



FAQ

Q: Who is Resolute Networks?

A: Resolute is the result of a merger of Redux Communications and Lycium Networks, two companies specializing in circuit emulation services (CES) technology. The resulting merged company, Resolute Networks, is the leading vendor of highly integrated, ready-to-use CES sub-systems for OEMs of networking equipment, with an emphasis on rapid time to market with minimum implementation risk for the OEM.

Q: What are the target markets of CES?

A: Resolute is focusing on the following market segments: Carrier Ethernet in the access and metro networks; DOCSIS over HFC in access networks; PON in access networks; Fixed WiMAX in access networks; and Mobile Wireless/Cellular backhaul for 2.5G and 3G.

Q: Who are the target customers of Resolute CES solutions?

A: Resolute Networks sells to and supports developers and manufacturers of network equipment for use by telcos and MSOs worldwide, focused on Carrier Ethernet, DOCSIS over HFC, PON, WiMAX and Cellular Backhaul markets.

Q: What is "CES"?

A: Circuit Emulation Services (CES) is a standardized method of transporting TDM circuits and synchronization over Ethernet, IP and/or MPLS networks.

Q: What business benefits do Resolute CES sub-systems provide to Resolute customers?

- A:
- Short time to market
 - Minimal design and implementation risk
 - Automatic upgrades with CES standardization and performance improvements in the industry

Q: What are the differences between VoIP and CES?

A:

| | VoIP | CES |
|---|-------------------------|----------------------------|
| Traffic | Voice only | Voice and data |
| Advanced multimedia features | ✓ | ✗ |
| Any-to-any voice/video switching & hunt groups | ✓ | ✗ |
| Typical voice channel densities | 1-8 (residential) | 8-2016 (business) |
| Protects investment in legacy PBX during migration to Carrier Ethernet and IP (maintains ALL existing features) | ✗ | ✓ |
| Commercial-level voice quality | Access only | Access and Backhaul |
| CALEA support | Implementation specific | Via Class 5 switch |
| Supports structured/unstructured T1/E1, T3/E3 and OC-3/STM-1 | ✗ | ✓ |
| Transparent to payload | ✗ | ✓ |
| Supports async/sync protocols over packet switched networks (ATM, Frame Relay, H.320 video, GSM, CDMA) | ✗ | ✓ |
| Minimum end-to-end latency | 45ms | 3ms |

Q: What products does Resolute provide?

A: Resolute offers very compact, highly integrated, modular daughter-board products for transporting nxDS0, nxE1/T1 and STM-1/OC-3 over Ethernet, IP and MPLS networks. Information on the CMX family of products is available by contacting Resolute Networks or by viewing the Products section of this website.

For additional information please contact Media Relations at: mr@resolutenetworks.com

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