

INDUSTRIAL EQUIPMENT **SINGLE CHANGE SOURCE**

Create Enterprise BOM and Change Process

CROSS-FUNCTIONAL BILL OF MATERIALS AND CHANGE MANAGEMENT

Single Change Source for the Industrial Equipment industry delivers comprehensive end-to-end change management and BOM generation capabilities.



Single Change Source provides Industrial Equipment companies with end-to-end traceability of engineering changes across multiple disciplines. You have powerful search capabilities that help locate similar designs from past projects for reuse in new developments, shortening development cycle times and reducing errors. *Single Change Source* enables multi-discipline bill of material management and delivers a consistent view to all downstream business processes and systems. Designers can identify component usage, highlight differences between BOMs and summarize design changes over time. *Single Change Source* helps ensure that products comply with material and environmental regulations throughout the development and delivery process.

Single Change Source is available on premise and on cloud.



INDUSTRY CHALLENGES

- How do we identify BOM discrepancies and capitalize design changes over time?
- How do we keep track of where changes, requests and product issues originate from?
- How do we mitigate the risk of repeating past mistakes?
- How to ensure compliance with industry directives and environmental standards?

SOLUTION HIGHLIGHTS

- Multi-disciplinary BOM derived directly from the product design.
- Identifies component usage and highlights differences between BOMs.
- Compliance management to collect, track, analyze and report a product's environmental compliance with material regulations.
- Ability to assess and approve supplier declarations of material compliance through reporting and validation tools.
- Delivers predefined regulation-compliance templates for reuse or that can be customized to unique company or regional regulations.

SOLUTION VALUES

- Implement a single change process that supports product planning, engineering, manufacturing, and the supply chain
- Standardize the product and process structure, and leverage modules to optimize variants
- Avoid CAD-BOM mismatch by moving to a data-based environment
- Maintains a complete change history, versioning and release management with traceability and lessons learnt, which mitigates risk of repeating past mistakes.

- Powerful similarity search capabilities promotes reuse, saving time and costs.

SINGLE SOURCE FOR SPEED

Single Change Source is part of *Single Source For Speed*, a Dassault Systèmes Industry Solution Experience based on the 3DEXPERIENCE® platform that manages the end-to-end multi-disciplinary product development process by delivering a unified design experience to industrial equipment companies that need to address their complex manufacturing challenges. With *Single Source For Speed*, project stakeholders have social networking, design and business applications that facilitate decision-making, reduce costs and accelerate time to market.



Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.



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