



Technology Advancing the Global Supply Chain

TradeLink Technologies is a supply chain technology solutions provider for global brands and retail companies. We provide complete set of packing and shipping solutions that are RFID enabled to help our customers maximize efficiencies in their supply chain.

ACCURACY

VISIBILITY

ADVANCED
DISTRIBUTION
PROCESSES

TECHNOLOGIES



RFID Technologies

**Automated packing and
shipping workflows**

**Achieve 100% Order
Accuracy to item level**

Increase Order Visibility

**Integrated workflows with
entire Supply Chain**

**An experienced team to support
your Supply Chain Goals**


**Cost effective solutions and
Easy to deploy**

Contact Us

 (+852) 3719-9000

 www.tradelinkone.com

 salesGCR@tradelinkone.com

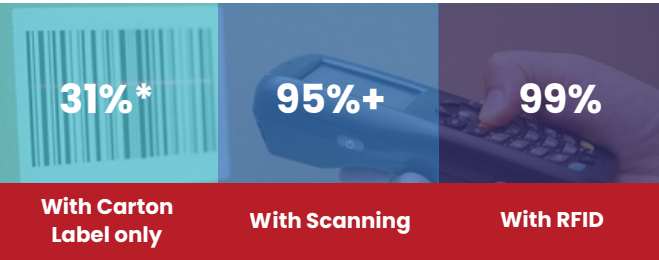
 Units 2005-2007, 20/F,
Two Harbourfront,
22 Tak Fung Street, Hung Hom,
Kowloon, Hong Kong.



TRADELINK TECHNOLOGIES MISSION



SHIPMENT ACCURACY (ITEM)



With Carton Label only

With Scanning

With RFID

- Label Pre-Gen

*GS1-AUBURN 2017

- Scan Verification
- Pack & Scan
- Scan & Pack
- Scan & Load
- Standard Carton & Carton Type
- Integrated Scale
- Standard Weights

- RFID Scan Chamber /No Chamber

SHIPMENT VISIBILITY



- PO
- PO Collaboration
- eMail Alerts
- Order Status
- Advance Ship Notice
- eLinkOne/MLinkOne
- Cloud-based application for labels and messaging

- Decision Support
- Standard Reports
- Report Writer
- Control Tower
- Raw Materials Tracking
- WIP Tracking



RFID BETTER TECHNOLOGY

WHY RFID?

01

The Cost of Business

- US Retail Companies make about \$135 Billion in Profit.
- US Retail Companies chargeback about \$35 Billion.
- Supply chain data & shipments can be more accurate and timely.

02

RFID can save money

- 93% of US retailers are moving to RFID*.
- Non RFID tagged items are 7 times more likely to be incorrect or miscounted.
- Average chargeback for these items is \$50.

*GS1

03

RFID costs are coming down

- RFID tags on average about \$.04 and could drop a bit more (These are usually paid by customers).
- RFID equipment costs are trending down and are scalable.

Contact Us



RFID BETTER WORKFLOW



Process improvement via RFID technology should provide benefits in these areas based on usage

- Improve order fulfillment for your customers down to the item level.
- Anti-counterfeiting/Grey Market deterrence.
- Support Serialization workflows.
- Detect "non-compliant" tags at origin.
- Verify Outbound and Inbound Shipment information visible on the cloud.
- Precise Item Level Tracking in the form of the EPC List & view.
- Reduce Packing & Labor Costs approximately 40 percent savings.
- Reduce Inventory Shrinkage - Audit has pinpointed where shrinkage maybe happening. Asset tracking.
- Minimize Chargebacks from poor quality shippers.

RFID FORECAST



Coming Future Events will require more technology

- **Serialization Today**
A number of companies are serializing their items for brand authenticity & gray market minimization. Ralph Lauren and H&M are two examples.

- **DPP – Digital Product Passport – Europe 2027**
The DPP is a tool to create transparency and unlock circularity proposed by the European Commission (ED) that will share product information across the entire value chain, including data on raw material extraction, production, recycling, etc. 24 January 2023.

- **GS1 SUNRISE 2027**
Movement toward 2D bar codes some supplemented with RFID as 2D bar codes carry more information and will allow the customer to read that data.

- ✓ Improved inventory management.
- ✓ Enhanced recall readiness.
- ✓ Greater sustainability and ethical sourcing.
- ✓ Better product authentication.
- ✓ Greater Brand Trust.



InventoryOneM is a cloud-based solution that allows users to accurately track raw material inventory through the supply chain, from raw material suppliers to finished goods facilities. InventoryOneM leverages serialization, accurate tagging, and scanning to remove the uncertainty from managing raw material workflows. RM1 enables a traceable workflow and provides critical chain-of-custody information through the finished product.

Key features include PO collaboration with Raw Materials suppliers and in-transit inventory tracking across multiple warehouses in different locations. Warehouse workflows such as in/out activities, on/off shelf storage, and stock taking of raw materials are all automated by the scanning of 2D barcodes and/or RFID labels tagged on items.

Raw Material Management

InventoryOneM



TradeLink InventoryOneM solution consists of three components:

InventoryOneM Mobile Application

A lightweight mobile application allows users to stay connected and access information within the warehouse. It facilitates tasks such as scanning and receiving items, conducting cycle counts, and managing stock movements. QR codes or RFID tags can be used.



TradeLinkOne

A cloud-based web portal connecting to your ERP systems for data integration and conversion. It has built-in PO Collaboration features and provides visibility for all inbound and outbound business documents and transactions for raw materials.

mLinkOne

An online application built inside the TradeLinkOne platform. It allows the raw materials suppliers to view their purchase orders, input packing information to create QR Code labels for their shipment, and submit shipping documents after ex-factory.

How InventoryOneM improves your work efficiency

InventoryOneM - A portable and scalable digital raw material management solution:

Cost Reduction

Reduces labor costs and chargebacks due to material quality, avoids inventory shrinkage, and improves inventory turnover.

Shipment Traceability

Allows finished goods factories to anticipate shipment quantity, arrival schedule, and plan their production accordingly.

Inventory Visibility

Ability to have real-time and accurate information about the quantity, location, and status of inventory.

PO Collaboration

Facilitates communication between buyers and raw material suppliers at the order level, including discussions on fulfillment, commitment, and delivery scheduling.

2D Barcode or RFID Tagging

Simple scan to identify, monitor, and trace movement of raw materials.

Shipment Inspection

Reinforce quality control with an integrated weight scale and photo-taking feature.

Report Writer

Build your own reports along with a wide range of operational and discrepancy reports .

Multi-language

Supports local languages to ensure a holistic and user-friendly experience.

Raw Material Inventory Automation provides benefits in these areas:

- Improve productivity - ensures all materials on hand for production
- Improve reordering - makes reorders seamless and accurate
- Reduce costs - less unused inventory means capital used more efficiently
- Reduce on-hand inventory - accurate on-hand inventory allows for a smaller buffer. Excess inventory may lead to obsolescence or damage.
- Eliminate shortages - eliminates missed orders, increased transportation costs, and lost productivity
- Improve customer service and order fulfillment - stock outs can result in lost orders, back-orders, late delivery dates and thereby impact customer satisfaction
- Comply with regulatory requirements related to traceability

InventoryOneM Features

- ✓ InventoryOneM is compatible with mobile devices or tablets for easy online scan and receipt, or with handheld scanners for the warehouse or factory floor
- ✓ Supports multiple locations
- ✓ Compliant with all GS1 Barcode standards for 1D barcodes, 2D barcodes, or QR codes
- ✓ RFID tagging is recommended for better packing accuracy and traceability
- ✓ Weight scale integration
- ✓ Smart email alert system
- ✓ Receiving/Discrepancy Reports
- ✓ Customized Report Writer Tool
- ✓ Multi-language support (English/Chinese, etc)

InventoryOneM Overview

