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Cable's in hot pursuit of PON



Many cable operators are plowing ahead with hybrid fiber/coax (HFC) upgrades, but a sizable portion of those operators are also deploying PON technologies for targeted fiber-to-the-premises (FTTP) buildouts in rural areas and other greenfield environments. Others, such as [Altice USA](#) and [Virgin Media O2](#), are moving aggressively with PON overlays of their legacy HFC networks.

A recent Omdia survey shines the light on how PON activity is rising among cable operators. Omdia (a sister company to Light Reading) found that about 35% of cable operators surveyed have already deployed PON in their networks, with another 47% expected to do so within the next year. Just 8% said they have no plans to deploy PON at this time.

[Read Full Article Here](#)

All roads won't lead to DOCSIS 4.0



DOCSIS 4.0 is making progress in terms of technology, products and some initial deployments. But some operators may put DOCSIS 4.0, virtual cable modem termination systems (vCMTTs) and distributed access architecture (DAA) network upgrades on the backburner as they look to squeeze all they can out of their existing DOCSIS 3.1 platforms.

[Deploying DOCSIS 4.0 modems on DOCSIS 3.1 networks](#) outfitted with CMTTs running updated software can put cable operators in position to beef up overall capacity and provide symmetrical 1-Gig broadband services. There's no official cable industry term for this approach, but suppliers are starting to apply labels to it.

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SCTE Great Lakes Chapter Overview of optical transceivers including types and applications.



UNIVERSAL ACCESS ARCHITECTURE

PRESENTED BY: JASON COMBS
MONDAY DECEMBER 4, 2023
1PM - 2PM EST

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 BPI BPT BPE BWS INSTALLER	 BFI BCSS ADVANCED INSTALLER: FIBER OR BUSINESS	 CEP CONSTRUCTION ENGINEER	 BDS COAXIAL MAINTENANCE TECHNICIAN	 BTS FIBER MAINTENANCE & TRANSPORT TECHNICIAN	 BTCS FACILITIES	 DVEP IPEP DEP ENGINEER
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