BNP Paribas

About 30 mins   by public transport from Park Inn Hotel to BNP Paribas

10:00 – 13:00   Technical Training (in English, pre-registration necessary) at **BNP Paribas**

Each tutorial will last 30 to 45 mins, plus sufficient time for questions.

The System Specifications of the EnOcean Alliance (by Marian Hönsch, EnOcean GmbH)

Will address: - an overview of the System Specifications created and maintained by the
                    EnOcean Alliance
                    - Where to find these System Specifications
                    - A very brief into to each System Specification

How to certify an EnOcean-based product ? (by Armin Pelka, Certification Manager,
EnOcean Alliance)

Will address: - introduction into the Certification Process of the EnOcean Alliance
                    - A brief introduction into each Certification Specification
                    - Introduction into the tool and templates available
                    - A practical example

How to design an EEP ? Dos **and Don't Do**s (by Norbert Metzner, Digital Concepts GmbH,
und Thomas Rieder, ViCOS GmbH)

Will address: - introduction into the template for EEP submission and the submission &
                    approval process
                    - A best practice example
                    - Hints for generation of IP abstraction and test container
                    - Mistakes to be avoided

How to integrate ReCom into a design for Commissioning and Parametrization ? (by
Tobias Meyer, EnOcean GmbH)

Will address: - the importance of ReCom within the EnOcean Alliance
                    - Hints for integration of ReCom in a system's concept
                    - Mistakes to be avoided
                    - A best practice example

12:00 – 14:00   Finger food lunch

12:00 - 21:30   Open House event in cooperation with Neobuild & SBA at **BNP Paribas**
                    EnOcean Alliance Members Demo Tables (see separate draft Agenda -
                    enclosed)