**FOR IMMEDIATE RELEASE**

**Emanate Launches World’s First Battery-Powered BLE Doorway Chokepoint, with 99.9% Room-Level Accuracy**  
*RadioVision™ Platform Brings Disruptive Cost and Deployment Advantages to Hospitals Worldwide*

**Cleveland, OH – June 27, 2025** – Emanate Wireless today announced the official launch of its groundbreaking **RadioVision™ BLE Doorway Chokepoint**, the **first-ever battery-powered BLE device** to enable **clinical-grade room-accurate (99.9%) BLE RTLS** solutions for hospitals and healthcare providers. Built on Bluetooth Low Energy (BLE) 5.1 Angle of Arrival (AoA) technology and machine learning, RadioVision™ is designed to democratize RTLS by eliminating the cost and complexity barriers that have stalled adoption across the healthcare industry.

Traditional room-accurate RTLS solutions require expensive wired infrastructure, proprietary tags, and complex installation—costing upwards of $1,500 per room. RadioVision™ changes the game. With **low-cost, battery-operated sensors** that mount easily in doorways and **support for off-the-shelf BLE tags and devices**, the system can be deployed in a fraction of the time and cost.

“RadioVision™ enables BLE-based RTLS platforms to deliver **hospital-grade accuracy without the hospital-grade price tag**,” said **Neil Diener**, CEO and co-founder of Emanate Wireless. “We saw an opportunity to eliminate the barriers that kept 75% of hospitals from adopting RTLS. With RadioVision™, you can deploy in days, track with near-perfect room-accuracy, and do it all using tags you already own.”

RadioVision™ sensors use BLE angle-of-arrival signals and trained machine learning algorithms to determine if a staff member, patient, or piece of equipment enters or exits a room—ensuring accurate, reliable data without wiring, calibration, or false room events. RadioVision™ integrates seamlessly with any BLE RTLS system, allowing BLE-based RTLS OEM partners to build room-accurate applications for workflow automation, safety alerts, asset tracking, and more.

“Legacy RTLS systems are just too expensive and too complicated. We built RadioVision™ to fix that,” said **Gary Sugar**, **CTO and VP of Engineering** at Emanate Wireless. “With battery power, no cabling, and compatibility with everyday BLE devices like phones or smartwatches, we’re enabling **room-level intelligence at 10% of the traditional cost**.”

**Key use cases** include nurse call-cancel, patient–staff interaction, staff duress safety, PAR-level asset management, hand hygiene compliance—making RadioVision™ more than a tracker: it’s an enabler for clinical and operational intelligence.

**Emanate’s business model** focuses on OEM partnerships, licensing its hardware-software solution to RTLS vendors and other solution providers. The company has already secured its **first commercial partner** and is **actively engaged with additional OEMs in advanced evaluations**. RadioVision™ has been successfully deployed in hospital pilot environments, demonstrating **room-level accuracy with sub-6 second latency**. The company was also awarded an **NSF SBIR grant** in recognition of its innovation in BLE-based RTLS.

For more information or to request a product brief and pitch deck, visit [www.emanatewireless.com](http://www.emanatewireless.com/) or contact [info@emanatewireless.com](mailto:info@emanatewireless.com).