

Time-Sensitive Networking (TSN)

[Return to Glossary](#)

Time-Sensitive Networking (TSN) is a set of [Ethernet](#) sub-standards defined in the [IEEE 802.1 TSN](#) Task Group. TSN focuses on creating a convergence between [Information Technology \(IT\)](#) and industrial operational technology (OT) by extending and adapting existing Ethernet standards.

TSN technology aims to standardize features on [OSI-Layer 2](#) in order that different protocols can share the same infrastructure. The challenge lies in configuring critical and non-critical data traffic so that neither real-time characteristics nor [performance](#) is impaired.

Source: [Time-Sensitive Networking \(TSN\)](#)

From:
<https://www.omgwiki.org/ddsf/> - **DDS Foundation Wiki**

Permanent link:
https://www.omgwiki.org/ddsf/doku.php?id=ddsf:public:guidebook:06_append:glossary:t:tsn&rev=1626292408

Last update: **2021/07/14 15:53**

