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RUCKUS Delivers AI-Driven Wi-Fi 7 Solution for Circuit of The Americas Racetrack in Austin, Texas

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RUCKUS Wi-Fi 7 Solution with AFC Technology Delivers Faster, More Reliable Connectivity

CLAREMONT, N.C.--(BUSINESS WIRE)--Oct. 23, 2024-- [CommScope](#) (NASDAQ: COMM), a global leader in network connectivity, announces [RUCKUS Networks](#) has designed and deployed an AI-driven Wi-Fi 7 solution for the Circuit of The Americas™ (COTA) racetrack outside Austin, Texas. With this deployment, Circuit of The Americas becomes the first racetrack to have AI-Driven Wi-Fi 7 with Automated Frequency Coordination (AFC) technology, which minimizes interference and improves network performance. Additionally, it is the first to use outdoor 6 GHz at Standard Power.

The Wi-Fi 7 upgrade covers all areas of the site, including fan areas, critical race operations, media facilities and vendors. The October 18 – 20 event in Austin, TX, put the new system to the test. During this event, the Wi-Fi® network supported over 36,000 connected clients, generating 39 TB of data with users experiencing up to 1 Gbps throughput. The network's peak utilization occurred during the podium ceremony, a highlight moment of the fans' engagement and excitement.

"Seamless connectivity is a central component when it comes to executing a flawless event for our fans and drivers, we're thrilled to collaborate with RUCKUS Networks to deliver the ultimate experience in connectivity," said Bobby Epstein, chairman and co-founder, COTA. "The RUCKUS Networks solution is not only fast and reliable, it also eases the load on our IT team; we believe it will be a game changer in supporting the positive experience our fans expect at a world-class event."

"Sports fans everywhere are coming to expect faster, more reliable wireless connections, and it's not surprising that the gold standard in racing events wants to deliver on that expectation," stated Bart Giordano, president and SVP, Networking, Intelligent Cellular & Security Solutions, CommScope. "RUCKUS Wi-Fi 7, an advanced solution in our purpose-driven portfolio, brings a new level of speed, capacity and responsiveness to the COTA racetrack that will significantly improve the fan experience while enabling track operations, media and vendors to work more efficiently. This is the perfect collaboration given how important speed is to both of us."

The COTA Wi-Fi 7 upgrade included indoor and outdoor RUCKUS® Wi-Fi 7 access points with AFC, along with ICX® switches, virtual SmartZone™ controllers, and RUCKUS AI™. The RUCKUS AI platform, along with the Melissa™ AI-driven virtual network assistant, delivers a new level of network efficiency and service assurance to the IT team. RUCKUS Professional Services designed the new system, while SmartWAVE Technologies, a member of the RUCKUS Elite Partner Program, provided design assistance, equipment staging and configuration, installation and operation services.

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News Media Contact:

Luke Hamer

Luke.Hamer@commscope.com

Financial Contact:

Massimo Disabato, CommScope

Massimo.Disabato@commscope.com

Source: CommScope