

Wednesday, October 14, 2020

## Shentel Launches 5G-Ready Fixed Wireless

Shentel's fixed wireless ambitions crystalized with the launch of the company's new "Beam Internet" offering. The fixed wireless Internet service will cover 15,000 households by the end of the year with Nokia's 4G LTE Advanced Massive MIMO equipment running in the operator's 2.5GHz holdings.



"Both our RAN [radio access network] and our Evolved Packet Core are 5G-ready," Dan Meenan, Shentel's VP of wireless network development, wrote in response to questions from Light Reading. "Specifically, once we are comfortable with 5G customer premise equipment options, we can immediately upgrade our network to support 5G non-standalone (5G NSA) via simple software upgrades."

The launch caps roughly a year of work by Shentel, which announced in 2019 it would spend \$17 million for around 90MHz of spectrum licenses in the 2.5GHz band covering a total of 1 million POPs (points of presence, which is a common measurement of wireless coverage) across Virginia, West Virginia and Ohio in order to launch a fixed wireless Internet service. The operator said it is now commercially offering the service under its Beam Internet brand starting at \$60 per month for 25 Mbit/s download speeds without any usage caps. The company said supported speeds range up to 100 Mbit/s downloads. [Read more.](#)

Source: Light Reading | Oct. 2, 2020

## Atlantic Broadband Brings Gigabit Internet & Advanced TiVo Entertainment System To Derry, Pa.

Derry, Pa., Sept. 29, 2020 – Atlantic Broadband, the nation's eighth-largest cable operator, announced that it has launched superfast Gigabit Internet and TiVo's new Unified Entertainment System in Derry, Pennsylvania, and surrounding areas, including McClure and Lewistown.

The launch of Gigabit speed -- or 1,000 megabits per second -- is occurring at a time when homes and workplaces increasingly require Internet with the capacity and performance to power the growing number of devices and applications customers rely on every day, including work from home and distance learning. Gigabit's high-performance speeds, made possible through robust DOCSIS 3.1 technology, power the most data-intensive applications so that home and business users can surf, stream, download and work online simultaneously.



“Atlantic Broadband is dedicated to providing the latest powerful Gigabit broadband Internet to homes and businesses in our service areas,” said Heather McCallion, Vice President of Products & Programming. “We are proud to expand the availability of Gigabit in our communities, enabling them to access speeds that will transform the online experience for businesses and homes.” [Read more.](#)

Source: Press Release | Sept. 29, 2020

## Mediacom, In A First For Cable Operators, Opens Door To The '10G Smart Home'

Billing itself as the first cable operator to field-test the industry's evolving "10G" platform, Mediacom Communications has teamed with a group of industry and tech partners to demonstrate the latest in hybrid fiber/coax (HFC) network technologies and an array of bandwidth-intensive apps, including 8K video and a light field display.



The demo centers on a Mediacom-owned "10G Smart Home" in Ames, Iowa, connected to an enhanced DOCSIS 3.1 network that's been upgraded to 1.2GHz (from 860MHz), along with a "high-split" upgrade that increased the spectrum dedicated to the upstream from a range of 5MHz-45MHz to a range of 5MHz-204MHz.

According to Mediacom CTO JR Walden, the updated segment of the network in Ames connecting the 10G Smart Home – encompassing four network nodes – has also implemented a "node+0" architecture. That means there are zero amplifiers between the home and the node (the rest of Mediacom's HFC network in Ames carries a node+2 average node density). [Read more.](#)

Source: Light Reading | Sept. 17, 2020

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**Ritter Communications**

# TDS Now Offering 1Gig Speeds In Alamogordo & Ruidoso, New Mexico

TDS is now offering 1Gig Internet speeds in Alamogordo and Ruidoso, New Mexico. Residential and business customers can now go faster than ever with a variety of high-speed Internet packages from TDS.



"If speed is what you want, 1Gig is what you should get," says Julie Maiers, vice president of TDS Marketing and Product Development. "TDS has invested heavily in upgrading its network in New Mexico. Now is the time to check out TDS' fastest high-speed Internet service."

With more people working from home and with virtual school, many TDS customers have found faster speeds are necessary to ensure everyone has ample bandwidth. 1Gig will give the best online experience for streamers, gamers, social media users, and families with multiple users at home.

In addition, to Alamogordo and Ruidoso, 1Gig service is available at the Holloman Air Force Base, La Luz, Tularosa, Boles Acres, Ruidoso Downs, Alto, Lincoln and Capitan. [Read more.](#)

Source: Press Release | Oct. 7, 2020

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## Sparklight's \$23+ Million Network Investment Keeps Oklahoma Communities Connected

Phoenix, Ariz. – With investments of more than \$23 million across Oklahoma over the past five years, Sparklight is committed to providing the fastest and most reliable Internet service in order to keep Oklahoma residents and businesses connected to what matters most.



"Seamless connectivity is critical - especially in unprecedented times like these when our customers are accessing work, education, and entertainment from home, as well as staying connected to loved ones. These are the things that matter most to our customers and the reason why we're investing so heavily in the communities we serve," Sparklight President & CEO Julie Laulis said.

Sparklight began launching Gig service across its fiber-rich network in 2016, making more than 200 communities in 21 states Gig cities. In 2019, Sparklight joined the NCTA –The Internet & Television Association, CableLabs and other industry partners in announcing plans to expand beyond current Gigabit offerings to a more powerful 10G (10 Gigabit) technology platform. 10G will combine greater capacity and lower latency with symmetrical 10 Gigabit per second speeds, as well as provide greater reliability and increased security. [Read more.](#)

Source: Press Release | Sept. 24, 2020

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## Cincinnati Bell Will Use Wireless Spectrum Licenses To Expand Broadband Access In Operating Area

Cincinnati, Oh. -- Cincinnati Bell announced that it

has won 56 wireless spectrum licenses in 17 Greater Cincinnati, Dayton, and Hawaiian counties that will allow the company to further expand broadband coverage across its operating footprint. Cincinnati Bell successfully bid on the wireless spectrum licenses as part of the FCC Auction 105 for CBRS Priority Access Licenses (PAL).



Tom Simpson, Chief Operating Officer of Cincinnati Bell Inc., said the company will use the wireless spectrum licenses to deliver fixed wireless high-speed Internet and voice access to residents and business customers that are located outside the company's robust and growing fiber network, which spans more than 17,000 route miles in Greater Cincinnati and Hawaii.

Cincinnati Bell employs a deep pool of engineering talent with significant wireless experience, and is the leading small cell backhaul provider in Greater Cincinnati and Hawaii. The company has built out a small cell network of 250-plus sites with a large wireless operator.

Through the end of 2019, Cincinnati Bell provided cell site back-haul services to approximately 90% of the 1,000 cell sites in the Greater Cincinnati market, and 80% of the 1,100 cell sites in Hawaii. [Read more.](#)

Source: Press Release | Sept. 18, 2020

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## CASSCOMM Brings Reliable Broadband Service To South Jacksonville, Illinois

Virginia, IL -- CASSCOMM is known for its reliable and local services of broadband, Cable TV and telephone services throughout Central Illinois. CASSCOMM is excited to bring fiber optic services to the residents of South Jacksonville.



The new fiber optic services will give everyone in the village, residents and businesses, the ability to obtain speeds of up to 1 Gig of fiber optic services that they have not been able to receive yet, along with TV and telephone as well. CASSCOMM has partnered with the village to help provide better services to the municipalities. Residents can already see construction crews in the village.

Residents will be notified during the construction process on updates and progress of the build. After the process is close to completion, we will start reaching out to residents and businesses to schedule installations. [Read more.](#)

Source: Press Release | Aug. 26, 2020

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