iTL

Intelligent
Label Solutions

360**RFID**

RFID made easy

Why RFID?

Access to instant information means that today's tech savvy consumer can effectively buy whatever they want, whenever they want it.

To remain competitive, retailers are having to work harder; guaranteeing immediate product availability and a richer customer experience whether in store or on-line. RFID integration is the vital enabler for retailers to maximise sales potential, reduce operating costs and drive customer satisfaction.

The Problem

Loss sales, increased costs and weak customer experience.

- Out of Stock loss accounts for 4% of total revenue
- Only 30% of customers look for in-store substitutes
- 70% of customers move to a different store when they can't find what they're looking for

The Solution

When RFID tags, hardware and software integrate seamlessly, you can benefit from:

Decreased cost through improved efficiency:

- Improved inventory accuracy
- Reduced shrink/fraud cost
- Reduced labour cost at point of sale.
- Improved goods movement structure
- Provides authenticity and reduces counterfeits
- Sales associates can focus more on sales

Increased sales through improved customer experience:

- Better awareness of product location
- Faster checkout and Click & Collect
- Reduced Out of Stock
- Increased cross-selling opportunities
- Offers a guarantee that product is authentic

Additional opportunities:

- Access to even more data
- Increased Marketing Opportunities
- Improved task management

We are ITL

With over 30 years' experience, we are a global provider of apparel label solutions, supporting brands, retailers and manufacturers all around the world.

Our comprehensive range of products and services lets us optimise your brand identity and supply chain performance.

With experience comes great partnerships – we have a solid track record of partnerships with many of the best known names in our industry such as M&S, Victoria's Secret, TFG and Next.

Our wholly owned and widespread weaving, printing and encoding operations across a number of key needlepoint locations – which are connected by ITL's proprietary supply chain application platform, LabelVantage™ – mean we are here for you, wherever you need us.

Our 360° solution

RFID made easy.

Our integrated RFID solutions not only ensure a seamless adoption process but continue to generate maximum benefits for your business throughout your RFID journey.

Professional Services

Our in-house experts will guide your RFID deployment through piloting, ROI calculation and tag evaluation whilst ensuring an effective and efficient system integration.

RFID Hardware

Our RFID hardware supports stock counting, reduces theft & fraud and enhances customer experience.

RFID Tags & Labels

Our verticality means we can customise, convert and offer an extensive range of best in-class consumables tailored to meet the demands of your retail environment.

Our 360° solution

LABEL
vantage™

Reflect RFID

Data Management Platform

ITL's LabelVantage™ online platform is designed and developed to deliver label programs quickly, reliably and on a global scale.

Global Printing & Encoding Bureaus

Located globally for fast and seamless fulfilment to your product suppliers.

Inventory Management Application

To empower you with access to real-time, shareable and accurate item-level inventory.

Our expertise
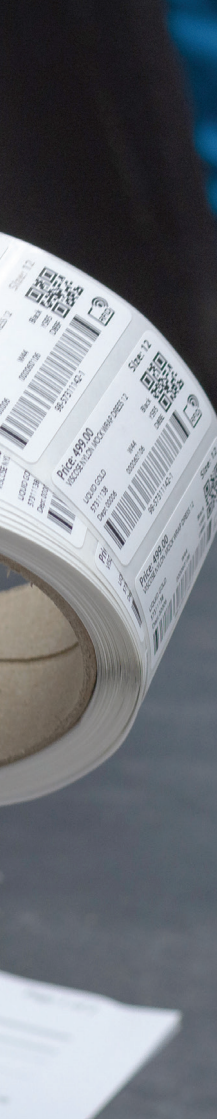
A partner who can guide you through the process of evaluation, adoption and future-proofing your investment is essential for a successful RFID deployment.

Try Before You buy

We have our own in-house state of the art inlay testing kit which allows us to accurately test and compare different inlays in a real life in-store environment to ensure the label meets the retailers application and performance requirements. We have extensive experience through conducting pilots and POC's and current source tagging programs to provide support and guidance throughout your RFID journey.

Experience

Our RFID advisors are always happy to offer training and support to ensure your RFID adoption is efficient and effective for maximum ROI.

Business Case and Proof of Concept

Understanding if adopting RFID is right for your business requires careful analysis and ROI case building. ITL can help you every step of the way and ensure that your final decision is the correct one.

System Integration

Successfully deploying RFID requires many components which can become complex and stressful. We remove this stress by ensuring all systems integrate and connect seamlessly with your IT function. You won't even know we're here!

Tags & Labels

Because keeping track of your brand is important, we offer a complete range of quality-assured inlays and track your products effectively and efficiently.

Extensive Range

- Label Types: Stickers, Tags, Sew-ins and Hard Tags
- Applications & Products: Apparel, Footwear, Jewellery, Cosmetics
- Sustainable Labels: We can improve your environmental impact through our more sustainable RFID tags

Quality Assured

All of our tags are ARKS approved, conform to EPC Class 1 Gen 2 protocols and are available in ETSI and FCC frequencies.

Verticality

We have the expertise, machines and capabilities in-house to offer tailored tags & labels. From customisation to conversion we can meet the demands of your retail environment.
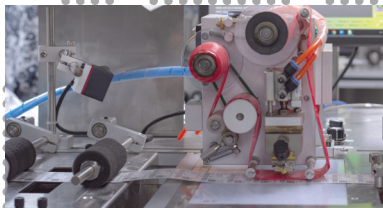
Test Before You Buy

Our in-house state of the art inlay testing material allows us to accurately test and compare different inlays in a real-life in-store environment to ensure the labels meet your application and performance.

Our partners

smartrac

TAGEOS

ALIEN.

BOINGTECH®

Global Capacity

Bangladesh | Canada | China | Ethiopia | Germany | Hong Kong | India | Mauritius | Madagascar | Mexico |

We're here wherever you need us.

With all our operations fully owned and RFID enabled, we can activate your RFID requirements at needlepoint and provide you with a source-tagging solution that allows a seamless integration within your supply chain and continuity of existing processes. We can also deliver your RFID labels alongside your other labelling & packaging components.

◯ 9 Marketing and Sales Offices

⬤ 14 Manufacturing Hubs

South Africa | Sri Lanka | Turkey | UK | USA | Vietnam

Reflect RFID - Features

Our scalable cloud-based software empowers fashion retailers and omnichannel with access to real-time, shareable and accurate item-level inventory.

Scalable and Easy to Deploy

Designed to help retail store managers raise the level of inventory accuracy. Reflect is extremely scalable and can be deployed in weeks as an out of the box proof of concept in a single store.

Instant Visibility and Improved Accuracy

Reflect provides significant benefits throughout the supply chain and can be adopted in your DC as well as your stores. It validates your goods in and allows accurate booking in procedures once goods are received in the back office.

Seamlessly Integrates

Reflect lies in its cloud structure; therefore doesn't require heavy investment in IT infrastructure to integrate with your ERP systems.
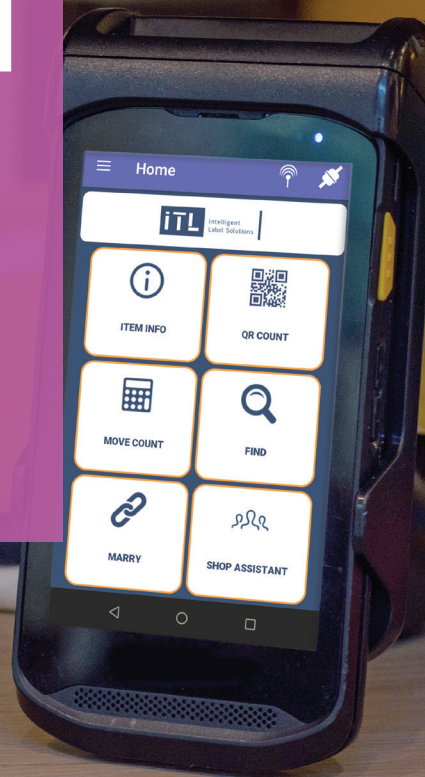
Rapid Cycle Counts

Deploying Reflect enables daily/weekly stock counting as well as making the process more staff friendly and less time, skill and cost intensive. Counting RFID-enabled stock is proven to be 25 times faster than conventional barcode scanning.

Reflect RFID - Components

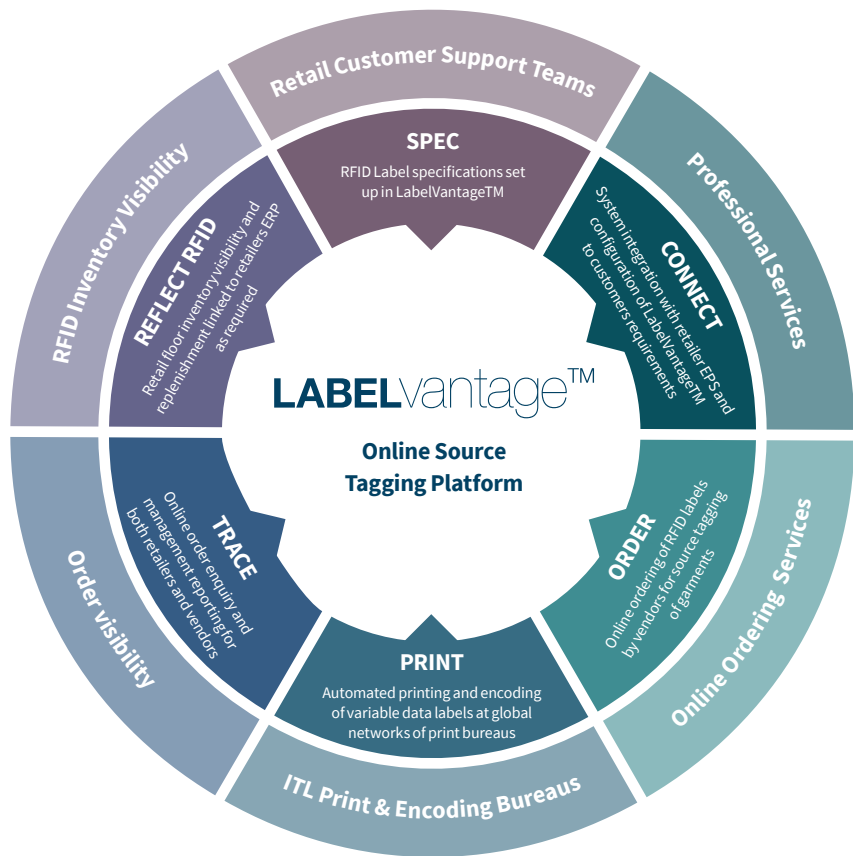| Component	Description	Benefit
Reflect | Mobile	RFID application which resides on hand-held devices.	**Real-time:** • Stock count • Product location • Replenishment
Reflect | Fixed	Our process that runs on your fixed readers.	**In-store:** • Enables RFID POS check-out allowing for quicker checkout and anti-theft • Smart fitting rooms/magic mirrors **DC/Warehouse:** • Enables accurate reception/shipping of goods • Inventory control
Reflect | Web	A series of dashboards and tools to monitor your inventory and administer your RFID system.	• Reporting and business analytics • Central stock management
Reflect | Cloud	A Rackspace powered application which stores all real-time inventory data and intelligently processes fashion-retail related tasks.	Scalable, cost-effective and easy to deploy
Reflect | Print	A local print and encoding application for your on-demand RFID tag requirements.	• Customers can print and encode from their DC or in-store • We can deploy 'tag up parties' for store pilots where all existing stock in store needs to be RFID tagged
Reflect | API	A series of calls designed to connect your ERP and/or peripheral devices to your real-time RFID data.	Connects to third-party applications

LABEL
vantage™

Managing complex global labeling programs requires a reliable supply chain platform.

Our online platform, LabelVantage™, is designed to integrate with our inventory management software ReflectRFID to allow a seamless addition of RFID tagging with the more regular label production process and the variable data for each item.
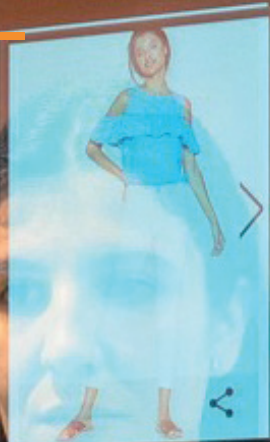
LABELvantage™

Online Source Tagging Platform

Retail Customer Support Teams

Professional Services

Online Ordering Services

ITL Print & Encoding Bureaus

Order visibility

RFID Inventory Visibility

SPEC
RFID Label specifications set up in LabelVantageTM

CONNECT
System integration with retailer EPS and configuration of LabelVantageTM to customers requirements

ORDER
Online ordering of RFID labels by vendors for source tagging of garments

PRINT
Automated printing and encoding of variable data labels at global networks of print bureaus

TRACE
Online order enquiry and management reporting for both retailers and vendors

REFLECT RFID
Retail floor inventory visibility and replenishment linked to retailers ERP as required

RFID
Hardware

RFID hardware systems come in all different shapes and sizes and is certainly not one type fits all.

We offer an extensive range of RFID hardware designed to support stock counting, anti-theft and enhance customer experience.

Inventory Accuracy	
Handheld Readers	Mobile inventory and encoding devices that can be deployed throughout the store to provide rapid and accurate counting.
Overhead Readers	Fixed positioned readers that provide real-time inventory of all tagged items located in a given space. They also offer perpetual counting and tracking of product movement throughout the store.
Robots	Intuitive Robots are mobile and autonomous RFID systems that automatically read inventory at any given time of day (even overnight!)
Smart Shielding	Universal electro-conductive base coating shields RFID UHF frequency electromagnetic fields to separate shop-floor and stock room inventory.

Customer Experience	
Interactive Screens / Magic Mirrors	A product recommendation and cross-selling system. The screens use RFID technology and an integrated touch screen to improve your customer's shopping experience.
SmartLift	A product recommendation and cross-selling system. By simply picking up a product from the shelf, customers have access to more information about the product to increase conversion rate.
Frictionless Checkout	RFID reader for POS increases checkout speed and reduces queues at checkout.

Loss-Prevention	
Security Mats	Our security mats integrate four high-performance UHF RFID antennas inside a floor mat, for tracking people or objects.
Security Gates	Gates located at store exit detect the tagged items as they pass between the pedestals, verify if those items have been paid for and trigger an acoustic and/or visual alarm if any item has not been paid for. They are also a good theft deterrent.
Overhead Security Gates	An alternative to Security Gates, Overhead Security Gates detect the tagged items passing below the antenna, verify if those items have been paid for, and trigger an acoustic and/or visual alarm if any item has not been paid for. In addition, they improve store aesthetics, by having a store entrance free from obstacles.

What more from RFID?

Today's tech-savvy Millennial wants products now and fast. Once the business case for RFID is proven, you can leverage it to answer the demands of this consumer.

Inventory Accuracy

By improving stock accuracy to +95%

Smart Labels Merchandising

By showing expiring products first and ensure FIFO stock management policy

Frictionless Checkout

By reducing wait-time for click & collect and queues

Customer Experience

By reducing wait-time for click & collect and queues

Optimised Click & Collect

By recommending other items that a customer may like to also buy with what they have chosen

Reduced Theft & Fraud

By ensuring products returned were legitimately bought from you

RFID in action

The Foschini Group (TFG) selected ITL Intelligent Label Solutions as their global RFID inlay and source tagging supplier and embarked upon an ambitious 24-month rollout program in September 2018.

The Brief

South African-based retail group, TFG, operates 28 brands in over 4000 stores across 32 countries, and has put RFID at the centre of their 7 year 'Digital Transformation Program', citing improved inventory accuracy as key to their long term omni-channel strategy.

The Deployment

TFG selected ITL Intelligent Label Solutions as their global RFID inlay and source tagging supplier and embarked upon an ambitious 24-month rollout program in September 2018. The first stage of deployment would cover all their 22 South African brands including Markham, Fabiani, G-Star Raw, and Sports Divisions with the remaining brands going live thereafter.

The Results

In addition to achieving a double-digit sales increase, TFG have also pointed towards a number of immediate cost savings attributed to their RFID adoption including reduced staff costs and associated stock counting expense.

The retailer claims that counting stock in one of their stores now takes just 3 hours whereas prior to RFID, the same activity would take the whole team 2 full days and incur significant staff overtime and store closure costs.

Key Success Factors

Close collaboration combined with excellent project management and a can-do attitude have been instrumental in building a successful partnership between ITL and TFG. These have ensured a smooth and successful roll-out of this complex program across multiple brands within a compressed time frame.

TF
F
G

The
Foschini
Group

———————

"RFID allows us more time and more efficiency in reducing the physical count activity in store and releases people to do what they've been employed to do. Besides the data integrity, besides the significant increase in replenishment, the ROI on RFID is massive."

Martin Kurc
Senior Operations Business Process Manager – TFG

Additional Case Studies

bloomingdale's

Background

Bloomingdale's operates 35 full-line stores, 3 home, clearance and specialty stores and 17 outlet stores throughout the United States.

Challenges

• Globally supply RFID tags
• Find service bureau to encode and print near supply sources
• Integrate with ERP

Solution

• Our global service bureau provided just-in-time, on-demand printing/encoding for their RFID programme
• Best-in-class RFID inlays provided certified readability
• LabelVantage™ supplied visibility to view orders
• Professional integration team integrated data feeds to online systems

footgear
walk this way

Background

Footgear has grown to 63 stores nationwide, serving the whole family with the best shoe brands from around the world like Adidas, Nike, Puma and Converse.

Challenges

- Reduce cost and inefficiency of stock counts
- Increase stock counts from biannual to weekly
- Improve accuracy to achieve Omni Channel retail aims

Solution

- Improve Stock on hand accuracy
- Reduce stock count hours and cost
- Locate stock
- Quick resolution of variances
- Increased security and shrink management
- Enable Omni channel retail

Frank And Oak

Background

Frank & Oak is an online menswear retailer (with a growing physical store footprint) and subscription service offering members a limited feed of clothing and accessories .

Challenges

- A growing number of SKUs and increasing turnover
- Establishing reliable, real-time inventory accuracy

Solution

- Provide bespoke proof-of-concept (POC) for RFID technology.
- Creation of all RFID hardware, software and services for implementation

Bangladesh | Canada | China | Ethiopia | Germany | Hong Kong | India | Mauritius | Madagascar
Mexico | South Africa | Sri Lanka | Turkey | UK | USA | Vietnam

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