



Matrix Inventory

Manage Inventory Product Families

 **Acumatica**
THE CLOUD ERP



Business Solutions for Maximum Performance



Matrix Inventory Management

Matrix Inventory works for a wide variety of product families and attributes such as size/color/style pattern/color/width, etc.



EASY SETUP

Supports any product attribute scenario including: **size, color, style**. Create and maintain inventory **product families** easily and consistency with the **matrix** inventory creation window..



EASY TO USE

Entering matrix quantities in sales order and purchase order module is easy using the **Matrix** entry form order module. Entering many line items becomes **fast, quick and simple**.

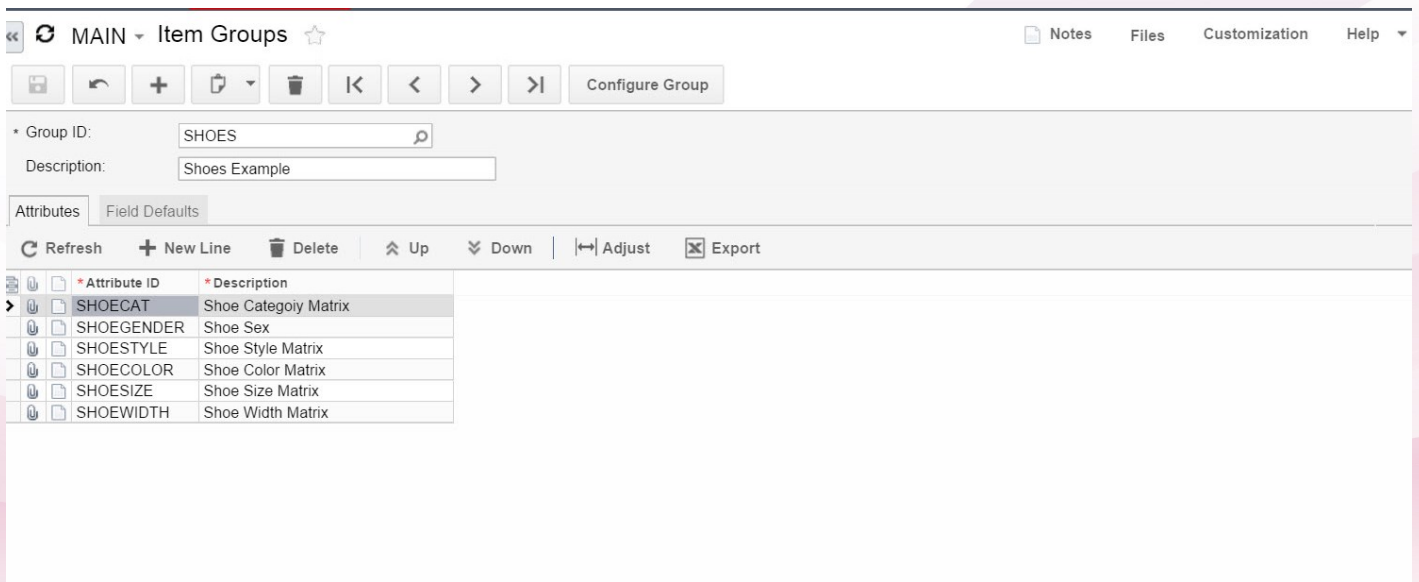
Inventory Matrix Management

Realize significant time savings by automating the inventory entry process and leverage your investment in Acumatica with MaxQ's Matrix Inventory Management module. Regardless of the type of product or industry this module supports the flexibility of handling an unlimited number of user defined characteristics and works for a wide variety of product attribute types such as size/color/style and waist/length for apparel, size/width for shoes, or pattern/color for flooring.

The greater number of attributes, the more challenging and time consuming it is to create and maintain these items using manual entry. The Matrix Inventory module facilitates the definition, creation, and maintenance of matrix groups and their associated items. It provides mass creation and update capabilities with all or selected variations of product attributes. Items can be created with user defined, or system generated inventory IDs, and intelligent item descriptions constructed from attribute definitions and values.

DEFINE PRODUCT FAMILIES

Easy to setup product families, supports any number of product attributes. Inventory items can be created with user defined, or system generated inventory IDs, and intelligent item descriptions constantly constructed from attribute definitions and values.



The screenshot displays the 'Item Groups' application window. At the top, the title bar reads 'MAIN - Item Groups' with a search icon. The main area shows the configuration for a group with ID 'SHOES' and description 'Shoes Example'. Below this, there are two tabs: 'Attributes' (selected) and 'Field Defaults'. The 'Attributes' tab contains a table with the following data:

* Attribute ID	* Description
SHOECAT	Shoe Category Matrix
SHOEGENDER	Shoe Sex
SHOESTYLE	Shoe Style Matrix
SHOECOLOR	Shoe Color Matrix
SHOESIZE	Shoe Size Matrix
SHOEWIDTH	Shoe Width Matrix

The interface also includes a toolbar with icons for Refresh, New Line, Delete, Up, Down, Adjust, and Export. A 'Configure Group' button is located at the top right of the main area.

QUICK ORDER ENTRY

Enter quantities in Sales Order and Purchase Order Modules using the fast inventory matrix form.

The screenshot displays the 'Matrix Inventory' window within a software application. The window is titled 'Matrix Inventory' and contains several input fields and a data table.

Input Fields:

- Group ID: SHIRTS - Shirt Matrix
- Row Attribute ID: COLORM - Color Matrix
- Column Attribute ID: SIZEMS - Sizes Matrix Shirts

Table:

Color Matrix	Small	Medium	Large	X Large	XXL	XXXL
Black	5.00	10.00	20.00	20.00	5.00	2.00
Green	0.00	10.00	20.00	15.00	5.00	
Red	5.00	0.00	0.00	0.00	5.00	

Inventory List (Left Panel):

Branch	Inventory ID	Free Item	Warehouse	UOM
MAIN	TEE-T-B-S		RETAIL	PC
MAIN	TEE-T-B-M		RETAIL	PC
MAIN	TEE-T-B-L		RETAIL	PC
MAIN	TEE-T-B-XL		RETAIL	PC
MAIN	TEE-T-B-X		RETAIL	PC
MAIN	TEE-T-B-X		RETAIL	PC
MAIN	TEE-T-G-M		RETAIL	PC
MAIN	TEE-T-G-L		RETAIL	PC
MAIN	TEE-T-G-XL		RETAIL	PC
MAIN	TEE-T-G-X		RETAIL	PC

FEATURES & FUNCTIONALITY

- Supports an unlimited number of item groups and attributes (up to 50)
- Inserts attribute elements as needed for additional product variation support
- Flexibility to choose combinations of attribute values in the creation of inventory items
- Auto populates/updates Acumatica's inventory fields with default and/or specified data for product class, product line, list price, base price, etc. for all or selected matrix items
- Ability to handle the use of attributes with more than one matrix
- Supports Acumatica's Inventory Lookup by Attribute by automatically populating inventory item Physical Attributes with attribute values
- Matrix entry screens added to Inventory Items, Sales Orders, Shipping Confirmation, Purchase Orders, and Purchase Order Receipt/Vouchers for multiple quantity entries
- Matrix Inventory Inquiry display of all items in a matrix group for inventory quantity viewing
- Creates inventory items with intelligent IDs by combining attribute values, group description, and constants/delimiters or use of system generated sequences
- Combines attribute captions, attribute values, group description, attribute reference fields, and constants/delimiters when generating inventory item descriptions