

# OSTENDO

One system • Complete operations

## Inventory Traceability

### Features & Capabilities Paper

*Traceability answers the critical questions: Where did this product come from? Where did it go? Who received items from this batch? Ostendo's comprehensive tracking capabilities support regulatory compliance, quality investigations, and customer confidence across industries where traceability matters.*

### Tracking Methods

Ostendo supports multiple tracking methods that can be used individually or in combination. Serial Number tracking requires a unique identifier for each unit—one serial number per quantity of one. This provides the highest level of traceability for individual items.

Batch Number tracking associates multiple quantities with a single batch identifier. Unlike serial numbers, many units can share the same batch. Expiry Date tracking works similarly, grouping quantities by their expiration date—typically used alongside batch tracking for perishable goods.

**Revision Tracking** distinguishes versions of the same item—common in software and electronics industries. Colour, Grade, and Size tracking support industries like apparel and building materials where products vary by these attributes.

Items can have combinations of characteristics. A product might be both Batch and Expiry tracked, or tracked by Serial Number and Revision. This flexibility matches the tracking approach to actual business requirements.

### Batch Management

The comprehensive Item Batch screen provides complete visibility into batch information: Batch Number, Description, Status (Approved, On Hold, QC Required, Rejected), Origination Source, Date of Manufacture, Expiry Date, and current inventory on hand for that batch.

Origination Source records how the batch was created—whether Manufactured internally, Purchased from a supplier, or other sources. The source document reference links back to the original transaction. Supplier Batch Numbers can be recorded when they differ from your internal batch numbering.

**Batch Status Control** manages the lifecycle of batches. A Status Change Log records when and who amended batch status—essential for quality management audit trails.

General Properties can be defined against batches for additional attribute tracking. Market Codes restrict batch supply to certain Customer Markets, controlling which customers can receive specific batches.

## Query & Investigation

Traceability enables both forward and backward tracking. Forward tracing answers 'Where did products from Batch X go?'—identifying all customers who received items from a specific batch. This is essential for recall management.

Backward tracing answers 'What batches went into this finished product?'—tracking component origins through manufacturing processes. This supports quality investigations when issues are discovered in finished goods.

**Full Transaction History** with drill-down capability traces every movement affecting tracked items. From receipt through manufacturing, storage, and sale—the complete chain of custody is recorded.

Container Tracking with Virtual Containers extends traceability through manufacturing. Tracked components can be recorded into virtual containers for each manufactured item, maintaining the link between inputs and outputs.

## Industry Applications

Food and beverage industries use batch and expiry tracking for safety compliance and recall management. Pharmaceutical and medical device companies require lot tracking for regulatory compliance. Electronics manufacturers track by serial and revision for warranty and quality purposes.

Building materials suppliers track by grade and batch. Apparel retailers track by colour and size. Chemical distributors track by batch with hazard information. Each industry applies the relevant tracking dimensions.

**Configurable per Item** tracking means different products can use different tracking methods. High-value items might use serial tracking while commodities use batch tracking—within the same system.



### **Ready to implement complete traceability?**

Contact your local Ostendo Consultant to discuss how these capabilities can be configured for your specific business requirements.

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