

## Inventory Families and Groupings

SYSPRO's Inventory Families and Groupings solution provides the tools to arrange 'collections' of stock keeping units (SKUs) into families and groupings of similar items. These collections provide a high-level view of items at which sales forecasts can be produced and the quality of the forecast measured. A significant feature is the ability to group warehouses for purposes of forecasting at a regional or territory level for logistical or supply chain purposes. This also enables forecasts to be generated at a brand level to facilitate a clearer marketing picture.

### The Value of Inventory Families and Groupings

- ▶ Establish families or groupings of SKUs using the unique collections capability with hierarchical structures for Brand or Product Type views
- ▶ Consolidate SKUs with different pack sizes using an alternate common unit of measure
- ▶ Forecast at regional or territory level by consolidating warehouses for logistical or Supply Chain purposes
- ▶ Aggregate sales history of the collection members to enable a forecast at collection level and then disaggregate collection forecast back to SKU level
- ▶ Facility to edit history at collection level
- ▶ Variety of forecasting algorithms including a competition method which automatically selects the best algorithm for the collection
- ▶ Forecast using sales value, cost value, quantity or gross profit as the basis
- ▶ Set default algorithms at company or collection level
- ▶ Detect seasonality and apply forecasts to seasonal data with trending if present
- ▶ Manually or automatically remove outliers and anomalies
- ▶ Use SKU history of three or more years
- ▶ Utilize monthly or weekly time buckets
- ▶ Determine forecast horizon up to 24 months
- ▶ Improve visibility with graphical output
- ▶ Edit suggested forecast to reflect market intelligence

### Matching Inventory Families and Groupings to your business

- ▶ Very powerful Pareto (ABC) Analysis provides ranking of the items within each collection
- ▶ Generate and review forecasts at various levels in the family hierarchy (grandfather, father, child)
- ▶ Multi-level analysis of family performance over time
- ▶ Analyze sales value, gross profit, cost of sales, quantity sold or hits (invoice line occurrences) using very functional Pareto capability
- ▶ Automatically update collection history in real time
- ▶ Compare manual forecast with computer recommended forecast
- ▶ Control and validate the forecast before activating

### Integration

- ▶ Integrates with the following modules:
  - ▶ Inventory
  - ▶ Inventory Forecasting
  - ▶ Sales Orders
  - ▶ Requirements Planning
  - ▶ Audit trails and reporting
- ▶ Comprehensive audit trail of collection changes (add, change and delete audit)
- ▶ Comparative reports and on-line queries
- ▶ Pareto Analysis by sales value, cost value, quantity, profit value or profit %

