

Title: Liaison request to AUTOSAR  
From: IEEE 802.1  
For: Action  
Contacts: Glenn Parsons, Chair, IEEE 802.1 WG, [glenn.parsons@ericsson.com](mailto:glenn.parsons@ericsson.com)  
John Messenger, Acting Chair, Vice-Chair, IEEE 802.1 WG, [jmessenger@advaoptical.com](mailto:jmessenger@advaoptical.com)  
Jessy Rouyer, Acting Vice-Chair, Secretary, IEEE 802.1 WG, [jessy.rouyer@nokia.com](mailto:jessy.rouyer@nokia.com)  
János Farkas, Chair, IEEE 802.1 TSN TG, [janos.farkas@ericsson.com](mailto:janos.farkas@ericsson.com)  
Craig Gunther, Vice-Chair, IEEE 802.1, TSN TG, [craiggunther@yahoo.com](mailto:craiggunther@yahoo.com)  
To: AUTOSAR  
Günther Reichart, Spokesperson ([ge-gue.reichart@t-online.de](mailto:ge-gue.reichart@t-online.de))  
Michael Niklas, Chairman ([michael.niklas@continental-corporation.com](mailto:michael.niklas@continental-corporation.com))  
Thomas Fabian, Deputy Chairman ([thomas.fabian@volkswagen.de](mailto:thomas.fabian@volkswagen.de))  
Yasushi Ando, PL Speaker ([Yasushi.Ando@toyota-europe.com](mailto:Yasushi.Ando@toyota-europe.com))  
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With this liaison, the IEEE 802.1 Working Group (WG) would like to notify AUTOSAR of the IEEE P802.1DG – TSN Profile for Automotive In-Vehicle Ethernet Communications project. Upon completion, this standard will specify profiles for secure, highly reliable, deterministic latency, automotive in-vehicle bridged IEEE 802.3 Ethernet networks based on IEEE 802.1 Time-Sensitive Networking (TSN) standards and IEEE 802.1 Security standards. It will describe which TSN tools to use and how to configure them. More details on this project can be found here: <http://www.ieee802.org/1/tsn/802-1dg/>.

In developing this standard, the TSN Task Group (TG) within the larger 802.1 Working Group understands the importance of gathering use cases and requirements from those individuals, companies, and organizations that represent the automotive marketplace. It is for this purpose that this liaison has been sent to AUTOSAR. We invite AUTOSAR as an organization and its individual members to participate in the development of this standard. We encourage the following methods of participation:

- Presentations by AUTOSAR detailing the Ethernet network use cases and requirements within the vehicle,
- Presentations by individual members and their companies describing any additional needs,
- Sharing of AUTOSAR documents that AUTOSAR believes are important to the development of this standard. Note that at AUTOSAR's request these documents will be stored in a secure area with password access.

We encourage this type of collaboration between our two organizations and anticipate a similar request from AUTOSAR requesting IEEE 802.1 share their relevant documents with AUTOSAR. We would also invite AUTOSAR and its members to participate in our balloting process as we move this document through its various stages of development.

You are invited to join and contribute to the development of this project by means of the IEEE 802.1 TSN TG teleconference calls (<http://www.ieee802.org/1/tsn-calls/>) and face-to-face meetings (<http://www.ieee802.org/1/meetings/>) shown here:

- TSN TG calls held weekly on Monday from 11am to 1pm US Eastern time,
- TSN P802.1DG automotive calls held bi-weekly on Tuesday from 9am to 10am US Eastern time,
- IEEE 802.1 interims held in January, May, September; and IEEE 802 plenaries held in March, July, November.

Respectfully submitted,  
John Messenger  
Acting Chair, Vice-Chair, IEEE 802.1 Working Group