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| A black and white logo  Description automatically generated with low confidence | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2025-2028 | TSAG-TD26 |
| TSAG |
| Original: English |
|  |  | Geneva, 26-30 May 2025 |
| **TD** |
| **Source:** | Chair, ITU-T SG15 |
| **Title:** | ITU-T SG15 Lead Study Group Report |
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| **Abstract:** | This TD provides an SG15 Lead Study Group report. |

ITU-T SG15 holds the following roles:

– Lead study group on access network transport

– Lead study group on home networking

– Lead study group on optical technology

In order to provide updated information on lead SG activities, ITU-T SG15 is pleased to provide TSAG with the latest version of the “Access Network Transport (ANT)”, “Home Network Transport (HNT)”, “Optical Transport Networks (OTN)”. SG15 also provides “Technical Paper on Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant” and “Technical Report on Optical fibres, cables and systems”.

These documents are intended to provide for their respective domains the overview lists of the existing and under study Standards and Recommendations from the ITU and other standardizations bodies.

This set of documents consists of:

1) For the topics related to ITU-T SG15 WP1/15 standardization works

- Access Network Transport (ANT) Standards Overview and Work Plan

The most up-to-date version of this ANT document can be found at
<http://www.itu.int/en/ITU-T/studygroups/com15/Pages/ant.aspx>

In addition, a **Web-based** Access Network Transport (ANT) Standards Overview is available at <https://www.itu.int/itu-t/landscape/?topic=tx356&group=g&search_text=> for easy access by readers.

- Home Network Transport (HNT) Standards Overview and Work Plan

The most up-to-date version of this HNT document can be found at
<http://www.itu.int/en/ITU-T/studygroups/Pages/sg15-hnt.aspx>

In addition, a **Web-based** Home Network Transport (HNT) Standards Overview​ is available at <https://www.itu.int/itu-t/landscape/?topic=tx153&group=g&search_text=> for easy access by readers.

2) For the topics related to ITU-T SG15 WP3/15 standardization works and WP2/15 standardization works related to optical interfaces

- Optical Transport Networks (OTN) & Technologies Standardization Work Plan

 The most up-to-date version of the OTN document can be found at
 <http://www.itu.int/en/ITU-T/studygroups/com15/Pages/otn.aspx>

In addition, a **Web-based** Optical Transport Networks (ONT) Standards Overview is available at <https://www.itu.int/itu-t/landscape/?topic=tx401&group=g&search_text=> for easy access by readers.

3) For the topics related to ITU-T SG15 WP2/15 standardization works related to optical fibres and cables

- Technical Report on Optical fibres, cables and systems

This document can be found at <https://www.itu.int/pub/T-TUT-HOME-2024-1>

4) While not a lead study group responsibility called out in Resolution 2, WP2/15 standardization works related to outside plant are described in

 - Technical Paper on Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant

The latest version of this document can be found at <https://www.itu.int/pub/T-TUT-L-2024-1>

5) As a part of the lead Study Group activities, SG15 held a workshop in conjunction with the interregnum meetings of Q6, 11 and 13/15 held in Hong Kong (20 November 2024):

- [ITU Workshop on “Evolution of Optical Networks for IMT2030 and Beyond”](https://www.itu.int/en/ITU-T/Workshops-and-Seminars/2024/1120/Pages/default.aspx)
Workshop report: [SG15-TD72/Gen](https://www.itu.int/md/T25-SG15-250317-TD-GEN-0072/en)

ITU-T SG15 will continue to provide TSAG with the above updated documents resulting from each SG15 meeting.

ITU-T SG15 remains available if further information on these above documents is required.

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