

Liaison request

Berlin, 2019-05-06

Mrs. Valérie Demassieux, Secretary of IEC SC 65C

Mr. Tony Capel, Chair of IEC SC 65C until 2019-04-30 and Mr. Ian Verhappen, Chair of IEC SC 65C from 2019-05-01

(sent via email)

Dear IEC SC 65C officers,

Labs Network Industrie 4.0 e.V. (LNI) is a non-profit and pre-competitive association established by an alliance of major companies, industry associations, policymakers and researchers. It is the legal arm of the German Plattform Industrie 4.0 and inviting worldwide partners. The goal of LNI is to support the pioneering work of small and medium enterprises (SME) in the area of digitalization and standardization validation. LNI acts as a dialog, competence and experimentation platform for SMEs. Currently, there are more than 80 use cases as well as three testbeds running and about 40 Industrie 4.0 testlabs are associated with LNI. All of them have the pre-competitive environment and minimal financial and technical risks for the SME in the use cases in common. For details please refer to <https://lni40.de/?lang=en>.

Jointly with the German Standardization Council Industrie 4.0 (SCI) LNI transfers testbed and use case validation results to international standardization bodies. For details on the process please refer to <https://sci40.com/de> as well as <https://lni40.de/umsetzung/standardisierung>. In this context LNI operates a TSN testbed at the German competence center Industrie 4.0 Augsburg with 35 industrial partners of which nine partners are SME. The testbed is designed as a continuous plugfest that has no obstacles for SME to access.

LNI would like to establish a liaison with the IEC SC 65C/WG9 Working Group to ensure that the IEC/IEEE 60802 standards and drafts can be used in the testbed to validate the TSN standards according to the SME focused use cases. As LNI use cases require smart, robust time sensitive systems we need the TSN testbed to provide a reasonable level of service quality in this environment.

LNI asks the IEC SC 65C/WG9 Working Group to grant the LNI testbed participants access to the following draft documents in order to expedite trial implementations:

- IEC/IEEE 60802 Time-Sensitive Networking Profile for Industrial Automation
- Use case and requirement documents (Internal documents in the CollTool)

LNI is aware that these documents may undergo changes at any time before being published.

LNI is looking forward to working together with the IEC SC 65C/WG9 Working Group on applying TSN technologies in the LNI TSN testbed.

Kind Regards,



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