



Photographic Product Industry

Microsoft® Business Solutions-Navision® helped Photographic Manufacturers to keep track raw materials that has a short shelf live.

Situation

Industry description:

Photographic and electronics products manufacturing - optical products include Single Use and Reloadable Cameras

Objective:

The materials use to assemble these products include films and batteries which have a limited shelf live. The quality and effectiveness of these materials deteriorates when they past their shelf life. Ineffective management of these materials may lead to these materials setting in their shelf longer then they should, and eventually affects the quality of their finished products. To maintain the highest quality of finished products, all expired raw material will be scarped.

The main objective was to automate the planning and tracking of material and production with an integrated ERP solution. The secondary objective was to increase tracking of raw material and their expiry day to eliminate the scarping of materials due to material expiration.

Solution Highlight:

Implementation of Microsoft Business Navision in the following functional areas:

- Finance (General Ledger and sub-ledgers)
- Trading (Sales and Purchase)
- Inventory (Warehouse Management with Item Tracking)
- Manufacturing (MRP and Production Order Processing)

Material Requisition Plan is implemented to help our customer to plan their production and purchase of materials according to Production Forecast and demand from Sales Order.

To keep track of raw material and their expiry date,

Item Tracking is deployed through out the Navision implementation. Short shelf life materials are being set to have their Item Tracking turned on. When these materials are being receive, Navision user must provide their Lot Number and Expiry Date to precede. The transfer and consumption of these materials are also being tracked by Navision. User will have up to the minute information of each Lot and their Expiry date of these materials. It facilitates our customer to locate and consume the raw materials according to their Expiry date.

Benefits:

Reduce Material and Production Planning Effort and Time

Navision's MRP functionality gathers demand (Sales and Forecast) and supply (Inventory and Purchases) information from Navision Functional areas. Result will then be calculated by Navision to suggest user to create production and purchase order on appropriate dates according to the production and purchase lead time.

Reduce Inventory Cost

Materials are purchased according to demand and consumed quantity according to expiry date. The cost of material and holding of material is reduced.

Accurate Stock Management

Users know exactly which Lots are located in which inventory location, warehouse staff will not waste time searching for materials and go directly to the location where the material is located.

Purchase Order (with Item Tracking)

The screenshot displays a 'Purchase Order' form in the Navision system. The main form includes fields for '编号' (106025), '过帐日期' (06/23/05), '采购自 供应商代码' (10000), '采购自 联系人号码' (CT000066), '采购自 供应商名称' (London Postmaster), '采购自 地址' (10 North Lake Avenue), '采购自 地址 2' (GE-N12 SVY), '采购自 城市' (London), '采购自 联系人' (Mrs. Carol Philips), and '扫描版本数' (0). A table below shows item details for 'Alpha R135 x 36' with columns for '类. 编号', '检查类型', and '说明'. An overlaid window titled 'B0001 Computer III 533 MHz - 物料追踪行' shows tracking data for two lots: LOT100 (expiry 06/12/06, quantity 45) and LOT101 (expiry 07/01/06, quantity 55). The tracking window also shows columns for '数量', '物料追踪', and '未定义'.