

Life Sciences Artwork and Labeling Solution

Avoiding product recalls caused by artwork errors and accelerating speed to market



While supporting drug portfolio expansion and internationalization is a priority for the pharmaceutical packaging and labeling world, it becomes essential to reach the next level of collaboration within each pharmaceutical eco-system.

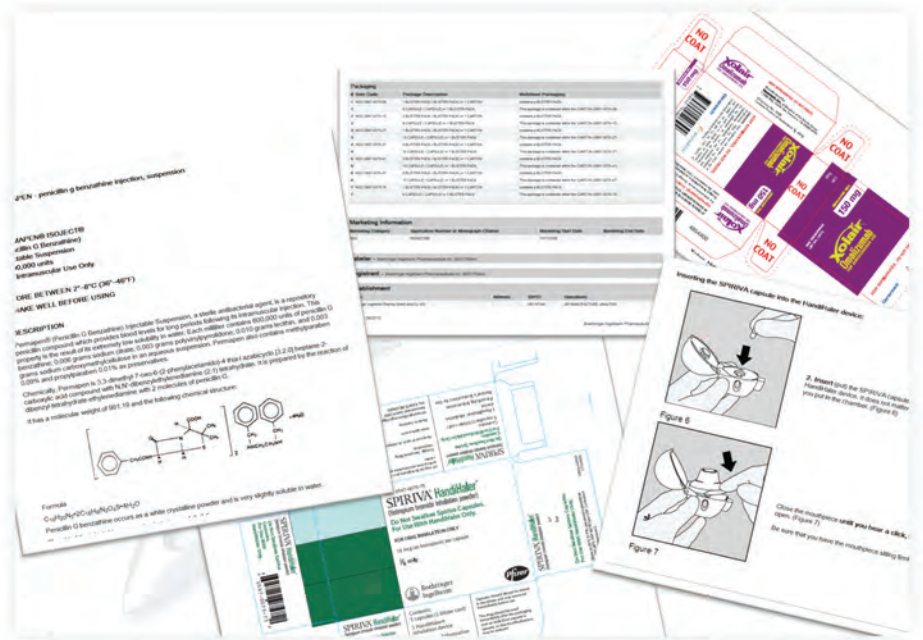
The complexities faced by the pharmaceutical industry today are greater than any time in history. For pharmaceutical and biotech companies, new drug development increasingly demands multidisciplinary competencies in science, incorporating a wide range of materials and biological compounds, and an ever-increasing number of product components and options – all with ever-shortening market windows and product life cycle stages.

Pharmaceutical providers are faced with the perfect storm of ever increasing regulatory compliance requirements and diminishing number of targets for small molecule products. While offshore research provides some relief for some companies, worldwide distribution of work requires even better information systems to facilitate collaboration, re-use, coordination and process oversight.

Leveraging the Product Lifecycle Management (PLM) approach and its demonstrated success in pharmaceutical packaging and labeling, Dassault Systèmes (DS) is today supporting the pharmaceutical sector to answer the following pains:

- How do you ensure full regulatory compliance?
- How do you decrease drug launch time?
- How do you increase patient safety?

Combining asset digitalization with a single source of truth collaborative approach results in streamlining processes between all eco-system actors while ensuring full traceability, reusability and quality.



Avoiding the High Cost of Errors and Recalls



The Dilemma:
How to decrease time to market while ensuring patient safety and regulatory compliance?

Artwork and copy errors drive a large portion of recalls costing millions of dollars per recall. Why? It is usually due to a label mix-up, or there is an instruction error, or a warning omitted or incomplete ingredient statement. In many cases, the content of the label is managed in a Word document or spreadsheet and manually typed into the label design. In addition, with the diverse and complex supply chain involved in creating the artwork for the package, there are many opportunities for errors when the artwork is exchanged and reviewed. Often times, each label is created from scratch with each new country launch since designs are not centrally stored and managed. And finally, each country has different regulations dictating label designs and declarations thereby creating overly complex processes for launching new products.

Artwork Creation and Integration Reduces Errors

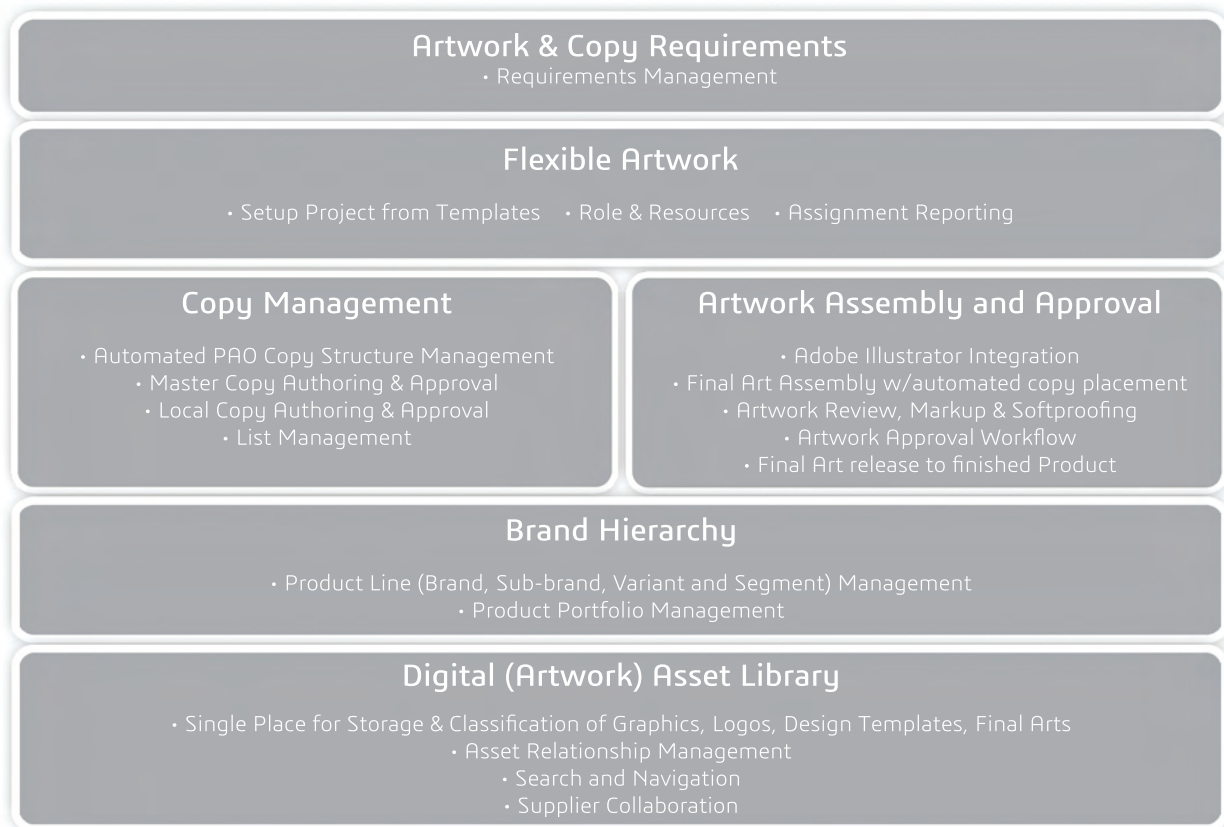
Dassault Systèmes and ESKO Artwork have created an integrated solution to eliminate errors in pharmaceutical packaging. When the content of the label is centrally stored in the PLM system, all artwork uses the latest and approved version of the copy. In addition, templates are used to “design once and reuse hundreds of times.” And finally, designers and regulatory affairs only approve what’s been changed, for example, when shipping to a new country.

The PLM Advantage

Dassault Systèmes provides a unique platform to drive artwork and copy reuse and accelerate new product speed to market across the entire product “supply chain.” From requirements and project management, to artwork creation and copy management, all the way through digital asset management, the PLM environment provides a single source of the data to eliminate errors and centrally store all copy to ensure all artwork uses the latest and approved version.

- Templates are created once and reused multiple times versus creating labels from scratch every time.
- Artwork process is connected to regulatory and formulation systems to ensure compliance.
- Copy authoring, review and approval can be configured to organizational roles and processes.
- Copy is seamlessly connected to artwork development to prevent errors.
- All versions are stored centrally, maintaining full traceability.

Artwork & Labeling Solution Overview



The Dassault Systèmes Advantage

Dassault Systèmes supports over 130,000 customers’ vision of digitizing product development while accelerating innovation globally. Its solutions allow users to create, test, manufacture and launch products worldwide including packaging and associated regulated labeling, allowing for accelerated decision-making between all ecosystem actors while ensuring full traceability, reusability and quality.

About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 130,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes applications provide a 3D vision of the entire lifecycle of products from conception to maintenance to recycling. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - DELMIA for virtual production - SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management - EXALEAD for search-based applications - SolidWorks for 3D mechanical design and 3DVIA for online 3D lifelike experiences.

For more information, visit www.3ds.com

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