



Source:	IMTC UC IoT Activity Group
Title:	Liaison Statement on Internet of Things IMTC UC Profile
Date:	17 March, 2017

LIAISON STATEMENT

To:	International Telecommunications Union (ITU-T) - SG-20, JCA-IoT and SC&C; Ecma	
Approval:	IMTC (16 March 2017)	
For:	Information	
Deadline:	None	
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IMTC UC IoT Activity Group (AG) would like to inform ITU-T about new work that the IMTC AG experts agreed to create on IoT Profiles for Unified Communications use-cases.

In the last five year or so, a number of exciting new products have been developed in the area of Internet of Things (IoT).

As it is universally evident by now the scope of IoT is as wide as the scope of Internet itself and as deep as the reach of Electronic Sensing applications.

Needless to say, IoT elements of varying intelligence contribute from within and outside Telecommunications environments. Wherever humans and machines intersect and humans interact through the help of telecommunication systems the (human) experience is enriched and enhanced by the presence and coordinated orchestration of sensory events. A few examples among numerous environments are Conference Rooms (of all sizes), Desktops, media-session handovers, healthcare and automotive situations, NFC-based Identity and Access Decisions and, in general, micro- and macro- threshold-driven events that allow ambient Unified Communications to consume, infer insight, adapt and react to provide the enhanced and enriched experiences.

At the lower layers the event-generating sensors and trigger-responding actuators use a plethora of protocols best suited to their nature. UC IoT seeks to take an inclusive approach to adapting to interface with them while developing a simplified profile that abstract the higher level UC sensing and actuation.

Similarly – the collective intelligence gleaned from data obtained interface to potentially several cloud frameworks which in turn can be abstracted to simplify the use-case insights into the UC application services.

The UC IoT AG seeks to develop interface specifications and profiles abstracting interfaces for insights and into and out of UC applications.

As in any IoT ecosystem, security is also a common concern in UC (Unified Communications). Designed and configured right, IoT can serve to enhance security-awareness and fortify the ‘security-blanket’ of collaborating applications.

The IMTC UC IoT Activity Group welcomes any input from the ITU-T on this new work. IMTC plans to provide inputs for the JCA standards roadmap once it has a clearer understanding of the development of that specific work. We would request to have Mahalingam Mani (mmanig@gmail.com), IMTC UC IoT Activity Group Co-Chair, added to the JCA contact list.

IMTC would also like to thank ITU-T for their continued work on improving interoperability of multimedia communication systems.
