

TRANSPORT

WIRELESS TECHNOLOGIES INC.



YardLINK

WIRELESS YARD MANAGEMENT & CONTROL SYSTEM

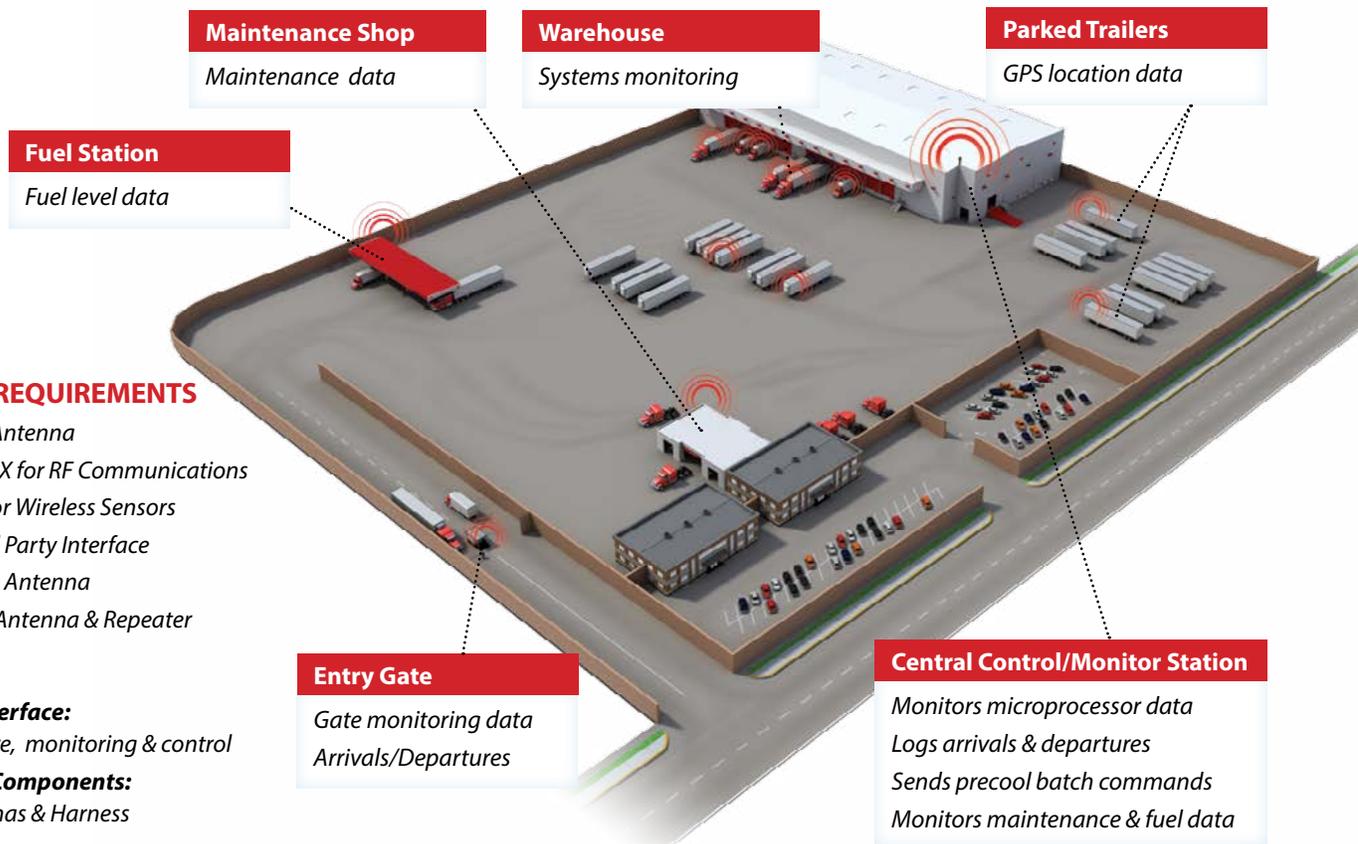
a green solution

YardLINK

WIRELESS YARD MANAGEMENT & CONTROL SYSTEM

YARD LINK is a RF based wireless yard management system that allows monitoring and remote control of transport refrigeration units within the distribution center yard. Conditions such as temperatures, modes, set points, fuel levels, door openings, engine hours, alarms, location, gate arrival time, and gate departure time can be monitored and recorded. In addition, full two-way control allows turning units on or off, changing set points, changing modes, and the ability to perform diagnostics.

A primary benefit is the ability to manage the pre-cool process by allowing multiple units to be controlled at the same time with a single batch command. Data from the system can also be made available through a network which drives efficiencies for the entire organization.



HARDWARE REQUIREMENTS

- >> RF Module & Antenna
- >> 433 MHz TX/RX for RF Communications
- >> 315 MHz RX for Wireless Sensors
- >> RS-232 for 3rd Party Interface
- >> GPS Module & Antenna
- >> Base Station, Antenna & Repeater

OVERVIEW

Simple User Interface:

Unit data capture, monitoring & control

Onboard Unit Components:

Modules, Antennas & Harness

Features:

- >> Two-Way Control: Turn unit On/Off, change set points, modes & diagnostics
- >> Batch Commands: Pre-Cool multiple units using single command
- >> Unit Monitoring: Temps, modes, set points, fuel levels, door openings & alarms
- >> GPS Data: Yard location, gate arrival & departure notification
- >> Sensors: Wireless fuel level & door opening sensors

Benefits:

- >> Improved efficiency for entire organization
- >> Improves asset utilization by providing gate arrival & departure times
- >> Improved operating costs through fuel consumption, labor reduction and lack of recurring data transmission fees
- >> Improved cold chain compliance for food safety and HACCP programs
- >> Improved carbon footprint by reducing CO2 emissions
- >> Improved maintenance costs by reduction of engine hours and related consumables