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:
  o define communication requirements (speed, frequency, quantity)
  o 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 imeet central workspace
2) Collection of pertinent documents and storage on the workspace