

# Tracesoft...

a highly configurable Total Quality Management solution



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*"Tracesoft was designed with flexibility in mind, to meet changing needs and to encompass manufacturing techniques and objectives such as OEE, Right First Time and Lean Manufacturing"*

## Bridging the Communication Gap

The Tracesoft system demonstrates how effectively actual operational data can be collected, evaluated and utilised to create a distinct commercial advantage.

Tracesoft is a truly unique system that ensures complete traceability and delivers highly effective quality management. From goods in, through production, to finished product and eventual delivery to the customer, Tracesoft covers the whole production cycle.

This invaluable management tool has been designed to make the collection and analysis of data from the factory floor, quick, simple and easy to assimilate. It enables immediate reaction to any identified problem or non-conformance.

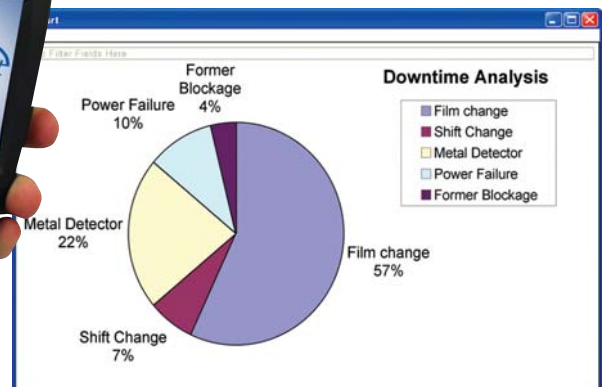
Tracesoft is a completely flexible and scalable system that delivers quality benefits to the modern workplace which are both proven and measurable.

## The Competitive Advantage

Tracesoft is a unique solution that offers complete traceability combined with a quality data collection and management system that has a proven record. Unlike many other systems, Tracesoft utilises the latest mobile wireless technologies to eliminate paperwork and transform Quality Management techniques to provide an exceptional level of operational control:

- Total traceability
- Immediate alert to out of spec. non-conformance
- Real Time monitoring of Critical Control Points
- Historical Analysis
- KPI reports

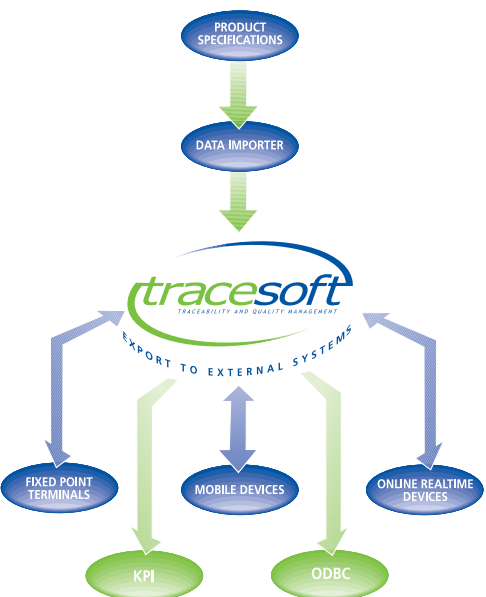
These features combine to provide integrity of process/traceability which prevents line downtime and quality failures, safeguarding against product recall. Tracesoft offers an unequalled opportunity to keep your product range ahead of the competition in terms of quality and consistency.







...providing an unparalleled degree of flexibility to meet your changing needs



### Achieving Operational Control

Tracesoft utilises a combination of the latest mobile technologies to reference centrally held product specifications. The system immediately alerts in real time, to potential product recall problems, promoting the 'right first time' culture thus protecting brand integrity.

- Operational Control is achieved through :
- Real-time monitoring of Critical Control Points
  - Immediate alert to out of spec non-conformances
  - Analysis/reduction in line downtime
  - Analysis/reduction in quality failures thereby safeguarding against product recall.

### Traceability

Tracesoft has been designed to make the collection and analysis of traceability data from the factory floor simple, yet powerful.

- The system offers :
- Virtually instant traceability.
  - Trace from raw materials to finished products.
  - Trace from finished products back to material suppliers.
  - Trace from any mid-point process in any direction.
  - Utilises barcodes and RFID tags for ease of use.
  - Virtually all manual data collection is eliminated.

### Quality Management

Tracesoft features a flexible and fully configurable quality system that provides real time quality management at all stages of the production process

- Goods intake.
- Recipe control.
- Production line setup.
- Operational QC line checks.
- Work in progress.
- Finished goods.
- Health & Safety paperwork.
- Despatch to customer.



Tracesoft Main Menu



Label/Weight Check



Non-conformance



# Tracesoft...

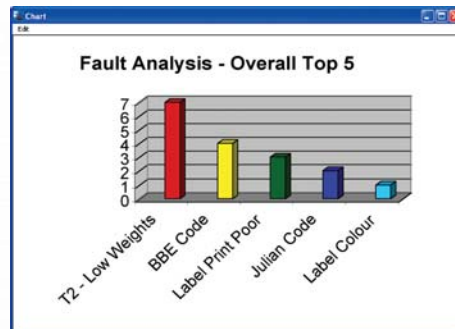
## management and reporting technologies simplified

*"Tracesoft is  
your complete  
Traceability  
and Quality  
Management  
solution"*

### KPI (Key Performance Indicator) Management Reports

Multiple filtering techniques provide quick and easy reporting and trending over time. This facilitates improved business intelligence which enables informed management decisions to ensure "tight" operational control on the quality of products.

- Retailer audit reports produced in minutes rather than days.
- Focus on production line problems.
- Identify specific quality issues over time.
- Non-conformance trend analysis.
- Downtime analysis
- Route cause analysis of process/product failures.
- Trend any product check over any production line.
- NPD (New Product Development) to benchmark processes and product behaviour.



### Scaleability

The Tracesoft platform is fully scalable – built on an architecture that operates equally well on a single mobile computer as it does fully deployed, factory wide. With functionality that facilitates controlled and manageable 'roll-out of applications, it provides the ability to 'grow' in-line with business needs.

### Real Time Data Capture

Tracesoft's unique technology allows you to deploy a combination of the latest mobile and fixed point technologies to provide real time data capture and transform Quality Management techniques:

- Eliminates paperwork from the factory floor.
- Immediate alert to out of spec non-conformances.
- Real-time monitoring of Critical Control Points.
- Utilises bar codes/RFID tags for efficiency of data collection.
- "Catch-up" software technology, ensures uninterrupted wireless operation.
- Wired or Wireless communication with other data collection devices (e.g. balances, temperature probes, metal detectors).

### Hardware Flexibility

Tracesoft has been especially designed to run on any Microsoft mobile operating system to provide our customers with complete flexibility in their choice of hardware. An equally flexible choice option is the Psion Teklogix Workabout Pro hand held computer. It is not only rugged, ergonomic and cost effective, but also operates efficiently on either a Win CE .Net or windows mobile (Pocket PC) platforms.



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