

Cradlepoint, Bosch and T-Mobile Collaborate to Deliver IoT Solutions Using 5G Wireless WAN Technology

Collaboration will bolster visitor experiences by enabling advanced IoT connectivity to Peachtree Corners, one of the nation's first smart cities

Peachtree Corners, Ga. – Oct. 12, 2022 – [Cradlepoint](#), the global leader in cloud-delivered LTE and 5G wireless network edge solutions, has today announced a collaboration with [T-Mobile](#) and the [Curiosity Lab](#) at Peachtree Corners to enable advanced IoT connectivity solutions, such as autonomous vehicles, robotics and AR/VR, using 5G Wireless WAN technology. The solution, developed by Bosch and Cradlepoint, leverages the high performance of T-Mobile's industry leading 5G network — America's largest, fastest and most reliable 5G network — with Cradlepoint's purpose-built wideband adapters and routers to facilitate near real-time parking and safety monitoring at Peachtree Corners, Georgia, one of the nation's first smart cities.



Companies and public sector entities are well positioned on the value of 5G cellular IoT connectivity, particularly when it comes to securing, managing and enhancing smart cities. Unlike traditional fiber connections that take months to deploy, cost thousands of dollars and have long-term commitment contracts, Cradlepoint's 5G Wireless WAN solutions enable an entire ecosystem of IoT partners to immediately deploy solutions with the security and remote management capabilities needed to support IoT deployments at scale.

"Real-world deployments of IoT are challenging the status quo of existing solutions. Couple that with the trend of businesses leveraging 5G technology to transform, and you'll see how this advanced connectivity is remodeling the enterprise," said Todd Krautkremer, Chief Marketing Officer, Cradlepoint. "Cradlepoint, T-Mobile and Bosch are at the forefront of this evolution, furthering IoT and 5G deployments for projects of all sizes."

"Improving safety, efficiencies and anticipating the needs of customers is what best-in-class smart cities can accomplish when powered by 5G and with innovators like Cradlepoint," said Chris Melus, Vice President of Product Management with T-Mobile for Business. "It's rewarding to see concepts from the Curiosity Lab, leveraging our 5G Advanced Network Solutions suite prove true value in the real world."

The solution uses near real-time IoT technology developed by Bosch in conjunction with T-Mobile's Ultra Capacity 5G network and Cradlepoint 5G hardware to assist Peachtree Corners shoppers and visitors in finding open parking as well as available charging stations for electric vehicles.

"In collaboration with T-Mobile and Cradlepoint, and our continued joint effort with the Curiosity Lab in the City of Peachtree Corners, we are demonstrating a scalable, affordable, adroit AIoT solution to serve the community," said Lewis Stallworth, Business Development, Bosch Security Systems, LLC. "The flexibility of this solution was only possible with this technology-forward collaboration and is changing the

conversation of what is possible when there is a need for parking management, retail management, community safety and true community operational analytics.”

In addition to improving the Peachtree Corners visitor experience, the technology also enables city planners to make real-time informed decisions on parking capacity, infrastructure planning, traffic management and security safeguards based on data around events happening throughout the city.

“Through our work with Cradlepoint, Bosch and T-Mobile, we are now able to better manage our public spaces. Cradlepoint devices having high-speed connectivity through T-Mobile’s 5G is key – these devices now allow us to use smart parking applications through the Bosch cameras in our Town Center, while also providing a safety and security layer for our police department.” said Brandon Branham, CTO and Asst. City Manager, Peachtree Corners. “The analytics these devices provide help us to better communicate with our residents about parking and safety in our downtown area.”

To learn more about Cradlepoint’s work with T-Mobile, Bosch and the Curiosity Lab at Peachtree Corners, please visit: <https://resources.cradlepoint.com/success-stories/smart-city-uses-5G-for-connected-intersections-and-innovative-parking>.

See 5G device, coverage, & access details at T-Mobile.com. **Fastest:** Based on median, overall combined 5G speeds according to analysis by Ookla® of Speedtest Intelligence® data 5G download speeds for Q2 2022. Ookla trademarks used under license and reprinted with permission. **Most Reliable:** According to an audit report conducted by independent third-party umlaut containing crowdsourced data for user experience including task completion collected from November 2021 to May 2022. Full details at: www.umlaut.com/en/benchmarking/USA.

About Cradlepoint

Cradlepoint enables the freedom to connect people, places, and things that drive more experiences, more ways to work, and better business results — anywhere. The company is a pioneer in Wireless WAN, offering advanced 4G and 5G routers and adapters — controlled through Cradlepoint NetCloud™. Enterprise businesses and public sector agencies rely on Cradlepoint and its Cellular Intelligence to build a reliable, secure network wherever they need it, connecting fixed and temporary sites, vehicles, IoT devices, and remote employees. Headquartered in Boise, Idaho, Cradlepoint is a subsidiary of Ericsson’s Business Area Enterprise Wireless Solutions division. It has international offices in Asia Pacific, Canada, Europe, India, and Latin America. www.cradlepoint.com

About the City of Peachtree Corners, Georgia

As the heart of what is being called #SiliconOrchard in the metro-Atlanta region, Peachtree Corners is a vibrant municipality that’s home to more than 45,000 residents, 45,000 jobs and an innovation hub that houses some of the world’s most disruptive technology companies. As the United States’ premier smart city powered by real-world connected infrastructure and 5G, Peachtree Corners serves as the model for how government and private industry can better collaborate to create a better future for society and business. From the world’s first deployment of teleoperated e-scooters to fully autonomous shuttles being utilized by actual residents, and from a solar roadway to the largest electric vehicle fast-charging hub in the region, Peachtree Corners is where the most future-forward Internet of Things (IoT) and sustainable technologies come to life for the benefit of its citizens, and the world. For more information, visit <http://www.peachtreecornersga.gov>.

About Curiosity Lab at Peachtree Corners

Curiosity Lab is a 5G-enabled intelligent mobility and smart city living laboratory located in the southeastern United States near Atlanta, Georgia. Designed as a proving ground for IoT, mobility and smart city emerging technologies, the centerpiece of the lab is a three-mile public autonomous vehicle roadway leveraging cellular vehicle-to-everything (C-V2X) technologies. Additional infrastructure includes intelligent traffic cameras and traffic signals, smart streetlights, the country's first "IoT Central Control Room" implemented in a city and a 25,000 square foot innovation center. Owned and operated by the City of Peachtree Corners, Curiosity Lab is one of North America's only real-world testing environments and is available for use free of charge. Additional information can be found at www.curiositylabptc.com.

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