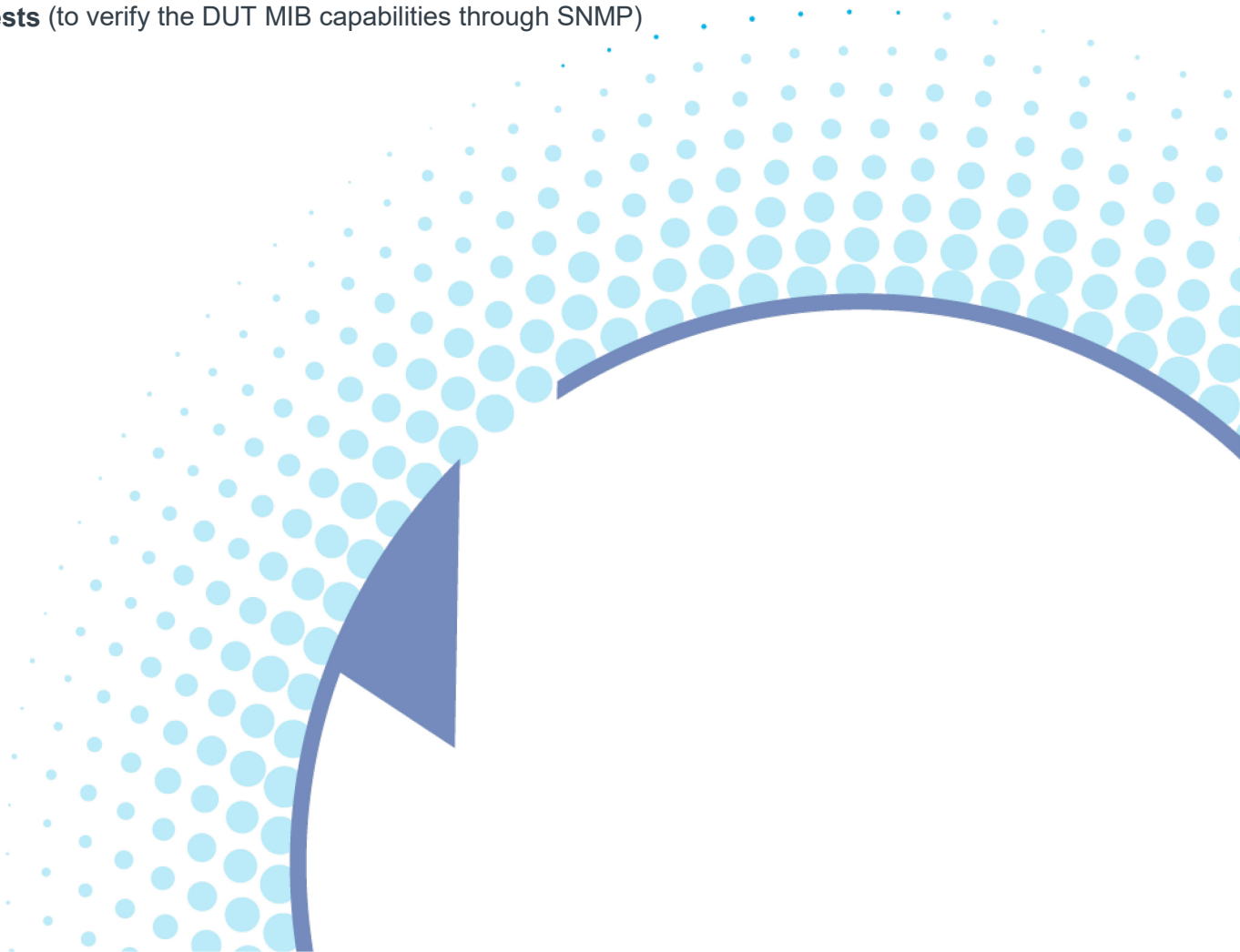


# Spirent TTsuite-TSN Preemption 1.1.0

2019-03-29 Release Notes

We are happy to announce the immediate availability of **TTsuite-TSN-Preemption version 1.1.0**. This release contains test cases for the following use cases:

- **Reception tests** (to verify that the DUT is capable of reassembling fragments)
  - **Acceptance tests**: to verify that the DUT accepts all possible combinations of valid traffic
  - **Rejection tests**: to verify that the DUT drops invalid traffic
- **Transmission tests** (to verify that the DUT is capable of fragmenting Ethernet frames)
- **LLDP tests** (to verify that DUT capable of pre-emption capabilities as communicated through LLDP)
- **MIB tests** (to verify the DUT MIB capabilities through SNMP)



## Application Areas

Frame preemption is one of the core TSN standards. Time-Sensitive Networking is a collection of protocols defined by IEEE with applicability in many verticals like:

- **Automotive** — advanced driver-assistance systems (ADAS), X-By-Wire, autonomous driving
- **Industrial** — smart manufacturing, smart grid, industrial automation, industry 4.0
- **Telecom** — transport time-sensitive fronthaul streams over Ethernet

## IEEE Standards

TTsuite-TSN-Preemption provides a full test coverage for the following IEEE standards:

- **IEEE Std 802.1Qbu-2016** (Amendment to IEEE Std 802.1Q-2014) — Amendment 26: Frame Preemption
- **IEEE Std 802.3br-2016** (Amendment to IEEE Std 802.3-2015) — Amendment 5: Specification and Management Parameters for Interspersing Express Traffic
- **IEEE Std 802.1CM-2018** — Time-Sensitive Networking for Fronthaul

## Download TTsuite-TSN-Preemption

To download the latest version of TTsuite-TSN-Preemption, you need to register yourself in the Spirent Customer Service Center at <https://support.spirent.com>. Afterwards, please follow these detailed instructions on [How to download TTworkbench, TTsuites & TTplugins](#).

Please be aware that TTsuite-TSN-Preemption requires at least **TTworkbench version 27**.

Please direct all questions and inquiries to our support team at [support@spirent.com](mailto:support@spirent.com) with *TTworkbench* in your subject line beside your topic to ensure fast response times.

If you prefer to call our customer care department, please dial [+49 30 726 19 19 0](tel:+493072619190).

It is Spirent's intention to provide you with the highest level of customer service.

Thank you for your continued interest!

## Notes

This document is subject to change without notice.

Spirent Communications, Michaelkirchstraße 17/18, 10179 Berlin, Germany

Phone +49 30 726 19 19 0

Email [tworkbench-sales@spirent.com](mailto:tworkbench-sales@spirent.com)

Fax +49 30 726 19 19 20

Internet [www.spirent.com/tworkbench](http://www.spirent.com/tworkbench)

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### Contact Us

For more information, call your Spirent sales representative or visit us on the web at [www.spirent.com/ContactSpirent](http://www.spirent.com/ContactSpirent).

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Americas 1-800-SPIRENT  
+1-800-774-7368 | [sales@spirent.com](mailto:sales@spirent.com)

US Government & Defense  
[info@spirentfederal.com](mailto:info@spirentfederal.com) | [spirentfederal.com](http://spirentfederal.com)

Europe and the Middle East  
+44 (0) 1293 767979 | [emeainfo@spirent.com](mailto:emeainfo@spirent.com)

Asia and the Pacific  
+86-10-8518-2539 | [salesasia@spirent.com](mailto:salesasia@spirent.com)