Telrad and Midco Complete Successful Uplink Carrier Aggregation Testing

Leading-edge LTE technology brings faster data transfer and ensures future regulatory compliance.

SIOUX FALLS, South Dakota (PRWEB) January 21, 2020 -- Midco® and Telrad Networks have successfully completed their joint testing of uplink carrier aggregation. This latest round of field testing proves that Midco’s robust LTE network can leverage Telrad's next-generation solutions on the path to Fixed 5G. Midco’s network can offer blazing fast broadband speeds, to its most rural customers.

“Midco is determined to meet the ever-growing and widespread demand for high-speed communications. That's why we're committed to providing up to 100/20 service packages to our customers in rural areas. The testing we conducted with Telrad's 5GHz LTE-U solution has demonstrated that we can serve our customers with high-speed broadband in near-line-of-sight conditions over several miles,” said Jon Pederson, Midco’s Chief Technology Officer.

Uplink carrier aggregation represents the leading edge of customer-focused cellular technology, a key technology innovation to offer Fixed 5G. By combining two channels from a single device during wireless data transfer, it promises to double transmission speeds and improve the connected experience for rural users.

"Telrad's continued investment in emerging communications technology keeps our customers at the forefront of their industry. The addition of uplink carrier aggregation using our existing flagship BreezeCOMPACT platform will enable Telrad customers like Midco to address ever-increasing bandwidth needs and meet 100/20 targets with ease," said Telrad VP of Sales Alex Freylekhman.

Telrad's flagship CPE12000SG was key to the success of this testing. The CPE12000 is a compact, cost-effective Cat 12 UE outdoor device that supports downlink 256QAM, uplink 64QAM and carrier aggregation for maximum LTE throughput. It is Part 96 FCC certified.

About Midco
Founded in 1931, Midco is a leading provider of reliable, high-speed internet via wired and fixed wireless technology. By 2025, Midco will deploy 10G, the next great leap for broadband – while also expanding its fixed wireless network to rural areas. The company also delivers cable TV including MidcoSN (a regional sports network), voice, data center and advertising services, plus wholesale networking solutions. Midco serves 385,000 homes and business in more than 400 communities in Kansas, Minnesota, North Dakota, South Dakota and Wisconsin. Visit Midco.com to learn more about Midco and how the company gives back to the communities it serves.

About Telrad Networks
Telrad Networks is an established global provider of innovative end-to-end wireless telecom solutions. Its primary customer base consists of wired and wireless ISPs, municipalities, public and private enterprises. Its expansive portfolio consist of 2.5, 3.5, 5GHz and CBRS solutions. Telrad stands at the forefront of LTE-A technology with a forward looking path to 5G, offering the highest peak performance in many near and non-line-of-sight (nLOS/NLOS) deployments. In a competitive and dynamic industry, the company distinguishes itself through the quality of its products, its exceptional customer service and the cost-effectiveness of its solutions. Please visit www.telrad.com for more information.
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