ReWINS: Asset-Monitor Track

Targeted Industries

Container Tracking & Monitoring
Fleet Management
Asset Tracking & Monitoring
Integrated RFID Infrastructure
Cold Food Chain Monitoring

ReWINS: Reconfigurable Wireless Interface for Networking Sensors

ReWINS is a wireless embedded platform for connecting multiple remote sensors using different wireless technologies. Sensors supported currently include condition monitoring sensors (temperature, humidity, chemical), proximity, acceleration, vibration, gyro, motor, encoder, and locations sensors like GPS. Currently supported wireless technologies include Bluetooth, WiFi and Zigbee, with GPRS under development.

Real Time Tracking & Visibility

ReWINS Asset-Monitor Track is a solution for tracking and monitoring assets within trucks and containers, in transit. Targeted for supply chain and cold-chain monitoring applications, the solution provides comprehensive real-time asset visibility. Sensors for temperature, vibration, and humidity help determine the ambience and the location data binds the context.

Asset Monitoring

Actions based on the condition of the asset can be taken, including re-routing, maintaining records and/or distress calls. These actions and other operational parameters like data collection schemes, data reporting, exception reporting, forwarding logic etc. can be customized for a particular application. The operational parameters can be modified dynamically, using a menu-driven user interface.

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