

Batch traceability

EVERYBODY WANTS IT – BATCH TRACEABILITY SHALL RESTORE CONFIDENCE IN FOOD QUALITY FOR FOOD RETAIL AND CONSUMERS ALIKE

PART 4

Part 1 was dealing with the complete synchronization of flow of material and flow of information, part 2 went into details. Part 3 took a closer look into the delivery of baked goods while Part 4 now deals with batch traceability.

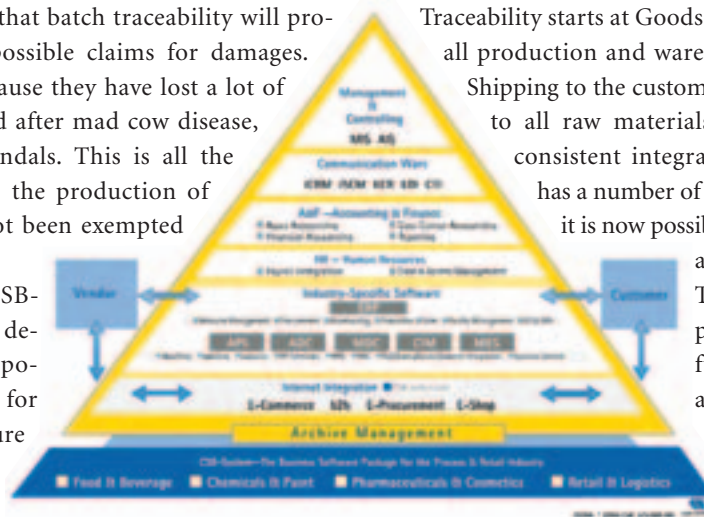
+ Food retailers hope that batch traceability will protect them against possible claims for damages.

Consumers demand it because they have lost a lot of trust in the quality of food after mad cow disease, salmonellae, and feed scandals. This is all the more true with respect to the production of organic food which has not been exempted from these scandals.

Since its foundation, CSB-SYSTEM has focused on developing an integrated corporate management system for the food industry (see figure 1: CSB-System pyramid).

An integrated and holistic approach means

for example in the bread and baked goods industry the integration of all processes from incoming raw materials (Goods Receiving) to production and storage to internal and external logistics. Naturally, this also includes the integration of weighing and labelling systems, mobile data collection systems (portable data collection terminals, scanners, etc.) as well as the set-up of technical controls (process control systems/silo systems, high-rise warehouses, transport systems, etc.).



++ figure 1 CSB-System pyramid

Traceability starts at Goods Receiving and continues through all production and warehouse processes to Goods Issue/Shipping to the customer (delivery address). This applies to all raw materials on all production levels. The consistent integration of all existing EDP islands has a number of different advantages. For example, it is now possible to automatically trace all breads and baked goods produced.

Thanks to the consistent approach applied, the bakery gets a fully integrated solution without additional islands. All quality data, batch and lot information are linked to material management bookings in an integrated platform with-

out any data exchange between EDP platforms or different software packages. The advantages of this approach are clear:

- + easy maintenance
- + identical user interface
- + no data redundancies
- + easier to master
- + less implementation effort
- + person-independent +++

++ Author

Martin Miller, food and biotechnologist, CSB Systems AG, Geilenkirchen, Germany.

++ screenshots

