Another way cable ops are squeezing more out of their DOCSIS networks

Suppliers such as OpenVault and ZCorum say the Profile Management Application, a technique that boosts the data efficiency of DOCSIS 3.1 networks by up to 40%, is gaining steam among cable operators.

Jeff Baumgartner, Senior Editor
March 26, 2024
5 Min Read

It's becoming increasingly clear that DOCSIS still has plenty of gas left in the tank as cable operators explore options that allow them to defer fiber-to-the-premises (FTTP) upgrades well into the future.

In addition to the ongoing use of traditional node splits, operators are looking to "stretch" the life of DOCSIS 3.1 networks with new modems and cable modem termination system (CMTS) software updates that support additional OFDM (orthogonal frequency division multiplexing) channels, putting them in position to deliver about 8 Gbit/s in the downstream. Others are moving toward DOCSIS 4.0 – an upgrade of the hybrid fiber/coax (HFC) network that delivers symmetrical multi-gigabit broadband speeds.

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Mediacom launches Xumo Stream Box to broadband subs

Mediacom Communications said Monday it is offering the Xumo Stream Box to its high-speed Internet customers for no added cost.

The Xumo Stream Box, a product of the Comcast-Charter Communications national streaming joint venture that sells for $59.99, runs apps from a wide range of premium and free, ad-supported streaming services, including Netflix, Disney+, Hulu, Pluto TV, Tubo and Xumo Play, and supports integrated search and a voice-

enabled remote. In addition to the Xumo Stream Box, the JV also sells a [lineup of smart TVs powered by Comcast's own operating system](#), called EntertainmentOS.
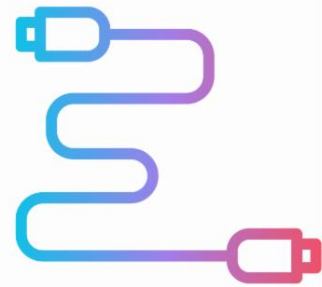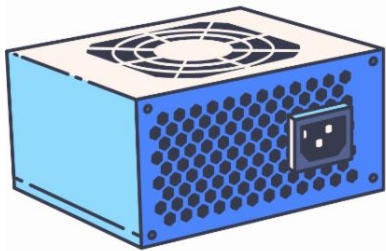
Mediacom, which [announced its agreement with Xumo last fall](#), is the first service provider outside the Comcast-Charter JV to distribute the Xumo Stream Box. Last fall, Mediacom noted that it expects the addition of Xumo to open up new advertising opportunities in markets where the operator runs systems that are near or adjacent to Charter and/or Comcast cable systems.

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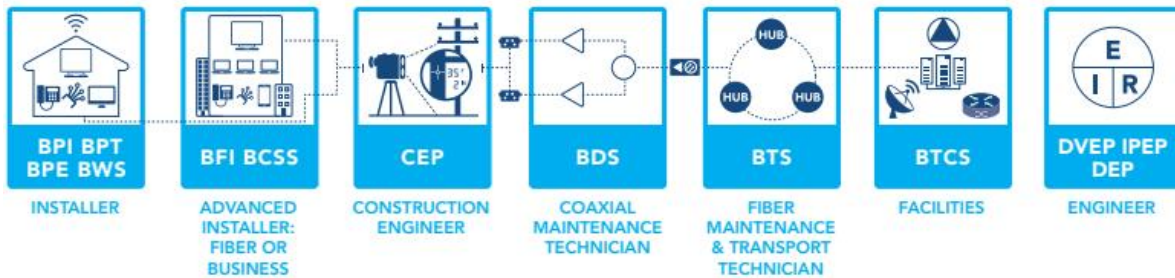
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