6 October 2013

oneM2M_liaison@list.oneM2M.org

Dear Sir:

The IEEE-Standards Association Industry Connections - **Convergence of Smart Home and Building Architectures** Group has been pursuing work related to pre-standardization efforts in the domain of Convergence of Smart Home and Building Architectures. One of the motivations for this activity is the fact that there are striking similarities among the architectures of the Smart Home and Building environments as described from various points of view including Electric Vehicle (EV), Home or Building Energy Management, Infotainment, etc. But a gap exists for interworking among these various domains. In addition, users are experiencing the unification of interfaces through their TVs, Smart Phones and Tablets, but an effort is needed to enable a seamless user experience spanning multiple application domains. There is also a question of secure separation of data belonging to various domains (ehealth, energy management, utility, EV, infotainment, vehicle diagnostics, etc.). These security/privacy requirements are likely to drive future architectures, adding another dimension to the inter-domain interworking. Interoperability with existing building automation and control systems is another dimension.

The domains to be addressed by this work include:

1. Comfort (ehealth, ambient assisted living, infotainment, light, temperature, air quality, etc.),
2. Security, Privacy, Safety and Access Control,
3. Fire Safety,
4. Energy Management (Disciplines such as heat, cold, steam, fossil energy sources, electricity, DHW (domestic hot water) and all equipment for washing, drying as well as the kitchen. Also "renewables" which includes PV (photovoltaics), solar collectors and gray water management),
5. Maintenance and diagnostics.

We would like to establish a liaison with your organization to ensure that potential solutions for interworking among the various domains receive the appropriate level of coordination between our respective organizations, through the exchange of information and potential sharing of output.

We look forward to hearing back from you and to working with you in the future.

Oleg Logvinov
Acting Chair, IC-CSHBA

cc: Brenda Mancuso, IEEE-SA