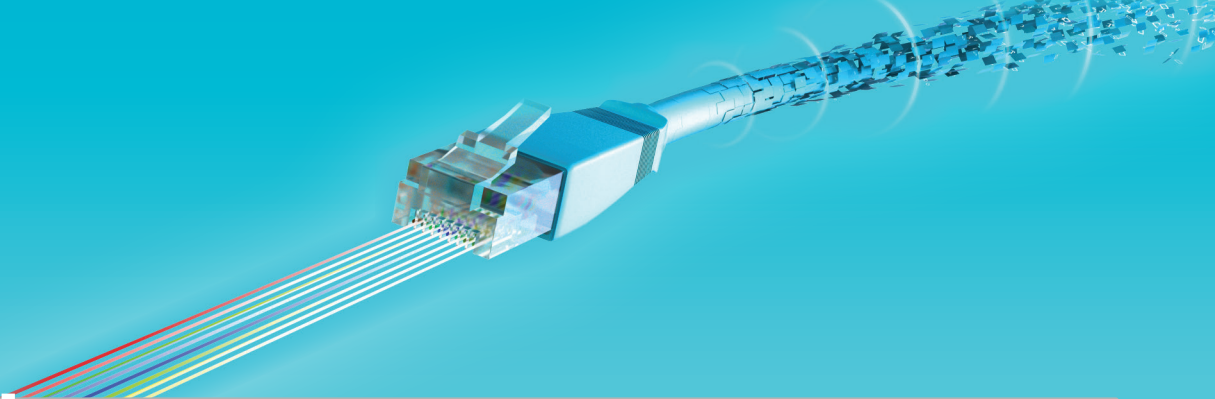


NBASE-T

ALLIANCESM



MEMBERSHIP

Who:

More than 50 companies have contributed to the NBASE-T Alliance and represent all major areas of network infrastructure including wireless and wired networking equipment, cabling, test equipment and the components they need.

Why:

To enable the development and deployment of products that support 2.5G/5GBASE-T Ethernet

What We Do:

- Educate the market about multiple applications of the NBASE-T technology
- Facilitate interoperability (plugfests, tradeshows, UNH-IOL)
- Publish optimizations and extensions to the specification as needed

Value:

- Leverages the Cat5e/Cat6 outlets and cabling that make up 90% of the current installed base
- Enables up to 10x faster speed without pulling cables or requiring building construction
- Supports high-speed links to next gen WiFi access points and high-data rate client PC and workstation systems

PARTNER COMPANIES AT 2018 INTEROP



AQUANTIA[®]



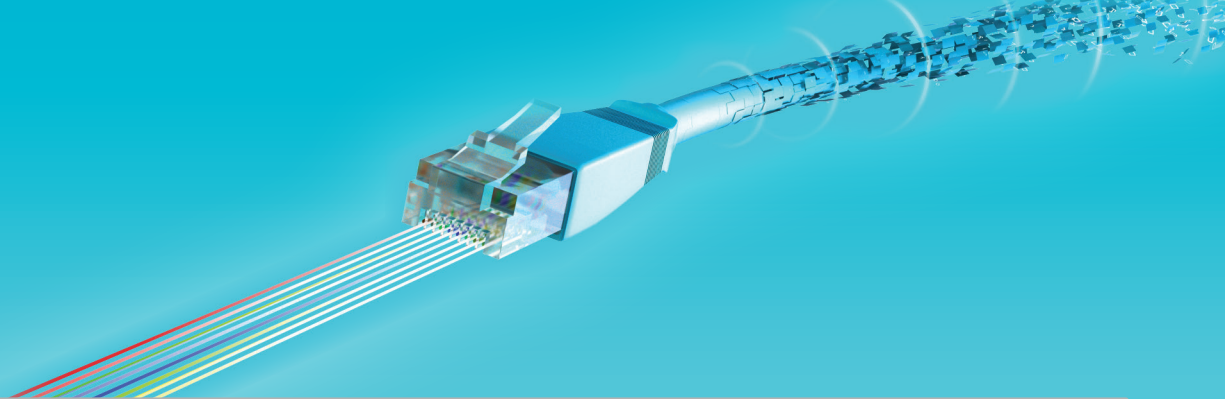
PANDUIT[®]



University of New Hampshire
InterOperability
Laboratory

NBASE-T

ALLIANCESM



DEMONSTRATION

DIAGRAM

Our demonstration shows interoperability between several NBASE-T enabled products in multiple markets. Enterprise network equipment such as wireless access points, switches, and client devices; consumer market devices including digital media players and smart TVs; and test and measurement solutions.

All products are connected via Cat5e, Cat6 and Cat6a cables in lengths extending up to 100m. A worst case 6-Around-1 bundle configuration is also used, demonstrating network connectivity in stressful traffic conditions.

Demonstrated Applications Include:

- 802.11ac Wave2 access points
- Enterprise and SMB switches
- NAS devices
- PC platforms
- Server NICs
- Traffic generators and packet analyzers
- PoE endpoints
- Test and measurement equipment

