





FOOD & BEVERAGE | CHEMICALS & LIFE SCIENCES

 What challenges do these industries share? 





HEAVY TRACEABILITY REQUIREMENTS

Why traceability is so important

FOOD & BEVERAGE

-  Bioterrorism threats
-  Recalls
-  Plant processing errors
-  Demand for environmentally sound sources and processes

CHEMICALS & LIFE SCIENCES

-  Counterfeit products
-  Increasing regulatory requirements
-  Parallel trading
-  Possible re-entry of waste product into the supply chain

DID YOU KNOW?

\$10 MILLION

Average cost of a recall, in addition to brand damage and lost sales¹

22%

Potential decline in stock valuation within two weeks of recall¹

RACKETEERING

Charges brought against executives accused of selling tainted drugs that led to a meningitis outbreak²

How technology can improve traceability

IMPROVE SUPPLIER COLLABORATION



- Integrate lot-specific supplier data and material disclosure to quickly find most suitable suppliers
- Ensure suppliers can do forward and backward lot tracing, and link lot numbers with recalled ingredients

TRACK & RECORD PRODUCT MOVEMENT



- Use tools such as lot codes, bar codes, and RFID
- Gain total lot-tracking capability, including raw materials used per batch, plus location of finished products

INTEGRATE TRACEABILITY SEAMLESSLY INTO EXISTING OPERATION



- Incorporate quality assurance from shipment notices through inventory, production, shipping, and logistics
- Execute product recalls quickly and precisely — eliminate time-consuming manual trace-backs that result in recalling more products than needed

PROVIDE ALERTS



- Notify key personnel across the supply chain when an incident occurs
- Prevent further sales of the affected product

DID YOU KNOW?

Asset management plays a critical role in traceability



Auditability of Good Manufacturing Practices (GMP)



Reduction of costs, downtime, and reaction time to failure



Support of employee and equipment health and safety protocols

Learn more. Contact Infor at **800-260-2640** or **eam@infor.com**

¹ Food Marketing Institute (FMI), the Grocery Manufacturers Association (GMA), GS1 US, and Deloitte; Recall Execution Effectiveness: Collaborative Approaches to Improving Consumer Safety and Confidence; 2010

² <http://www.bostonglobe.com/metro/2014/12/18/says-necc-execs-ran-crime-ring/2QkUqBjyFACeqRZTRicoWN/>