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City of Defiance, Ohio Becomes First Emergent Smart Community

Emergent Connex Teams Up with MetaLINK Technologies To Launch Groundbreaking IoT Network Solution For Rural Communities, Ag Industry in Northwest Ohio

Defiance, Ohio, July 31, 2024 – Emergent Connex, a leader in transformative wireless technologies for rural America, has announced another market launch of its innovative Internet-of-Things (IoT) network solution in Northwest Ohio, with the City of Defiance as its first customer.

In partnership with MetaLINK Technologies, headquartered in Defiance, Emergent is addressing the connectivity gap in rural communities and agricultural fields. This low-cost, long-range network will enable smart IoT sensors and devices for smart cities and AgTech to connect to the internet in real time. The network will enhance capabilities for rural municipalities, reducing operating expenses, and improving profitability while conserving natural resources, according to Mike Roudi, CEO of Emergent Connex.

Defiance will be the first of many “Emergent Smart Communities,” setting a precedent in leveraging IoT technologies to manage smart lighting, building occupancy, propane tank fill levels, and remote leak detection, thus improving operational efficiencies and environmental impact.

“By automating essential functions, Emergent's IoT network enhances the efficiency and sustainability of rural infrastructure, reduces costs, and improves residents' quality of life,” Roudi said. “Partnering with MetaLINK to launch our IoT network in Defiance marks a pivotal moment for rural communities to transform how they interact with their citizens. This initiative sets the stage for Defiance to become a catalyst in Ohio, encouraging other rural communities to deploy IoT devices for economic development, safety, education, healthcare, and resource management.”

“Incorporating smart devices and monitoring into the City of Defiance’s infrastructure is something we have been working on for a long time,” said Ryan Mack, City Administrator. Emergent’s IoT network will allow us to monitor our remote buildings for real-time leak detection and reduce our energy consumption by deploying smart lighting and HVAC sensors.”

MetaLINK, a leading provider of broadband and communication services in Northwest Ohio, is excited to collaborate with Emergent.

“This partnership allows us to leverage our infrastructure and expertise to support the City of Defiance and the surrounding farming community, not to mention agribusinesses as a whole, enabling rural communities and farmers to harness the power of real-time data and technology to flourish,” said Phil Maag, CEO of MetaLINK.



Emergent's IoT network aims to connect millions of affordable IoT devices, such as those monitoring propane tanks and water meters, reducing waste and local tax burdens. This technology has been successfully implemented in commercial-scale farming, with a recent deployment at Terranova Ranch in California's Central Valley.

When fully implemented, Emergent's IoT network will cover 2.4 million square miles of rural geography, including 1.5 million square miles of agricultural land, revolutionizing rural communities and agriculture through data-driven decision-making.

For more information, visit <http://www.emergentconnect.com>.

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About Emergent:

Emergent is a leader in transformative technologies for rural communities and agriculture, empowering farmers with real-time data insights and advanced automation capabilities. Through its innovative IoT network solution, Emergent is revolutionizing the way farming is done, improving efficiency, transparency, and sustainability on farms around the world.

About MetaLINK Technologies:

MetaLINK technologies has been serving customers since 1996, providing High-Speed Fiber and Fixed Wireless, Fiber Transport, Web Hosting, and Hosted Phone Services and systems. The company is locally owned and operated and aims to offer fast, reliable access and professional world-class technical support.

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