Industry’s Ethernet Testing Lab
We offer the most comprehensive Ethernet testing in the industry, covering both conformance against standards and interoperability testing for all Ethernet speeds from 10 Mb/s to 100 Gb/s. We have over two decades of providing Ethernet verification, which has led us to having one of the largest interoperability test beds of recently released and legacy devices.

The testing coverage includes specific Ethernet technologies such as Power over Ethernet, Backplane Ethernet, Energy Efficient Ethernet, and Automotive Ethernet. We also host group testing and plugfest events throughout the year.

Testing Tools
We have developed a series of custom testing platforms to perform the most comprehensive Ethernet testing in the industry. These tools allow for testing with more detail than most commercially available tools. They fall into five main categories:

- MAC and MAC Control sublayer testing from 10Mb/s to 40Gb/s
- PCS Layer (Clause 24 100Mb/s, Clause 36 for Gigabit 1000BASE-X, Clauses 48 & 49 for 10 Gigabit and faster, and 40/100GBASE-R)
- Physical Layer Electrical and Optical Measurements for PMD/PMA
- Auto-Negotiation (Clause 28 for Twisted Pair Copper PHYs, Clause 37 for Gigabit Ethernet Fiber, and Clause 73 for Backplane Ethernet)
- Custom software and hardware for analysis of low layer physical signaling

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