





NEED FOR INTEROPERABILITY
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WHY DO WE NEED INTEROPERABILITY?





Driven by Consumer Electronics, customers expectations on how products must integrate into systems are growing, especially when dealing with energy management



INTEROPERABILITY FOR APPLIANCES INDUSTRY



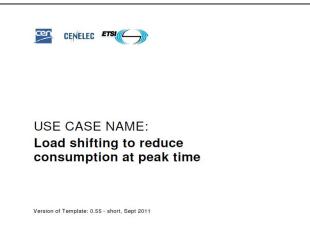


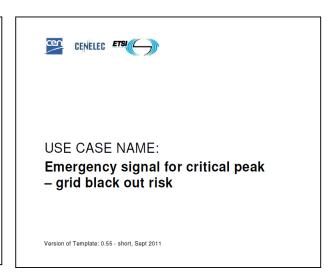
Interoperability for connected appliances refers to their capability to communicate and interact with a third party Energy Manager in order to enable integration of Demand Response functionalities

This is the definition of Interoperability that was agreed within CECED

CECED Smart Grid Task force has identified three mandatory Use Cases in the area of Demand-Response on which to build interoperability







EEBUS AND ENERGY@HOME TAKING THE LEAD





- EEBUS and Energy@home are two leading associations in the Smart Home environment
- They announced their cooperation to develop a solution for Smart Appliance interoperability at Utility Week in 2014
- The work has been based on SAREF and aimed at creating a neutral language to enable communication with different protocols for implementation of Demand-Response Use Cases
- This new language is now a reality and is called SPINE (Smart Premises Interoperable Neutral-message Exchange)
- It was initially presented at Utility Week 2016 with a limited set of products
- We are now able to show a working demo that includes several products and several ways to connect to a single Energy Manager