

# Wireless Asset Management

## Opti-Kan™: Optimized Kanban System



**I.D. Systems, Inc.**

Expanding the range of wireless solutions

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The Wireless Asset Net® improves productivity by streamlining work flow through automated messaging, establishing accountability for use of equipment, ensuring equipment is in the proper place at the right time and providing management with unique metrics.



**Our Opti-Kan™** optimized kanban system is an RF-based wireless solution that is highly configurable to achieve any task management or parts replenishment goal you can imagine.

### MAJOR BENEFIT AREAS

1. Automated, directed workload balancing
2. Operational flow visibility and accountability
3. Significant labor cost reductions
4. Industrial vehicle capital and operating cost reductions
5. Minimized work-in-process and inventory
6. Less production line down time
7. Actual ongoing measurement and refinement of industrial engineering task standards

### MAJOR FUNCTIONAL AREAS

- Electronic work request/parts replenishment eliminates the need for line-of-sight, card-based, and manual request systems
- Real time, accurate status of material flow for supervisors, floor operators and vehicle operators
- Intelligent, automatic task scheduling, assignment, execution (by location, activity queue, etc.)
- Records key product movement data by operator and vehicle
- Benchmarks operator performance (individual vs. best/worst/average)
- Establishes best routes for tasks and continually measures best efficiency against standards
- Balances workload between industrial vehicle operators
- Establishes complete accountability for task requests and execution
- Two-way messaging system for accepting/declining tasks, automatically distributes tasks to optimal operator
- Multiple reporting and graphing options

### PROVEN TECHNOLOGY & RETURN ON INVESTMENT

- Demonstrated economic benefits for leading *Fortune 500* companies and major government agencies
- Guaranteed effective in harsh industrial environments
- Guaranteed compatible with other RF/RFID systems
- Unmatched pre-/post-implementation support

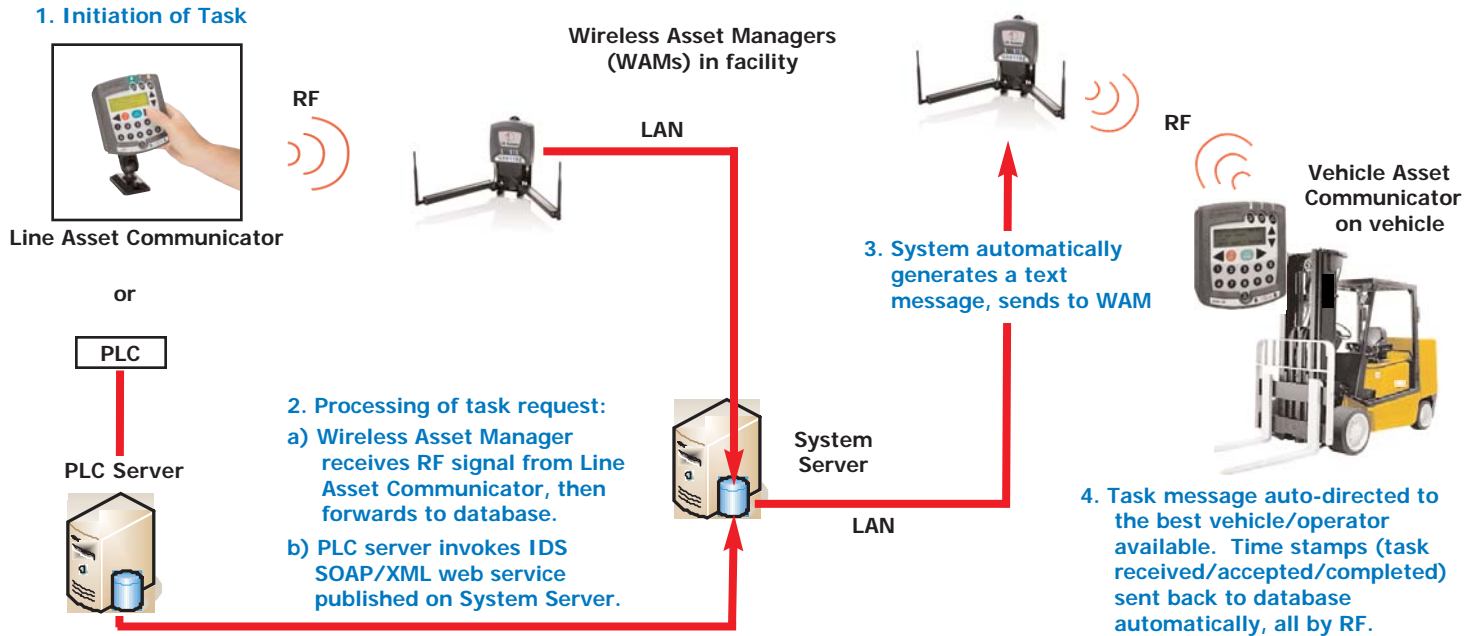
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### TYPICAL SYSTEM CONFIGURATION

The Opti-Kan™ (short for optimized kanban) system is a component of the Wireless Asset Net® system. Working in conjunction with a task request input device such as a Line Asset Communicator™ or handheld scanner, Opti-Kan provides superior real-time wireless kanban functionality.



Line Asset Communicators mounted at work stations use two-way RF communication to send an unlimited number of task requests, and track and display the status throughout the task duration. They also track and measure activity of the floor operators.



Wireless Asset Managers, located strategically throughout the facility, provide robust two-way RF communication with an unlimited number of Line Asset Communicators at workstations and Vehicle Asset Communicators on industrial vehicles.



Vehicle Asset Communicators mounted on industrial vehicles use two-way RF communication to process task requests, confirm acceptance, track and measure productivity throughout the task duration.



The system software provides a graphical user interface that can be accessed over any local or wide area network. It selects the best available operator to complete tasks based on configurable rules, and publishes the data through a reporting tool.