



Stock

**NAVISION XAL®**

- The Stock Module is used to manage the stock record and item movements.

## Stock Module

### Items and Bills of Material

A number of values affecting the way in which individual stock items are allocated, can be specified in the stock item base record. The following can be defined:

- Whether negative stock is permitted
- How often, and when, stock items are allocated
- Whether allocation should apply to the entire stock or to individual lines only
- Whether allocation should cover a freely-selectable period
- Whether allocations should be effected according to minimum/maximum stock
- Whether allocations are to be effected manually
- Whether serial numbers are required for stock items
- How the automatic generation of batch/serial numbers should be effected in this case

Stock item descriptions can be created in any language. The user can specify suppliers and delivery times, as well as the name of the employee who will be allocating the stock item. Stock item numbers are used for stock items, services, and bills of material.

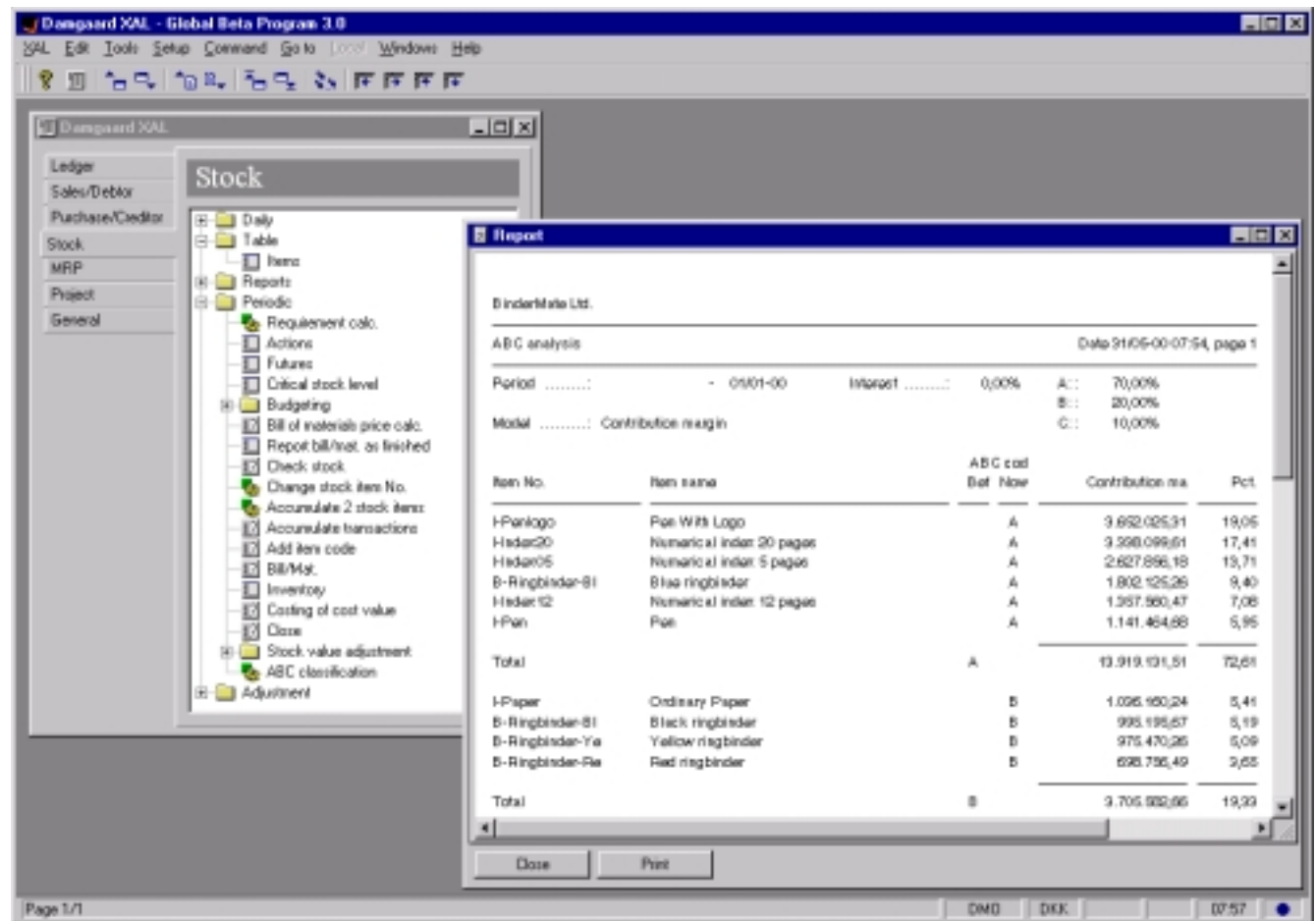
Bills of material can contain various specifications. Variants, which have a common bill of material, contain stock items with different stock item numbers. The (base) bills of material can be updated using a single keystroke. The user also can choose to simulate cost prices using bill of material calculations.

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ABC classification of stock items. In this example items are classified on the basis of contribution margin.

## Replacement

The Stock module has a function for replacing bills of material. With this function the user can, for instance, replace an obsolete stock item number with a current one in all bills of material with just a single action.

## Budget

Stock budgets can be prepared for each item number and for each customer group, and the results transferred to the Ledger budget.

## Parameters

The Stock Module to a great extent is parameter-controlled, which means that the user can adapt the standard module to obtain the functionality best suited to their requirements.

## Stock Locations

Inventory levels can be allocated and settled at any number of locations. For every stock location, the stock level is divided into stock on order and actual stock available.

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## Stock Levels

Inventory levels are managed on the basis of item transactions. Item transactions have three date fields: date of expected movement, date of actual movement, and date of financial movement. This guarantees consistency when picking from stock.

## Stock Requirement Calculation

The stock requirement calculation function produces the optimum stock item flow on the basis of the allocation rules set up for the individual items, as well as the delivery and supply situation for the total time period in question. The stock requirement calculation allows the user to make action settings and future settings.

## Action Settings

An action setting is used to determine the activities/events that ideally can be executed for the current volume of orders/purchases. For example, if a sales order is deferred for later delivery, the action setting ensures that purchases and production are also deferred in order to minimize stock in trade. Other actions, for instance, may cause existing orders to be accelerated or increased rather than having to create new ones.

## Future Settings

A future setting calculates the effects of materials not being available in time. Delays are transferred to production and sales orders, where they create a basis for deciding between an alternative supplier or the planning of production in the MRP Module.

## Classification of Items

Navision XAL contains a procedure to categorize all items in stock based on one of four models: Stock Tie (categorization on basis of calculated stock binding cost), Turnover, Stock Value or Contribution Margin. Items are categorized into A, B and C categories.

## *Report as Finished*

Bills of material can be finished without production orders. When the bills of material are reported as finished, the quantity and value of the raw materials' stock are reduced accordingly, while the stock of finished stock items is increased.

## Picking from Stock

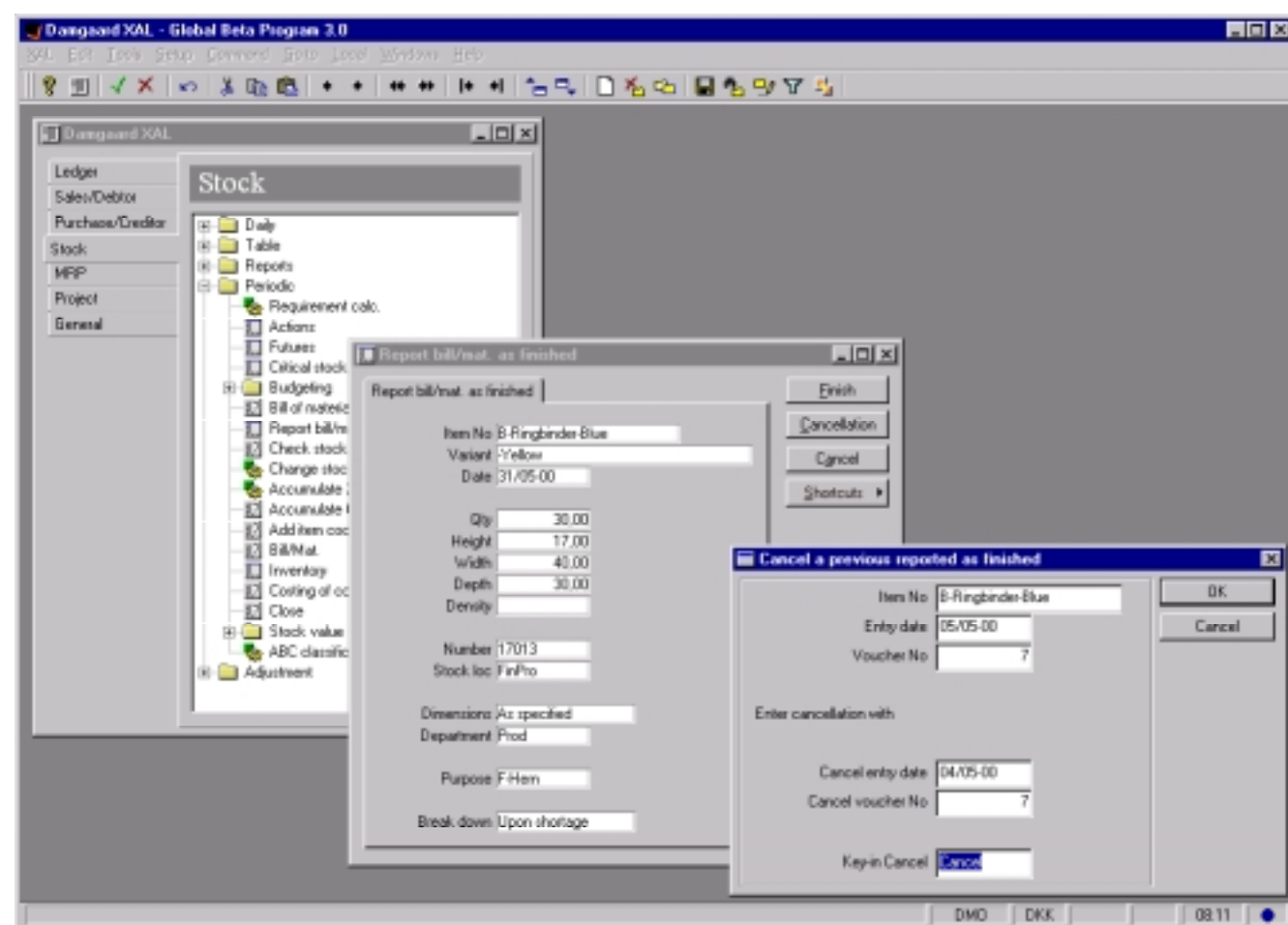
The picking function is located in a special picking worksheet. This worksheet automatically calculates any discrepancies between the actual stock level and the stock level stored in the Inventory Module.

## Actual Cost Price

If inventory items with unknown cost prices are sold or otherwise used, it is possible subsequently to calculate the cost value and the contribution margin for invoices and production. This recalculation may be done according to the FIFO, LIFO or average cost price methods.



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Reporting bills of materials as finished.

## Stock Value Adjustment

Stock value adjustments can be made for both stock levels and transactions (including 'sold' stock items).

## Dynamic Statistics

Statistics (stock item statistics, purchase statistics and purchase order statistics) are generated in dynamic screen displays. The user specifies the delimitation values at the time of calculating the statistics. These statistics are then shown in two columns for two freely selectable periods. A third column can be used to display a number of optional calculations based on the data from the first two columns.

Statistics also can be generated and displayed as the result of a periodic batch job whose contents have been defined by the user. These types of statistics are immediately accessible, but their relevance depends on how often the statistics are updated. Data can be represented graphically as well as exported.

## Stock Receipts

Upon receiving items to the stock, these can be stamped with a batch number. This enables you to track items whether they are purchased, received or ordered.

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## Stock Models

You can work with different stock models – FIFO, LIFO and average cost. Your choice will influence how cost value is calculated. You also can select 'optional' to be free to select when calculating cost value.

### *Batch/Serial Number*

When a purchase order is updated, a serial or batch number can be specified - either manually or you can have the system generate it automatically. The format and the start number can be defined individually in the stock item.

## Reporting

Following is a selection of reports available in the Stock Module:

- Labels
- Supplier lists
- Stock account statements
- Budgets
- Statistics
- Price lists (including customer-specific price lists)
- Stock level lists
- Stock value lists
- Ledger reconciliation lists
- Supply capacity lists
- Services
- Negative stock levels
- Four allocation methods
- Alternative stock item numbers
- Bills of material/stock items/services
- Bills of material variants
- Flexible requirement of open transaction marks
- Any number of stock locations
- Allocation by stock location
- Serial number and batch number control
- Stock reconciliation by date
- Stock requirement calculation
- Action setting
- Future setting
- Replacement of bills of material
- Stock budget
- Bills of material reported-as-finished
- Picking (stock level)
- Recalculation of cost prices
- Stock value adjustments
- Dynamic statistics
- Predefined statistics

## List of Functions

- Individual prices
- Discounts
- Net stock requirement calculation
- Picking worksheet
- Open transaction
- Allocation by physical stock

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## Navision XAL – An Integrated Business

### Solution

All modules of Navision XAL are tightly integrated, and work together to form the heartbeat of your company.

The Stock Module is central to Navision XAL. Like the Ledger Module, the Stock Module can be used on its own, but many features only become relevant when it is used in combination with other modules. The module is integrated with the Ledger Module (through the accounting of item movements), the Purchase Module, the Sales Order Module, the MRP Module (Materials and Resource Planning) and the Project Module.

Functionality described in this fact sheet is contained in the following modules:

- Stock
- Extended stock
- Requirement calculation

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For more information on Navision XAL integrated business solution, please also see the other brochures.

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