

IEEE P802.3  
Call For Interest (CFI)  
**10Mb/s Single Twisted Pair Ethernet**  
Opening Report

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2016-07-25

# IEEE P802.3 CFI request

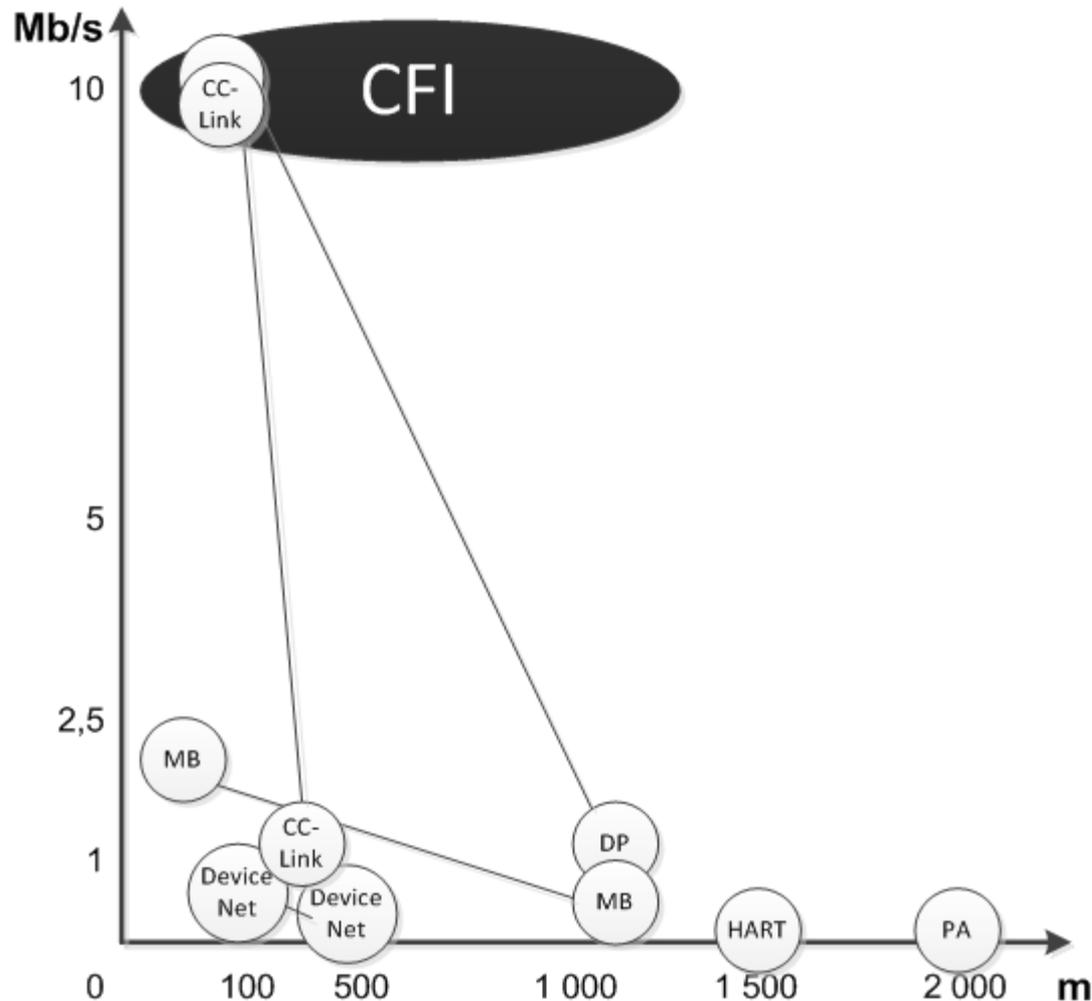
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To gauge the interest in starting a Study Group for:  
**10Mb/s Single Twisted Pair Ethernet**

We believe there is a market need, driven by a strong desire to consolidate the fragmented communication protocol landscape into Ethernet-based solutions and satisfy demand for greater bandwidth in Industrial IoT (Factory-, Process-, Hybrid-, Building-, etc.-Automation) and Automotive Industries.

Use case needs are not fulfilled by existing IEEE 802.3 standards.

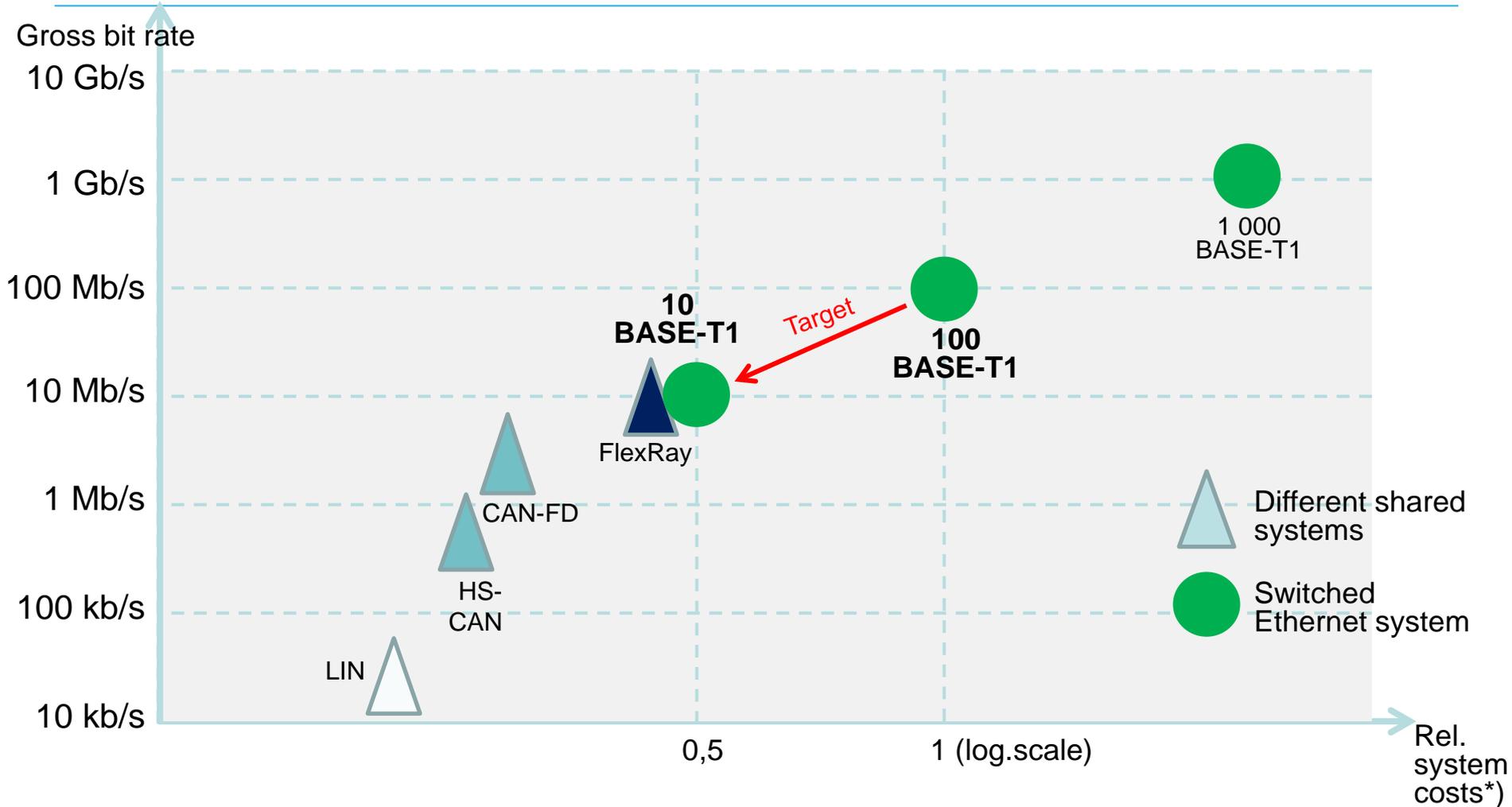
# What Are We Talking About for Industrial IoT?



Key: DP = PROFIBUS DP; PA = PROFIBUS PA; MB = MODbus; CFI = The intended project in IEEE 802.3

# What Are We Talking About for Automotive

## The relative costs<sup>\*)</sup>



<sup>\*)</sup> The cost values are very dependent on the exact topology that is being compared, this chart gives an indication only.

# Logistics

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A call for interest consensus building meeting has been scheduled to occur from **18:30 to 19:30 on the evening of Tuesday 26th July in room Harbor GHI, 2nd Harbor Tower.**

Request to form Study Group will occur during closing 802.3 WG Plenary on Thursday

CFI Presentation:

[http://ieee802.org/3/cfi/request\\_0716\\_1.html](http://ieee802.org/3/cfi/request_0716_1.html)

Questions?

Thank you!