




TraceAssured
food chain traceability

A world class global tracking & tracing system which includes production and consumer information. Some of the key features are ease of use, graphical representation of the information and web hosting for global access.



INTRODUCTION

TraceAssured is an Internet based service for supply chain information exchange from source to shelf. It collects, stores and reports forward and backward traces, mass balances and quality data within and between supply chains. TraceAssured provides this information within and throughout the global food industry, in real time.

Trace Assured has been developed by experts in the food industry with the backing and support of some of Europe's leading manufactures, retailers and standards bodies.

Traceability information level, granularity and complexity can be individually modelled and maintained according to specific needs.

TraceAssured is compatible with the requirements of the new international traceability standard ISO22005.

Through TraceAssured, users can;

- Be assured, in real time, the traceability of all the components in the supply chain – from farm to fork
- Get immediate and controlled access to granular traceability and quality information
- Easily trace or track any component, starting at any point moving from start to finish.
- Convince buyers of full and open traceability through the chain.
- Reduce the cost of traceability.
- Assures trust and reliability in international markets.

The TraceAssured solution enables food supply organisations to build and strengthen trust through transparency and relevant information. It can add the

competitive edge, minimise risk and meet traceability standards, legislation and customer demands.

The subscription-based TraceAssured solution allows real time tracing and tracking with precision product recalls which maximises product availability and security and minimizes the risk to the producer and the buyer.

TraceAssured routes requests and responses for such information between accredited users of the platform.

Information can be accessed using any standard web browser, regardless of the differences found in various underlying back office, factory floor or ERP systems.

BENEFITS EXPERIENCED BY USERS

- Supply Chain Communications from Source to Shelf
- Reduction of risk exposure
- Rapid and accurate identification of the impact/scope of a problem
- Reduction of the consequences of claims
- Reduced premiums/extended coverage available on Products Liability and/or Recall Insurances
- Enhanced confidence in buyers, suppliers and sub-suppliers
- Reduction in prevention costs
- Increased possibility for a "surgical precision recall" – Brand Protection

FUNCTIONS AND FEATURES

Functionality and features of TraceAssured are described with a brief overview but also contain a more detailed description for the technical user.

Tracking

Our definition of Tracking is to Track the movement of products and/or materials between countries and plants/sites. Tracking is displayed using a graphical image of the world on which the product's path is plotted from factory/site to its final destination whether it be domestic or international

Tracing

Tracing is to record the transfer of products and/or materials from one container to another within a plant/site.

Tracing is displayed using a graphical layout of the plant/site showing the locations (In-Take, Preparation Area, Mixing Area, Dry Goods Store, Cold Stores, Packaging etc.) including containers (tumbler, Mixer, Oven, Production Line etc.).

Backward Tracing

With Backward Traceability we are able to investigate the production path of a product and all the raw materials used in manufacturing. The materials used can then also be traced to their respective origins.

Forward Tracing

With Forward Tracing we are able to show the path of a product from a specific container all the way through the plant/site from one container to another, including the final product delivered to the retailer and onwards. This enables precise product recalls to be carried out in a very short and effective time period as an example of one of the many benefits.

PRODUCTION INFORMATION

Inventory

Inventory is a list for goods and materials, or those goods and materials themselves, held available in stock by a business. Inventories are kept in order to manage and prevent the client from realizing the fact that manufacture/supply delay is longer than delivery delay. It is also used to decrease the overall effect that imperfections in the manufacturing process has, in terms of lowering production efficiencies when the production capacity stands idle because of lack of materials.

TraceAssured can provide inventory per location, depending on the quality and granularity captured.

Yields

Good yield management maximizes (or at least significantly increases) revenue production per unit, for the same number of units. This is done by taking advantage of the forecast of high/low demand periods, effectively shifting the yield between high demand and low demand periods.

TraceAssured provide the yields per container depending on the granularity of data captured per container. The information is stored in the background at every data capture point and presented in various formats and reports as additional information only i.e. this is not a yield management system.

Graphical Display

TraceAssured presents the information on a graphical layout/floor plan of the plant showing each location, including their fixed and movable containers. Traces of the product and material flows are done as they move from one container to another, including an on screen representation of their movements to and from a location within the same container.