

DESIGN

ENOVIA Apparel Accelerator for Design and Development



ENOVIA® Apparel Accelerator™ for Design and Development provides a single environment to manage an Apparel company's product, project, color, material, line plan, and vendor data. It executes development tasks across all functional teams to track seasonal line planning calendars, approvals and responsibilities. Companies using the ENOVIA Apparel Accelerator for Design and Development can react quickly to shifts in seasonal requirements, industry trends, and consumer tendencies by leveraging robust and flexible workflow and planning templates visible to all product/project team members.

Key Benefits

- Reduce and eliminate costly inefficiencies caused by managing product development information and processes via documents, spreadsheets, emails and other inconsistent and fragmented communication forms.
- Replace multiple and disconnected systems and isolated documents used to manage product, project, color, material, line plans, vendor and sourcing with a single, global, product lifecycle management system.
- Incorporate the expertise and knowledge in your supply chain early in the product development processes so that sourcing agents, vendors, design partners and mills can positively impact decisions and performance related to manufacturing, material trends, cost, and quality decisions.
- Effectively allocate and manage resources across all functional teams by tracking seasonal line planning calendars, approvals and responsibilities in a single system that is integrated with all other aspects of product development.

Product Overview

The Apparel industry is facing a new set of business challenges that are forcing companies to focus on product development improvements in order to respond more rapidly to market trends and changing customer needs. These challenges include increased global competition, the need to target new markets and create new revenue streams, customer demands for more innovative products, and pressures to reduce new product development costs.

Apparel industry leaders are looking to differentiate themselves and create a competitive advantage by:

- Aligning and coordinating design, procurement and suppliers early in the design process to accelerate time-consuming product sample review iterations and placement decisions.
- Standardizing product development procedures on an enterprise-wide basis.
- Establishing common metrics and procedures for measuring product development milestones and performance.
- Improving the ability to capture and align industry trends, product features, and customer requirements with aftermarket performance data to support seasonal product line planning decisions.
- Creating an information infrastructure that automates and integrates product data, business processes and development workflows across the product lifecycle.

ENOVIA Apparel Accelerator for Design and Development enables companies to rapidly deploy a state of the art, scalable enterprise solution for apparel design and development to take products from trend to design to sourcing to manufacturing to the customer. The Accelerator comes complete with industry-specific best practices for apparel design including pre-defined work processes, industry specific-data models, reports, role-based user interfaces, and document management capabilities.

ENOVIA Apparel Accelerator for Design and Development has been optimized based on the ENOVIA system's track record of helping fashion product-design companies solve the strategic challenges of increasing global competition, shrinking product lifecycles, and reacting to ever-changing seasonal consumer demands.

Product Highlights

With ENOVIA® Apparel Accelerator™ for Design and Development, Apparel design companies are able to deliver product from trend to design to sourcing to manufacturing to the customer.

Season and Line Planning

Product teams can define multiple seasonal plans and classification approaches to fit the company's merchandising and/or product hierarchies. Line plans and seasonal libraries are accessible to all users in the company to help promote sharing and re-use of development qualities. The hierarchy can be tailored in a live system without having to change the underlying database schema. Therefore, a company can manage the seasonal nature of the data and their taxonomies themselves rather than going through an expensive modification of the entire Product Lifecycle Management (PLM) system and expending IT resources.

Within the seasonal plans, the company can clearly define plan objectives such as target revenue, style/SKU counts, target margin, etc. As the development progresses through the season, the actual results are captured and measured against the plan and deviations/exceptions are visually highlighted. Executive dashboards with "Line Assortment" and "Material" views summarize key metrics to help guide management decisions at various development process milestones.

Component and Standards Development

ENOVIA Apparel Accelerator for Design and Development tracks end usage information for all raw materials. Material color approvals can be used to track the status of a color associated to a raw material. This process ensures that combinations of colors and raw materials are viable choices for a product. Using standard capabilities, users can quickly perform mass edits or replace a component across an entire season or multiple seasons. The ability to manage standards such as points of measure, grade rules, construction details, and templates is part of the solution and is controlled through role based access. This secure environment as well as template capabilities allows product development to easily leverage these standards without sacrificing the integrity of this data.

Product Development

Product design and development teams can easily work together and collaborate on designs by working in parallel in functional areas such as bills of material, construction, artwork, product variants, care instructions, and sample management. The same teams can manage products as part of a set or as part of a pack, where items such as labeling and packaging are often different from the individual product. As part of product development, a company's approval processes can be executed and tracked against the calendar established for that season. To encourage collaboration, product team members can create ad-hoc routes or workflows to circulate tasks, projects and files for further work and/or approvals and conduct online discussions regarding a project or task. An intuitive calendar interface allows end users to quickly identify their outstanding tasks. All team members can subscribe, view and comment on the original discussion topic or any of the subsequent responses.

Artwork

All artwork can be captured and managed specific to an individual season or reused across multiple seasons. Any and all types of artwork such as sketches, graphics, prints, etc can be managed independent of the native authoring tool used to create the artwork. ENOVIA Apparel Accelerator for Design and Development generates multiple thumbnails automatically to display the artwork for standard image types such as PNG, JPEG, GIF, and BMP. For advanced format types, the solution includes a supported integration that enables companies to use an external third party converter such as ImageMagick or nConvert.

Notification of Changes

Users can subscribe to automatic notifications for key events such as new content being added to the library or changes made to classified items. Subscriptions can be attached to entire libraries or to individual components. Notification comes in the form of automatically generated email and can include attached descriptions and links to the relevant library or components for easy navigation. This means that users making use of data from the library can make decisions based on up-to-the-minute status of issues and updates, rather than static knowledge captured at the time of reuse.

The Role of ENOVIA V6 and PLM 2.0

ENOVIA Apparel Accelerator for Design and Development supports PLM 2.0, product lifecycle management online for everyone, and the ENOVIA V6 values: global collaboration innovation, single PLM platform for intellectual property (IP) management, online creation and collaboration, ready to use PLM business processes, and lower cost of ownership.



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