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January 9, 2019

To: Roland Hechwartner, oneM2M Chair

Dear Mr. Hechwartner,

The Alliance for Telecommunications Industry Solutions (ATIS) launched an IoT Categorization Focus Group in late 2017 to address how the burgeoning growth in the IoT ecosystem is driving a wide range of new uses and requirements on the network infrastructure. Several recent industry initiatives have examined the main features of IoT applications to better understand the requirements posed by each. The objective of ATIS' work is to explore the multidimensional characteristics of IoT across devices, applications, subscription type and technology as well as regulatory and market drivers. This work is instrumental in identifying design features relevant to the standardization of 5G.

Attached is the IoT characteristics matrix that has been developed thus far. These characteristics will be used in subsequent activities to categorize IoT applications to identify network requirements (e.g., network slices). This initiative will aid service providers' efforts to build networks that support a full range of IoT devices and services.

We kindly ask that your organization review this characteristics matrix and provide us with feedback at your earliest convenience, but no later than February 28, 2019. ATIS appreciates your input and we look forward to the continued exchange of information as we progress this work.

If you have any questions, please do not hesitate to contact us.

Sincerely,

Brian Daly (AT&T), ATIS TOPS Council IoT-CAT Focus Group Co-Leader
Farrohk Khatibi (Qualcomm), ATIS TOPS Council IoT-CAT Focus Group Co-Leader
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