

**Participants:** Svetla Nikova, Aysajan Abidin (KU Leuven), Jörg Daubert (TU Darmstadt), Ronny Bjones (Microsoft), Amardeo Sarma (NEC Europe), Eric Blot-Lefèvre, Stéphane Amarger (Trustseed), Christine Jamieson, David Goodman (TDL), Volkmar Lotz (SAP), Huma Shah (Coventry University), Mads Schaarup Andersen, Jonas Lindstrom (Alexandra Institute), Wendy Grossman

**Apologies:** Rob Kroneman (Verizon)

David explained that the meeting would review progress to date on the work items:

## **(A) Demonstrator Platform**

The objective of this task is to demonstrate the trustworthiness of IoT systems and devices with a demo that includes testing, verification, certification as well as labelling which can be broken down into a conceptual architecture, tools and metrics.

This activity will be pursued as part of the next generation sprint activity involving Verizon and Microsoft, linking their two platforms – Azure and ThingSpace

**ACTION:** Rob Kroneman, Amardeo Sarma, Ronny Bjones & Kai Rannenberg

## **(B) IOT Device Security: Quantification and Improvements**

Jörg gave an update on the two projects that are being led by TU Darmstadt, indicating that, despite work continuing apace, there was not much to report.

**ACTION:** David to keep in touch with Jörg and colleagues

## **(C) Insights & Recommendations For Businesses, Governments and Citizens**

David reminded the group that the original intent was an overview of the state of play focussing on current cyber attack threats and to identify the items of research necessary to address the above, bearing in mind the direction outlined in the ECSO Strategic Research and Innovation Agenda (SRIA) and the contents of the IoT calls, such as the H2020 IOT-03-2017 call.

Subsequently, the scope was considered too broad and it was recommended to approach it from the perspective of specific use cases, which could later be narrowed down further. A number of suggestions were made as starting points that included:

- Amazon Echo Dot / Alexa

- Home smart metering
- Medical components
- Financial
- Connected cars
- Chips

It was suggested also that the standards required should be by vertical leading eventually to an overall framework. Another example of how to provide practical guidance to the public was the different colour coding for cars in Germany. (Neil Harbisson is colour blind and is able to 'listen' to colours.)

Ronny said that the problem should be dealt with at the application (rather than the device) level and, following on from this, a question was raised about ISP responsibility –suggesting that a sweeping social policy was required to address the different contingencies. A point was raised about how to combat cheap devices that had flooded the market, although the likelihood being that the manufacturers were likely to go out of business. Also wouldn't it be possible to learn from the experience from the business of software development?

Finally, ECSO has an IOT group (working group 1) that has suggested the possibility of EC cybersecurity legislation on IOT.

**ACTION:** David to produce a draft based on the input from the meeting with Huma, Ronny, Svetla, Amardeo, Wendy and Stéphane to review.

## NEXT MEETING

The next face-to-face meeting will take place in Edinburgh in October.

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## WORKING GROUP LOGISTICS

### 1. Current Distribution List

Amardeo Sarma	sarma@neclab.eu
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## Securing ICDs Working Group Meeting

13.00-14.00 CET Tuesday, 23 May 2017

Max Mulhauser  
Rob Kroneman  
Ronny Bjones  
Sheikh Habib  
Svetla Nikova  
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2. [Website](#)
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