

Industrial IoT Technical Sheet

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Overview

GDEP applies industrial IoT to construction and infrastructure environments, connecting physical assets, facilities, and operational data in a single view.

Hybrid Asset Tracking

Wittra's hybrid IoT approach supports multi-protocol sensor networks including UWB, LoRaWAN, and Wi-SUN. This enables real-time tracking indoors, outdoors, and across complex structures.

Use Cases

- Equipment, tool, and high-value material tracking
- Smart Parking occupancy visibility
- Smart Campus energy monitoring, building by building and room by room
- Site telemetry and operational alerts
- Data intelligence for construction and infrastructure teams

Operational Value

Connected sensor data helps teams identify material movement, equipment location, space occupancy, energy use, and operational patterns. GDEP connects these signals to the workflows and decisions that matter on active projects.

Platform Integration

IoT data can be correlated with BIM spatial models, site logistics schedules, and operational dashboards to create a more complete view of project conditions.

Technology Partner

Wittra: <https://www.wittra.io/>

Contact GDEP for project-specific architecture, sensor selection, deployment planning, and a tailored technical assessment.

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