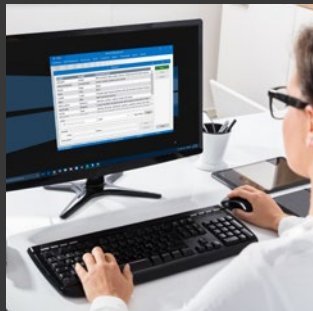


# STEVENS TRACEABILITY SYSTEMS

## DYNAMIC



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ISO 9001  
Quality  
Management

ISO/IEC 27001  
Information Security  
Management

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## Dynamic

Dynamic is an end-to-end paperless traceability system covering every aspect of your business from goods in, to despatch and waste management. This modular system is widely used to manage bulk and high-value ingredients to ensure accurate ingredient weighing to set tolerances.

Whilst achieving full traceability and reducing manual paperwork, the system supports product consistency, quality assurance, production efficiency, as well as reducing costly giveaway and out of specification batches. The system can also be used for portion control.

Dynamic has proven to reduce product giveaway, wastage, and help organisations conform with traceability audits, average and minimum weight regulations. The system benefits from easy access reporting suited for BRC, SALSA, Retailer and other audit programmes, with the added advantage of being able to complete mass balance reports at the touch of a button. In addition, with our custom designed integration service, you'll find integrating Stevens data into your existing ERP, MRP or accounting system a breeze.

**Stevens Traceability Systems include custom designed and built hardware and software which are supported by our friendly support helpdesk and our team of highly skilled Software, Service and Calibration engineers.**

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## Our Vision

To provide traceability systems which can be implemented in stages, meeting customers needs and budgets.

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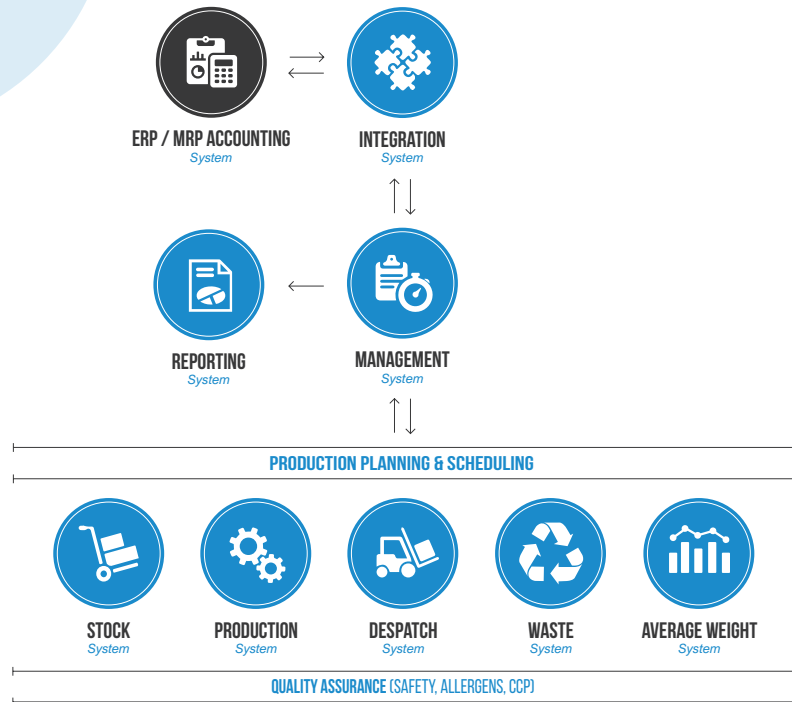
## Benefits of Dynamic

- ✓ Paperless
- ✓ Traceability
- ✓ Product Consistency
- ✓ Quality Assurance
- ✓ Accurate Ingredient Weighing
- ✓ Cost Reduction
- ✓ Reduce Giveaway
- ✓ Conform to Legislation
- ✓ Be Audit Ready
- ✓ Integration to ERP / MRP
- ✓ Service & Support

## Modularised System

The Dynamic Traceability System is a modularised system meaning each software component can be added to a system as and when it's required in the business.

Dynamic also offers great flexibility when it comes to hardware, from line control to bench scales and twin scales, your system can be tailored to your individual business needs. This brochure details all the software and hardware options available.



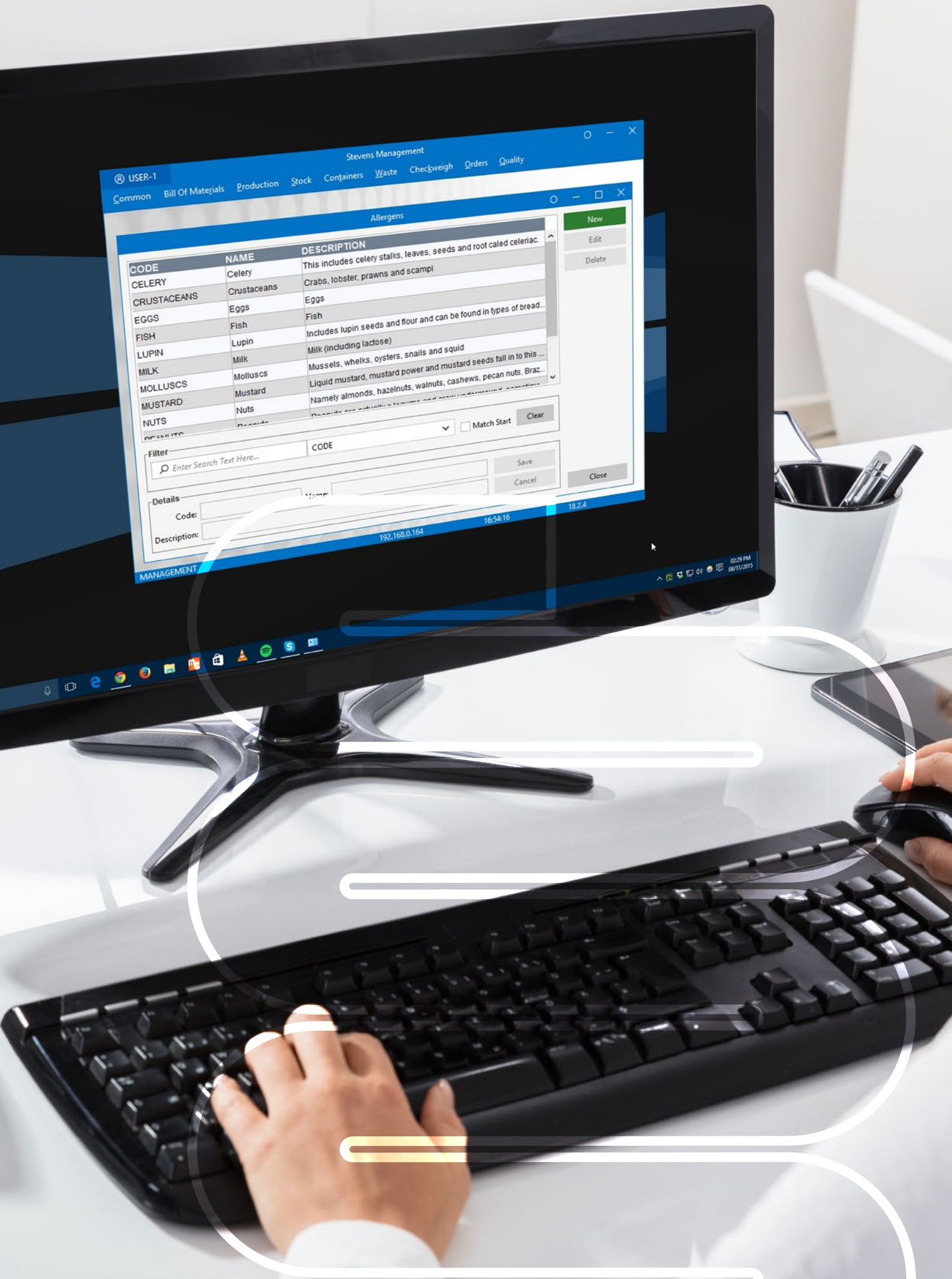
As a Critical Supplier, we are key to the operations and success of our clients businesses. We form strategic partnerships as our products and services enable clients to meet their business objectives.



“Not everyone wants or needs a full end-to-end traceability system or has the capital to invest in a system in one go. It's for this reason, we have created a modularised traceability system to give manufacturers the flexibility to improve their processes in stages, not having to invest in a full end-to-end system which they may not utilise initially.”

**Mike Wynburg, Managing Director**





Stevens Management

USER-1

Common Bill Of Materials Production Stock Containers Waste Checkweigh Orders Quality

### Allergens

CODE	NAME	DESCRIPTION
CELERY	Celery	This includes celery stalks, leaves, seeds and root caled celeriac.
CRUSTACEANS	Crustaceans	Crabs, lobster, prawns and scampi
EGGS	Eggs	Eggs
FISH	Fish	Fish
LUPIN	Lupin	Includes lupin seeds and flour and can be found in types of bread...
MILK	Milk	Milk (including lactose)
MOLLUSCS	Molluscs	Mussels, whelks, oysters, snails and squid
MUSTARD	Mustard	Liquid mustard, mustard power and mustard seeds fall in to this ...
NUTS	Nuts	Namely almonds, hazelnuts, walnuts, cashews, pecan nuts, Braz...
PEANUTS	Peanuts	Peanuts are actually legumes and ground peanut oil...

Filter:  Enter Search Text Here...  CODE  Match Start

192.168.0.164 16:54:16 18.2.4

MANAGEMENT

02:39 PM 08/31/2015

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## Stevens Management

Stevens Management is at the heart of the Stevens Traceability System. When working with our Dynamic software, Stevens Management puts you in complete control of the recipe detail, allows fine tolerances for ingredients, custom instructions, questions and captures data throughout the whole process.

The Quality Assurance controls within the Stevens Dynamic Traceability System include allergen control, Certificate of Conformity, goods inward checks, start-up routine checks, and product specifications. These ensure you conform to all quality standards throughout the production process. Operator controls allow you to define who has access to specific functions, so you can limit your operations to specific members of staff, ensuring data and operational security throughout your system.



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## Quality Assurance

Quality Control is vital to all organisations and the Stevens Dynamic Traceability System allows for a library of quality assurance questions, responses, and stages to be set up for simple execution on the production floor.

Quality Assurance questions can be prompted at appropriate times and associated with commodities or events. Positive and negative answers can determine the next course of action.

Allergen Control, Process Control, Safety, Critical Control Points (CCP), Calibration and Testing Routines can also be incorporated into the various modules too.

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## Reporting Dynamic

Reporting Dynamic features a range of reports supporting mass balance and full traceability. The suite includes:

- ✓ Ingredient Usage
- ✓ Production Summaries
- ✓ Batch Reporting
- ✓ Recipe
- ✓ Operator Production

Stevens Reports also features many different export options, such as PDF or CSV. Reports can also be scheduled to run at set intervals and printed or emailed automatically to specific recipients.

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## Integration with ERP/MRP

Stevens Dynamic Traceability System can be integrated into many back-office systems such as Sage, SAP, Tropos, Access, Navision and many more. The Stevens integration service is configurable and can support both CSV and XML file formats, providing automated data exchange between your ERP/ MRP or accounting system and the Stevens Traceability System. The integration service can be used to provide a single source of information for the business, eliminating double handling of data and preventing human errors commonly associated with manual paperwork.

Integration modules available include: Commodities, Recipes, Production Schedules, Purchase Orders, Sales Orders, Stock, Locations, Operators, Allergens, Quality Assurance messages and many more.







# Batch Report



## Batch Details

Batch Number 17165 Status: PASS  
Terminal C6S-1 ONLINE Sign Off Initials: 1  
Location DGH Vanatage 2 Sign Off Notes:

Product Code 800FH No. of products 0  
Product Description 800g Farmhouse  
Nominal Quantity (On) 800.0 L1/T1 785.0  
Tare Code 800G L2/T2 770.0  
Tare Weight 8.0 Batch Reference 1

Samples	16	Count	%	Other Rejects
Overall Mean	804.3	L1/T1	0 0.0	LOW 0
Overall SD	0.5	L1 Rejected	0 0.0	HIGH 0
Start Time	11/10/18 11:01	L2/T2	0 0.0	Low Mean
End Time	11/10/18 12:47	Metal Rej	0	Acc. Rej.

## Attributes & Variables

Time	Question	Answer
11.02.01	Select Temperature	>20 deg C
11.02.00	Please Scan Barcode	0014460527
11.09.12	Reason for not sampling	On Break
11.15.43	Reason for not sampling	Breakdown
11.16.01	Reason for not sampling	Breakdown
11.21.40	Reason for not sampling	On Break
12.47.03	Idle warning	Ok
12.47.00	Reason for not sampling	On Break

Ask me anything



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## Stock Dynamic

Stock Dynamic can handle your day to day stock management. Goods can be received into the system and moved from one stock location to another. Stock levels can also be adjusted with Quality Assurance (QA) data. Stock Dynamic is an easy to use module, allowing you to control all aspects of your warehouse.

Included within this module are options such as:

Stock Receive, Purchase Order Receive, Stock Move, Stock Withdraw, Stock Adjust, Quarantine, Reprint Labels, and Sieving Control.

As goods are received, unique lot numbers can be generated, or manufacturers batch numbers entered to start the traceability of that ingredient/product. Purchase Order number, Supplier, Expiry date, Location, and other information can be recorded, allowing product traceability from the start.



Quality, Conformance, and Allergen Control questions can be recorded at this stage, including commodity specific or event specific questions and messages. Eradicating paperwork, double entry of data and possible operator errors.

Other optional modules include Stock Transformation and Stock Sieving. Transformation converts one commodity to another, e.g. frozen chicken breast into sliced chicken, whilst also recording batch numbers, Quality Assurance (QA) data and yield information.

Sieving is often one of the first Critical Control Points (CCP), Sieve Stock manages the movement and traceability of the product from warehouse stock, or quarantined areas in bulk through to sieving and is finally dispensed into ingredient containers.

## Production Dynamic

Production Dynamic covers all aspects of the production environment from recipe weigh up to finished product packing and incorporates processes such as portion control and average weight.

The Production Planning and Scheduling module allows recipe batches, finished product, and quality control requirements to be scheduled centrally and executed by the respective production terminals. Batches can be scheduled by quantity, mix size, production location or yield.

Production can be controlled by sites, locations, operators, shifts or production dates, allowing management to prioritise production. This module also enables monitoring and control of ingredient usage, it manages stock levels and batch events whilst providing detailed reporting, dashboards, and alerts.



Location scheduling allows recipes to be weighed across different production areas, splitting, for example, dry and wet ingredients. The Collation module would then allow the mixes to be collated in the mixer terminal.

The Container Referencing module allows unique identifiers to be used to track content, eliminating the use of paper labels and thereby reducing paper on the shop floor. Ingredients can be consumed from the container or batches produced.

Ingredient consumption can be controlled by several methods including stock locations and expiry dates - FEFO/FIFO (First expired, first out / First in, first out).

Optional modules within Production include Batch Weighing, Campaign Weighing, Finished Products (Job Terminal, Packaging, Portion Control), and Average Weight.





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## Despatch Dynamic

One of the final stages of the Stevens Dynamic Traceability System is Despatch. Within Despatch, operations such as picking and despatching Sales Orders are undertaken. Sales Orders can be entered or imported using the Integration Service onto the Stevens Traceability System. The software also allows editing of Sales Orders from shipment back to stock, providing a flexible solution for high change environments, commonly found in companies with high order frequency.

The optional Pallet Builder module allows finished goods to be added to specified pallets, to Sales Order requirements, and despatched as a complete pallet, providing accurate traceability.



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## Waste Dynamic

Waste Dynamic enables the recording and reporting of waste produced. The module associates with production and non-production factory locations, product, and lines. This allows you to enhance traceability and manage yield loss to support continuous improvement and management of the waste cycle.

## Average Weight

The Stevens system can also help you to carry out effective average weight checks as well as conform to average weight legislation.

For offline average weight checks (sampling), a Stevens average weight station can be set up where required in your production line, whether that be before the ovens i.e. raw ingredients, or finished goods where average weight checks are a legal requirement for businesses who sell packaged goods that are sold by weight.

The Average Weight software allows samples to be taken off a run and their individual weights to be recorded electronically. It also tracks a range of data including:

- Average Weight
- Underweights (T1 %, T2 count)
- Standard deviation
- Time in batch
- Number of sample

What's more, the Three Packers Rules are at the core of the Stevens Average Weight software enabling manufacturers to conform to average weight legislation. The software is programmed to ensure that the following three rules are adhered to:

1. The average weight of a batch must meet or exceed the target (nominal) weight of the batch.
2. There must be no more than 1 in 40 / 2.5% of significantly underweight samples/weights (T1 samples).
3. There must be no extremely underweight samples at all (T2 samples).

In bakery mode, the first rule also acts as a trigger for remedial runs to be carried out.

Average weight checks can also be conducted using a checkweigher if preferred, ask us for more details about our In-Line Checkweigher.







## Hardware

Stevens terminals are installed at the relevant stages or zones of your production plant, with the required scale, peripherals and instruments.

The Stevens Vantage 2.1 is a heavy duty industrial touch screen terminal designed for harsh manufacturing environments.

The terminal can be configured in many ways to suit your requirements, whether you need a single or twin platform scale, the Vantage 2.1 can deliver.

### Your Benefits

- ✓ Easy Operation
- ✓ Reduce Product Giveaway
- ✓ Increase Product Consistency
- ✓ Maximise Productivity
- ✓ Efficient & Reliable Software



When paired with our powerful Dynamic traceability software, the Vantage 2.1 becomes the ultimate tool to handle stock, production, despatch, waste and much more. With a stainless steel construction and a vibrant 15 inch full colour display, the Vantage 2.1 terminal cuts no corners.

**When your business needs the best, choose Vantage 2.1**

## Modular Hardware

Options 4, 5, 6 can be retro-fitted on site, to enhance your system as your business grows.



### Option 1 - Bench Scale

The Vantage bench scale features a stainless steel frame and a bulk weighing scale. With a choice of column heights and base dimensions to suit your needs.

### Option 2 - Line Control

The line control station is built from stainless steel, with a hygienic design. A perfect setup for stock control.



### Option 3 - Mono Scale

The mono scale features a 500mm stainless steel bulk scale. With a hygienic design and different scale height configurations available.

### Option 4 - Twin Scale

The twin scale features two weighing platforms, a 500mm bulk scale and 300mm minor scale. With multiple scale height configurations, this is a versatile weighing station.



### Option 5 - Mono Scale *with Printer*

Our mono scale can also be configured to include a label printer. Providing you with easy, quick access to batch end labels and much more.

### Option 5 - Twin Scale *with Printer*

Our twin scale can be configured to include a label printer. Along with a 500mm bulk scale and a 300mm minor scale, both with multiple scale height options. Our twin scale station is our most versatile Vantage configuration.



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## Service & Maintenance

At Stevens, we view service and support as an essential part of our overall business portfolio and understand that any unwanted breakdowns have a direct impact on your profitability. We offer a range of comprehensive service packages that meet the varying needs of our customers. These packages are designed to assist in reducing plant downtime.

Our qualified engineers are strategically located throughout the UK and Ireland and carry extensive spares and diagnostic equipment to maximise our 'first-time fix on-site' strategy. All service calls are logged and analysed through our Autotask customer management support system. This keeps comprehensive data on every service call, monitoring and highlighting trends with individual installations. As well as a customer portal to log and track your calls, this means that when you call, whoever answers the phone has instant access to a full history of your installation and equipment.



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## Software Support & Development

### Software Support

Our highly skilled Software Support team can dial in and remotely fix, change and update your traceability system. With a rapid 2-hour response time, our support team keeps your System running smooth, minimising downtime.

### Software Development

Our in-house software development team regularly update the Stevens Traceability System. We also discuss and react to changes required frequently. Additional benefits of our own software team are the ability to produce bespoke software, tailored for the customer's needs.



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TRACEABILITY

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## About Stevens

As the UK's leading traceability company, we endeavour to maintain this position by continually developing and designing new and innovative software, hardware and service-related products to support many of the leading Food and Beverage, Animal Nutrition, Industrial and Cash Handling companies. To do this we work with our customers to ensure we are responsive and flexible to make changes to our products.

Stevens Traceability Systems has always been at the forefront of technology; from its early mechanical scales days to the latest Stevens Traceability modular software. The combination of our modular software and our range of custom weighing equipment ensures that ingredients and other products are weighed accurately and consistently without costly giveaway or out of specification batches for our customer.



As a Company, we pride ourselves on having a team of highly skilled people to support our customers from system start to finish and support them with a team of field-based engineers who cover the whole of UK and Ireland.



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## What our Customers Say



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### Morris Quality Bakers

“The Stevens Traceability System has been at Morris Quality Bakers for over 20 years and has been upgraded over the years to meet both industry requirements and those of our business. We handle over 12,000 orders a week and the Stevens Traceability System plays a huge part in ensuring we continually meet the customers’ expectations.”

Russel Green, Technical Manager, Morris Quality Bakers



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### British Premium Meats

“One of the major advantages of the Stevens Traceability system is just how user-friendly it is. Our staff are there to do a job and the easier we can make it for them to complete the tasks in hand, the happier the staff and the more productive they become. We have a diverse team made up of different nationalities and levels of IT know-how so training our staff needs to be quick and effective. With the Stevens Traceability system there are no issues whatsoever with training staff due to the large screens, simple interface and jargon-free instructions.

We’ve had a business relationship with Stevens Traceability for over 13 years and throughout this time the level of service has been first class. The team are extremely knowledgeable and work with us to ensure that the system grows as we grow, whilst adapting to changes in compliance criteria, technology and people.”

P. Jenkins, British Premium Meats



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### Maclean's Highland Bakery

“As an exporter we are audited annually by the BRC (British Retail Consortium) to BRC Food Technical Standards which is in place to evaluate manufacturers of food products and the suppliers they in turn use to provide the ingredients. We can’t export without passing the BRC audit as it’s seen as a pre-requisite for trading internationally. Without Stevens Traceability System we wouldn’t be exporting, and we certainly wouldn’t be supplying many of the brands we now work with. The system provides us with all the traceability information we need at the touch of a button, streamlining both the production and audit process.”

G. Shewan, Quality Systems Manager, Maclean's Highland Bakery

# STEVENS

## TRACEABILITY

Traceability | Productivity | Efficiency

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### // Stevens Traceability Systems

Company No: 10506149  
Reg No: GB 256 6427 83

### // Stevens Traceability Service

Company No: 10557206  
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