Procession

by Provenio Technology
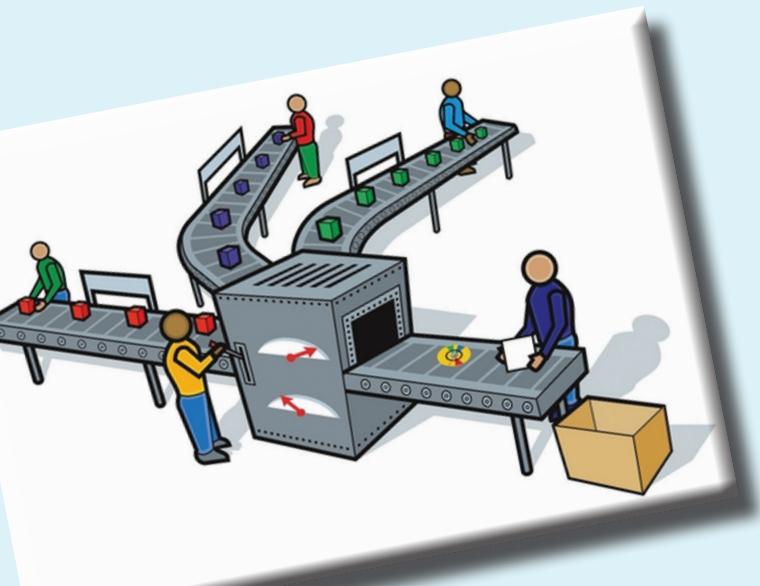
Procession
Formulation For Sage X3

Research and Development

As a process manufacturer, you depend on your Research and Development team to improve your product lines constantly and also to find ways to lower formula costs. R&D is not a one-time event and your team requires tools to track and compare their research and results through each revision. R&D formulas need to be managed in a "sandbox" where access is controlled and limited to approved lab employees. Formula changes must logged and easily reported and reviewed.
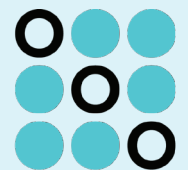
Before creating a new formula, your R&D team needs tools that allow them to search through existing formulas to determine if an existing formula meets the required specifications. If the new formula is a pre-sales activity, then the formula needs to be linked to a sales opportunity and the pre-sales activity needs to be tracked.

Your formula data is a driver for your entire production process. This data feeds information to many other departments such as Quality Control, Inventory Management, Production, Sales and Regulatory Control. Since formulation is integrated with many departments, it must be an embedded part of your ERP system so that data can easily flow from one department to another. The ease of data flow when using an embedded solution, such as Procession, reduces the data entry burden and eliminates the redundant data entry that is often required when maintaining external systems.

The Procession Formulation module gives your R&D team the tools they need to manage their R&D data effectively..

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Superior Functionality

From the ground-up, Procession Formulation provides the functionality that you need. Users can create true R&D formulas, without requiring setup of product or production records. Procession Formulation allows both inventory and theoretical components. Users can easily resize or convert formulas to any unit of measure.

When formulas are ready for production, they are published to create products, production bills of material and quality control test sheets. Users can link products to their formula version and can publish future formula changes in order to update existing products.

If the formula is part of a pre-sale activity, users can link the formula to a sales project from the Sage X3 Customer Relation module. The sales project can track all pre-sales activity.

Procession Formulation Features Include:

- Formula Costing
- Yield Variances and Scrap %
- Simultaneous multiple formula comparisons
- Automatic Property Calculations
  – Examples: VOC, % Solids, Nutrition content
- Formula Specifications
- Lab Results and Notes
- Security – Control formula access at the macro or micro levels.
- UOM Conversions
- Resize formulas

- Publish Formulas to Create Products
- Publish to create or update QC Specifications
- Publish to create or Update Production BOMs
- Searchable Properties and Specifications using Sage X3 query tools
- Change Logs – Audit any changes to the formula
- Access from any device, including mobile devices

Ease of Use and Maximum Flexibility

Our team of process manufacturing professionals and chemists designed Procession exclusively for Sage X3. The toolset and development mythology used in creating Procession are the same ones used by Sage. Because Procession is part of your Sage X3 system, it shares the Sage X3 interface. This use of a common interface simplifies user training and user adoption of the product.

Procession includes formulation reports and more can be easily added using Crystal Reports® or the native Sage X3 query tools. Procession data is stored in the same database as your Sage X3 data, which simplifies data access and maintenance. Data flows automatically between Sage X3 and Procession, from pre-sales to manufacturing, in an intuitive manner and without the need for integration links.

If your company has unique needs, Procession is highly customizable. This is possible because Procession shares the Sage X3 customization engine, which allow screens and reports to be easily customized on either screens or with source code.

Ease of use, maximum flexibility and its complete functionally are reasons why Procession is THE Formulation solution for Sage X3.

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