Real-Time Wireless Industrial Communication with Enhanced Security

Revolutionizing Industrial Wireless Communication with Ultra-Low Latency and High Security

EXOR International introduces a cutting-edge solution for real-time industrial communication, integrating X7 Wireless and Xedge Expanded, both powered by the GigaSOM02 module and Intel® Wi-Fi AX210 chip. Utilizing WTSN (Wireless Time-Sensitive Network) technology, this solution ensures ultra-low latency of up to 1 millisecond, delivering wired-like performance with secure and deterministic transmissions. Its Black Channel architecture guarantees data integrity, ensuring that transmitted information remains unaltered and uncompromised across any network. Designed for advanced automation, collaborative robotics, and real-time safety systems, this solution optimizes wireless communication for safety-critical environments. The demo showcases how EXOR's innovation is transforming Industry 4.0 with secure, ultra-fast, and reliable connectivity.

Key Features

Reliable Wireless Communication

Optimized Security

High Scalability & Flexibility

AI-Ready Connectivity

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To support the next generation of IoT edge devices, Intel has developed a new line of processors enhanced for IoT—The Intel Atom® x6000E Series, Intel® Pentium®, and Intel® Celeron® N and J Series processors. These processors build on new levels of CPU, and graphics performances with integrated IoT features, real-time performance, manageability, security, and functional safety.