

Rootstock Software®

# Rootstock-Arena Integration



*Rootstock Software® provides the breadth and depth of solutions that today's discrete manufacturers need to operate and grow their business. Whether a small operation with five users, or a large organization with many sites and hundreds of users, Rootstock offers a solution for all sizes and types of discrete manufacturers and supports the manufacturing system requirements of Build to Order, Build to Stock and even Engineer to Order Manufacturers – whether standard or actual cost in both a single and multi plant environment.*

**The Rootstock-Arena Integration** automates the process of transferring current product configuration data from Arena to Rootstock, avoiding manual entry errors and ensuring that manufacturing configuration data is always up to date and fully synchronized. This shared data, including Items, Item Revisions, Bill of Materials (BOMs), and Engineering Changes, is received and used by Rootstock to perform up to date manufacturing planning and shop floor operations.

Rootstock and Arena work together to provide a flexible solution for manufacturers that are faced with constantly changing products with ever shortening product life cycles. Together, they deliver up to date product configuration information resulting in improved visibility and more efficient

manufacturing operations. This joint Software as a Solution (SaaS) offering provides mid-market manufacturers with shorter implementations, lower costs, and quick return on investment. Requiring dramatically less resources, Arena and Rootstock allow you to recoup your investment quickly while delivering a robust manufacturing solution that enables you to be more responsive to changing customer needs.

## *Shared Product Information*

The Rootstock-Arena integration synchronizes the latest product configuration data ensuring efficient and accurate production planning and operations. This shared data includes:

- *Item* – For each Item, critical information is maintained including item name, number, description, commodity code, part status and part type. Rootstock supports manufactured, purchased and subcontracted sourced items.
- *Bill of Materials* – Each Bill of Materials includes standard yet critical information on all the components and materials that are needed to produce an item. Changes to the Bill of Materials may include changes to components, materials, quantities, and effectivity dates. This required information such as the quantity per

assembly and Add & Delete effectivity data, is maintained for each component of the BOM.

- *Item Revisions* – Revisions to an Item such as changes to components, quantities and Bill of Materials structures can be maintained and referenced to the appropriate BOM.
- *Engineering Changes* – Engineering Changes are maintained within Arena and are shared with Rootstock when approved and released to production. Component and operation changes can be tracked, approved, and logged via the Engineering Change Order history database within Rootstock.

### *How the Integration Works*

The Rootstock-Arena integration is triggered when product related information such as Items, Item Revisions and Bills of Materials are changed via an approved Engineering Change Order (ECO) within Arena. The Rootstock adapter receives the changes, processes them, and takes the product data to create the Rootstock engineering item master, inventory item master, and other detailed product records.

The Arena revision information is used to create Rootstock engineering item revision records. The engineering change information is also used to create the Rootstock ECO master and detail records. The Rootstock adapter then logs any exceptions. The system administrator is notified of any changes or exceptions, such as revisions of more than 6 characters, unrecognized division or commodity codes, or invalid change numbers.

### *About Arena Solutions*

Arena Solutions enables small and mid-size manufacturers to deliver quality products to market on time and on budget. Arena provides a collaborative environment for centralizing, controlling and analyzing complex and constantly changing product information, including bills of materials, part specifications and change orders. To learn more please visit <http://www.arenasolutions.com>.

### *About Rootstock Software®*

Rootstock Software® is the leading Software as a Service (SaaS) provider of manufacturing enterprise software serving discrete manufacturers in the mid-market. Rootstock Software® was launched in 2008 in response to the growing need for a SaaS solution for mid-market manufacturers to cut costs, improve processes, and drive revenues. Rootstock is a premier partner with NetSuite Inc, a leading vendor of on-demand, integrated business management software suites for the mid-market enterprise and divisions of large companies. Rootstock and NetSuite deliver these critical manufacturing capabilities to the underserved mid-market with minimal IT infrastructure investment. For more information, please visit <http://www.rootstocksoftware.com>.