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**Telecommunications and information  
exchange between information  
technology systems — Requirements  
for local and metropolitan area  
networks —**

Part 1CM:  
**Time-sensitive networking for  
fronthaul**

*Télécommunications et échange entre systèmes informatiques —  
Exigences pour les réseaux locaux et métropolitains —*

*Partie 1CM: Réseaux à temps critique pour fronthaul*

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**IEEE Standard for  
Local and metropolitan area networks—**

# **Time-Sensitive Networking for Fronthaul**

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**Abstract:** This standard defines profiles that select features, options, configurations, defaults, protocols, and procedures of bridges, stations, and LANs that are necessary to build networks that are capable of transporting fronthaul streams, which are time sensitive.

**Keywords:** bridged network, fronthaul, IEEE 802<sup>®</sup>, IEEE 802.1<sup>™</sup>, IEEE 802.1CM<sup>™</sup>, synchronization, time-sensitive networking, TSN, Virtual Local Area Network, VLAN, VLAN Bridge

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## Introduction

This introduction is not part of IEEE Std 802.1CM-2018, IEEE Standard for Local and metropolitan area networks—Time-Sensitive Networking for Fronthaul.

This standard defines profiles that select features, options, configurations, defaults, protocols and procedures of bridges, stations, and LANs that are necessary to build networks that are capable of transporting fronthaul streams, which are time-sensitive.

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