



.NET Mobile Applications for the Fresh Produce Industry

LINKFresh® LABELCheck

Key Features

- Mobile QC testing of head label, tray end label, promotion label
- RAG test enabled
- Barcode / RFID scanning
- Fully integrated with back-end solution
- Test method and type configurable by customer
- Test workflow pre-programmed for ease of use
- SMS / email failure alerts to key personnel
- On screen label images

Key Benefits

- Elimination of mislabelled produce reaching the customer
- Reduced time taken to perform QA checks
- Instantaneous test failure alert to halt production
- Reduced paperwork
- Can be used across multiple locations

The most common reason for a failed delivery is mislabelled product. This is a relatively easy mistake to make, but one that can cost supermarket suppliers up to £40,000 for each incident. In today's trading conditions and with profit margins already tight, the recurrence of heavy fines could significantly impact on the financial health of a business.

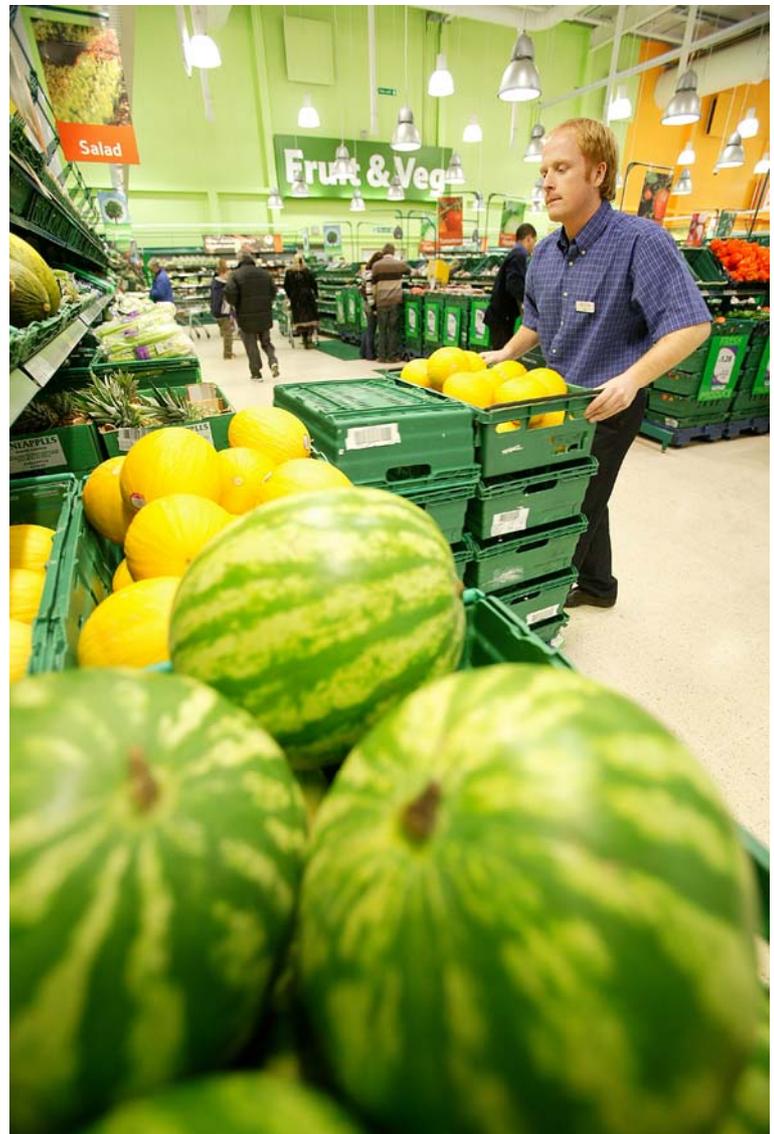
LINKFresh® LABELCheck is a mobile application designed for the pack house or field environment. It ensures that every aspect of labelling for each delivery is checked against information held in a central business management system before the product is allowed to leave the premises.

The correct test procedure is presented to the user via a mobile handheld device. LINKFresh LABELCheck will ask the user to scan the barcode on the label being tested. This is followed by a series of on-screen questions relating to information shown on the label being tested. Data is input directly into the device and the results are immediately recorded in real-time on the central system.

Head, Tray End or Promotion Label Verification

The number and type of tests to be performed can be configured centrally depending upon which supermarket is involved. Any seasonal or product specific testing that is required by the customer is also vetted. The testing can be configured to check against any combination of labels and label attributes including:

- Picked from Location / Country of Origin
- Destination Customer
- Description of Product
- Label Colour
- Best Before or Display Until Date
- Product Count
- Class
- Min. & Max. Weight
- Product Notes
- Packaging
- Red Tractor / UK Flag / Green Leaf Mark



Label Images

For each test an actual image of the relevant label can also be stored and displayed to the user to act as a visual prompt.

SMS / Email Failure Alerts

In the event that any of the tests produce a 'Fail' result, an immediate SMS text message or email is automatically be sent to key personnel. The pack house manager, QC or logistics manager, can immediately intervene to take corrective action. With manual paper-based label QC solutions, the time between the test being executed and the mistake being discovered is typically 4 hours. By this time the delivery may have already been despatched. With LINKFresh LABELCheck the failure alert mechanism is virtually instantaneous.



Fig 1. SMS Failure Alert TXT Message, showing; product, customer, reason for failure, user, location where test was completed and which handheld was used.



Fig 2. Waitrose Tray End Label scan test requesting product verification for Celery Hearts.

RAG Testing

RAG (Red, Amber, Green) Testing can also be carried out via the handheld devices on samples of produce. The number and types of test are fully configurable and can be pre-defined depending upon the product and customer. These tests could include, for example:

- Chill Damage
- Disease
- Dehydration
- Scuffing
- Excessive Water
- Pest Damage
- Soiling
- Uniformity
- Product Length



Fig 3. RAG Test data input screen



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