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Connected Pallets

Revolutionizing Asset Management,
Improving Efficiency

Connected Pallets use RFID technology to provide real-time insights into pallet movement and condition, boosting efficiency, reducing costs, and enhancing business operations with unparalleled supply chain visibility.

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RFID-Enabled Pallets

An added service offered at Oak Creek Wood Products - RFID technology is built inside the pallets to provide real-time tracking and management. Combined with a mobile app, this cutting-edge solution offers unmatched visibility into your supply chain and improved efficiencies throughout the business.

Tackle Your Challenges

✓ **See your stock with real time location services**

✓ **Identify process gaps or opportunities by creating 'zones' and tracking movement through them**

✓ **Know what inventory you have with real time counting**

✓ **See everything on the easy to configure dashboards**

✓ **Create tasks and complete tasks on the mobile app**

✓ **Manage your stock levels for all items through live inventory**

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Know Your Pallets, Own Your Operations

With no clear visibility and tracking procedures - one of the biggest headaches for businesses is missing pallets. Whether it's in transit, between warehouses, or at a customer's site, losing pallets isn't just frustrating—it's costly. Companies spend time and labor trying to make their pallets stand out through paint, branding, or barcodes, yet pallets still disappear into the supply chain void, driving up labor costs as teams work to locate them.

RFID-enabled pallets eliminate this problem entirely.

How RFID Works in Your Supply Chain

End-to-End Visibility with RFID

- ○ RFID tags are attached to pallets, encoding unique IDs and additional data like product type or location.
- ○ As pallets move through facilities or transit, RFID scanners—whether handheld, forklift-mounted, or dock-door portals—automatically log their locations and statuses.
- ○ All data syncs in real-time to a centralized system, accessible via an app or dashboard, providing full supply chain visibility.

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RFID Features Tailored to Your Needs

Real-Time Tracking Capabilities

Precise Pallet Counts Across Facilities

Gain complete visibility into your supply chain by monitoring pallet inventory across multiple locations in **real-time**. Whether pallets are stored in a warehouse, loaded onto trucks, or staged in outdoor zones, RFID technology ensures every movement is captured instantly and logged accurately.

- **Centralized Tracking**: Manage inventory from one dashboard, accessible via mobile or desktop apps.
- **Proactive Stock Management**: Instantly identify shortages or surplus, allowing you to optimize pallet usage and avoid bottlenecks.

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Every Pallet, Every Location.

Automated Alerts & Notifications

Proactive Monitoring:

- ⬡ Set customized alerts for key events such as low stock levels, pallet movement, delays, or unexpected conditions.

- ⬡ Instantly receive notifications to act before issues escalate.

Threshold Management:

- ⬡ Define alert thresholds for specific parameters like low inventory, overstock, or missed deliveries.

- ⬡ Ensure your team is always aware of important changes in inventory status.

Seamless Integration with Existing Systems

The RFID tracking system easily syncs with your existing ERP and WMS, ensuring a smooth, unified workflow and reducing operational disruptions. This integration allows you to leverage the systems you're already using, maintaining efficiency across your entire operation.

The system is also fully adaptable with custom API integrations, enabling you to connect with other software or applications. Whether it's for shipping, customer service, or reporting, you can extend the functionality to fit your specific needs and gain deeper insights across your operations.

Customizable Application

The RFID desktop and mobile app adapts to your needs with customizable dashboards to track key metrics like inventory and pallet movement. Tailor workflows for tasks like order fulfillment or repairs, modify screens as operations evolve, and use role-based access for focused team views. Built to grow with your business, the app ensures long-term flexibility.


- **Dynamic Reporting**: Generate custom reports for inventory, movement, and trends.
- **Multi-Location Management**: View and manage data across multiple facilities in one platform.
- **Scalable Design**: Expand functionalities easily as your operations grow.

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Enhance What You're Already Doing

A multitude of technologies are available that seamlessly integrate with RFID capabilities.

We'll work with your business to enhance your current systems, incorporating RFID solutions that complement your existing tools to improve tracking, visibility, and efficiency, all while aligning with your budget and specific needs.
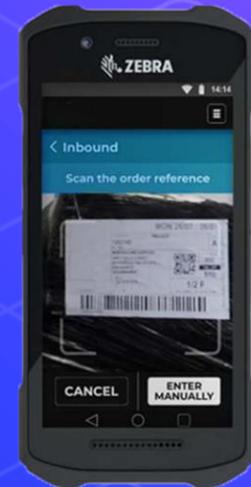
A Mobile App To Support The Workforce

Key Features

- Detect RFID tags from greater distances, even across large warehouses or outdoor zones.
- Rapidly scan multiple tags simultaneously, saving time and reducing repetitive tasks.
- Seamlessly switch between RFID and barcode scanning to handle all tracking needs with one device.
- Compatible with a variety of tags and workflows, from product-level details to pallet-level tracking.
- Multiple workflows to solve all your operational issues—whether you need to count quickly, scan barcodes, or capture photos of damage, the app and technology will handle it for you.

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A Dashboard To Support The Business

Key Features

○ **Multi-User Access:** Manage users across your organization with customizable access and security.

○ **Customer Management:** Easily handle multiple customers with personalized access and insights.

○ **Custom Data Display:** Tailor dashboards to highlight the key information you need, from tracking to inventory levels.

○ **Track Losses & Finds:** Monitor pallet losses, found items, and discrepancies in real-time.

○ **Reporting:** Generate detailed reports on inventory, movement, and condition for better decision-making.

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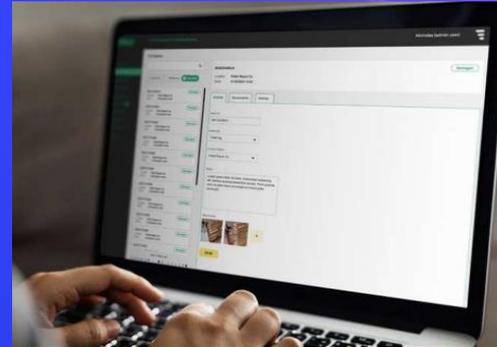
Maximize Efficiency, Minimize Loss

For high-volume operations and businesses managing in-house pallet pools, RFID-enabled Connected Pallets offer significant ROI by addressing common pain points and delivering measurable savings.

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Eliminate Pallet Loss

- By reducing loss rates, companies **save thousands annually** on replacement and labor associated with tracking down missing assets.

Reduce Labor Costs

- RFID automates traditional processes, enabling employees to focus on higher-value tasks like production or customer service.
- For large operations, this can lead to **50–70% savings** in labor hours spent on inventory management.

Boost Asset Utilization

- High-volume, in-house pallet pools often face bottlenecks due to pallets being underutilized or misplaced.
- With RFID, you can **optimize your pallet fleet** by knowing exactly where each asset is and ensuring its availability when needed.

Improve Operational Efficiency

- RFID **accelerates workflows** by instantly tracking pallets, reducing search times, speeding up shipments, and ensuring smoother operations for improved customer satisfaction.
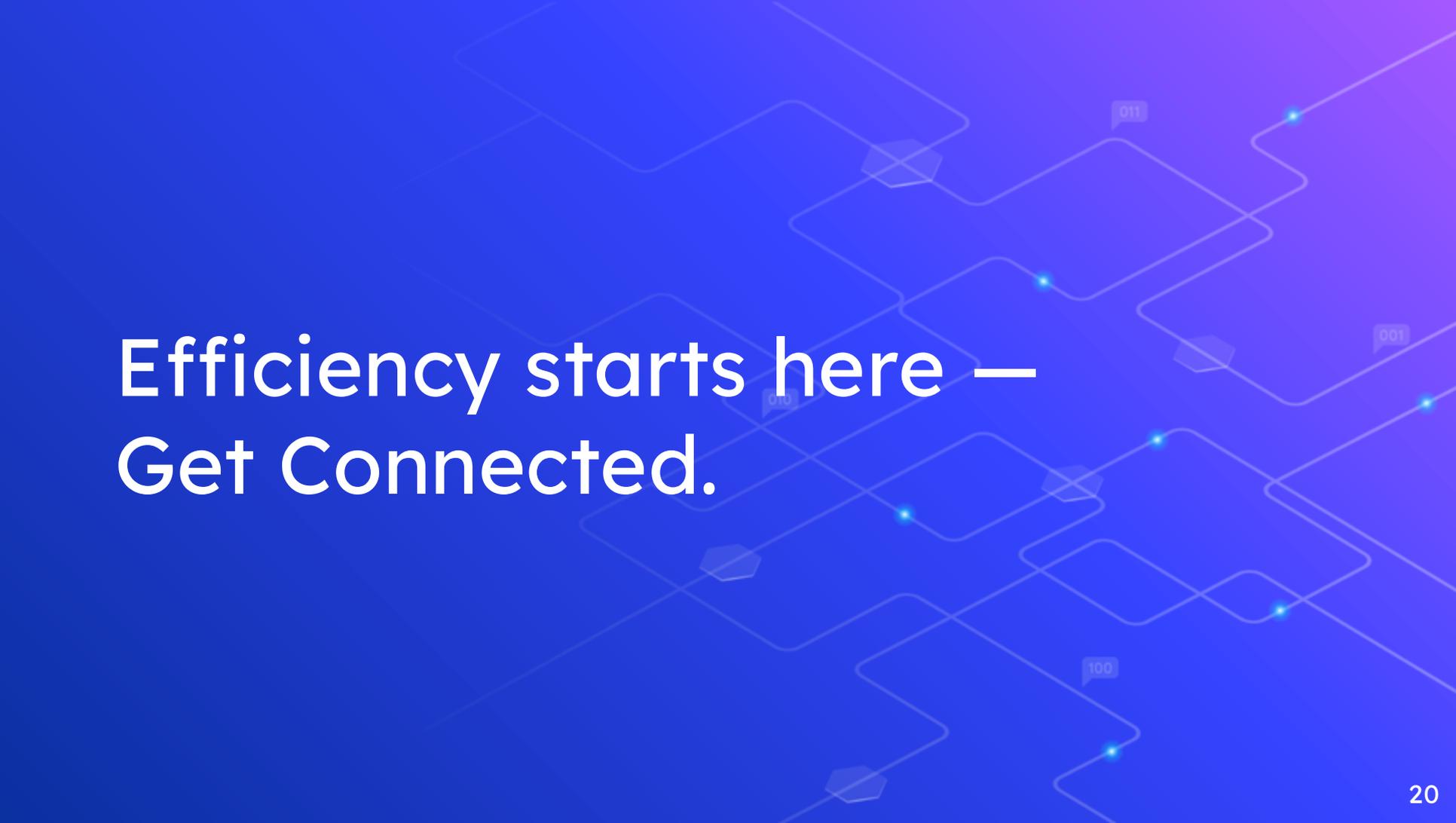
40%

Increase in enhanced accuracy

20-30%

Reduction in cycle times and labor costs

15%

Reduction in carrying costs

Efficiency starts here — Get Connected.

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