

## **IEEE PSCC S6 SG: IoT for connected home - Communication and cybersecurity requirements**

**Chair: Marc Lacroix**

**Vice Chair: Open**

**Output: Task Force recommendation to proceed as a task force and produce report**

**Established: May 2016**

### **Summary Minutes for Subcommittee Report**

The S6 SG meeting was held on Wednesday, May 10, 2017 with 10 attendees.

The goal of this meeting was to present the project and discuss the opportunity of creating a Task Force or a Working Group.

### **Purpose of S6 SG:**

The study group presents a project for IoT connected home. Proposes the creation of TF or WG.

The next step is to produce a report that describes the different use cases that make use of the Connected Homes concept, presents a security risk analysis and propose requirements for telecommunication (Volume, frequency, speed) and cybersecurity. Guidelines for utilities experts will be listed.

The project will include the following tasks.

- Identify and briefly document use cases
- For each use cases:
  - define communication requirements (speed, frequency, quantity)
  - Perform risk analysis (security, confidentiality)
- Describe communication requirements (volume, speed, frequency)
- Describe cybersecurity requirements
- Guidelines to Connected Home

**Request for Sept 2017** S6 plans to meet as a Task Force in a single session for 20 people and a computer projector.

Meeting started with study group Chair- Marc Lacroix introducing the purpose of the taskforce and with an overview of connected house concept. There were interesting discussion regarding the different report and requirements that exist. There is a consensus that we should go with this project since these new technologies will impact the utilities. Since we don't have enough data at the moment, the creation of a task force will be proposed at PSCC management meeting. Depending on the results of the study, we will then decide the opportunity of using the information to prepare a standard.

### **Actions items**

- 1) Marc Lacroix will create an immeet central workspace
- 2) Collection of pertinent documents and storage on the workspace