



4220 Varsity Drive, Suite A Ann Arbor, MI 48108 USA  
T +1 734-975-8840 F +1 734-922-0027 W www.odva.org

June 30, 2017

Mr. Glenn Parsons, Chairman of the IEEE 802.1 Working Group  
Ms. Jodi Haasz, International Affairs Senior Liaison  
IEEE Standards Association  
{sent via email}

Dear Mr. Parsons and Ms. Haasz:

On behalf of ODVA, I am writing to request that an Official Liaison between the IEEE 802.1 Working Group and ODVA be established.

ODVA is an international standards development and trade organization founded in 1995 whose mission is to advance open, interoperable information and communication technologies for the automation of industrial processes. ODVA is committed to the adoption of commercial-off-the-shelf and standard, unmodified Ethernet and Internet technologies to the extent possible. ODVA is currently investigating the use of TSN technologies, as being developed in IEEE 802.1, for use with EtherNet/IP™, ODVA's industrial Ethernet technology which integrates the IEEE 802.3 standard along with the TCP/IP Suite and ODVA's Common Industrial Protocol (CIP™). The technical working group overseeing this investigation – ODVA's Special Interest Group (SIG) for Distributed Motion and Time Synchronization – now would like to begin working on integrating TSN features in to EtherNet/IP.

Therefore, ODVA wishes to establish a formal liaison relationship with the IEEE 802.1 Working Group so that together we may help to ensure that the IEEE 802.1 technology and standards address the use cases and requirements for the deployment of TSN in the industrial sector in general and for EtherNet/IP in particular. Mr. Jordon Woods has agreed to serve as the ODVA Liaison Officer to the IEEE 802.1 Working Group. Mr. Woods is the director of the Deterministic Ethernet Technology Group at ODVA member Analog Devices and has substantial experience in the industrial automation sector. Mr. Woods participates in the IEEE 802.1 Working Group, the IEEE 802.1 TSN task group, as well as in various ODVA activities. Mr. Woods, Mr. Steve Zuponcic (chairman of ODVA's SIG for Distributed Motion and Time Synchronization) and I will work together to facilitate timely information exchange between IEEE 802.1 and the relevant ODVA technical working groups.

As part of the liaison relationship between IEEE 802.1 and ODVA and to facilitate that investigation and ODVA's potential adoption of TSN technologies, ODVA also requests access to on-going drafts of various TSN specifications including:

- IEEE802.1Qcc
- IEEE802.1Qcp
- IEEE802.1CB
- IEEE802.1Qcn
- IEEE802.1AS-Rev

ODVA's understands that these drafts are subject to change at any time prior to publication. Therefore, ODVA will limit access to the draft specifications to ODVA working groups involved in the TSN work within ODVA, primarily its SIG for Distributed Motion and Time Synchronization.

ODVA intends to provide questions and feedback via this liaison relationship regarding the application of TSN to Industrial use cases. ODVA hopes that by establishing the relationship, it can gain insight into the application of TSN technologies and provide information regarding Industrial use cases that would be useful to IEEE802.1 in future standards work. In anticipation of a positive response to this request, ODVA looks forward to working together with the IEEE 802.1 Working Group on matters of mutual interest.

Best regards,

Katherine Voss  
President

cc: Mr. Jordon Woods, Mr. Steve Zuponcic, ODVA Board of Directors