



ProductCenter Nexa Overview

Product Lifecycle Management for the Manufacturing Enterprise

Improved data access and control are critical to many companies' product development automation and streamlining initiatives. But in many manufacturing companies today, financial and IT resources are limited, and business demands a cost effective product lifecycle management (PLM) solution that installs readily and delivers immediate, proven value and results.

Essig PLM's **ProductCenter Nexa PLM** solution meets these important criteria. Nexa PLM provides world-class manufacturers a reliable, scalable solution with the critical PLM features and capabilities needed to manage complex products and processes, enable multi-site collaboration and accelerate product development efforts — through these distinguishing characteristics:

- **Comprehensive, out-of-box capabilities**
- **Scalable from workgroup to enterprise**
- **Low administration and IT requirements**
- **Fast return on investment**

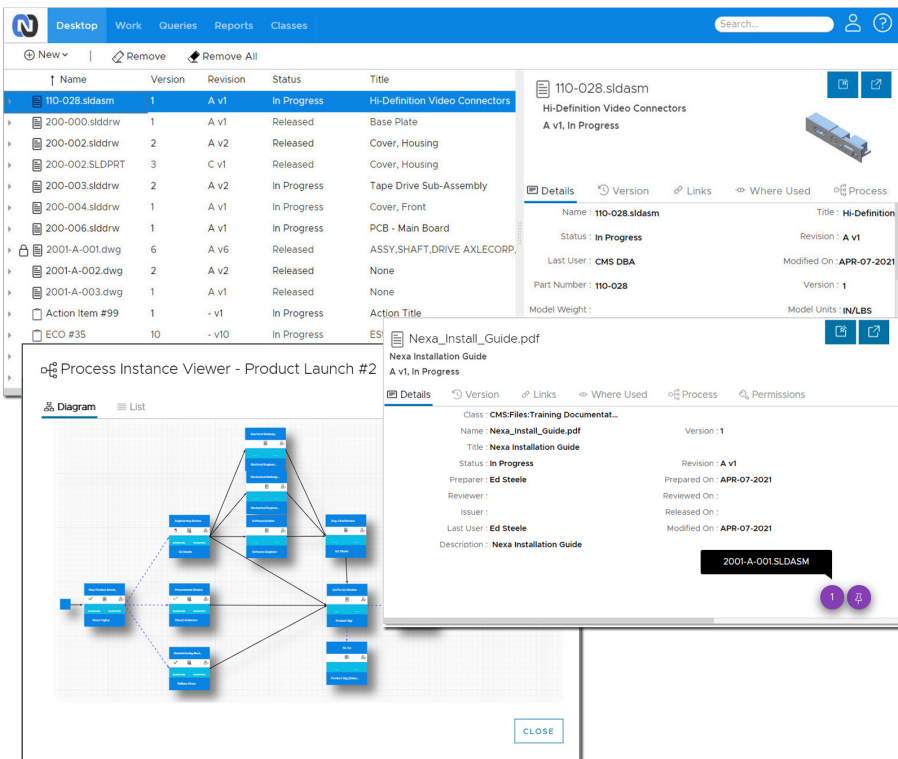
Better Product Definition Management and Enterprise Collaboration.

Its focus is on better management of the product definition, the building block of every product and the common thread that links all functional areas within your company. Nexa connects your people, information, and processes, bringing greater efficiency to your product development efforts enabling innovative new products and improved profitability.

Nexa improves product definition management and lifecycle automation from product concept through to retirement through these **seven key PLM components**:

Document Management

Nexa Document Management facilitates secure access and sharing of information across design and supply chains, leveraging your valuable product knowledge. With files stored in a secure, distributed



Nexa PLM streamlines the management of your Bill of Information.

Product information is just a few mouse clicks away — regardless of the application used to create it. Revision control and file-based security allows in-progress changes to be made, with authorized versions available for viewing by others. Data can be viewed in native file mode or easily converted into universal viewing formats such as PDF for wider accessibility.

Design Integration

Nexa Design Integration provides feature and performance-rich integrations to SolidWorks®, AutoCAD®, AutoCAD® Mechanical, Inventor®, Creo® and NX™ software. These integrations embed comprehensive PLM directly into these applications for users to very easily check in/out files, launch reviews, and monitor product status. Nexa especially excels at managing the complex file relationships created by sophisticated solid modeling CAD applications, extracting CAD model properties as attributes and liberating this critical data for use across the enterprise.

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IMPROVE THE MANAGEMENT OF DATA THAT DRIVES YOUR PRODUCT SUCCESS...

Configuration Management

Nexa Configuration Management provides standard organization for product information, including parts with various part types and attributes, managed and easily accessible through the Nexa Hierarchy Explorer and BOM Editor. It maintains a more comprehensive, fully integrated — and more useful — ‘Bill of Information’ that consolidates and links every information item used to design, produce, and support your products. For added convenience, it also enables direct population of BOMs directly from CAD models and the exchange of engineering BOMs with downstream ERP, MRP, and SCM systems.

Bill of Information

Nexa Bill of Information serves as a comprehensive “blue print” for all of the information about the product, its relationships, and dependencies including the BOM definition. It captures the entire data set required for the design, testing, manufacture, delivery, sale, and support of a product throughout its lifecycle. The Nexa BOI not only makes creating and changing BOMs very easy and efficient, but it can synchronize and consolidate literally all product data across the various organizational disciplines within your extended enterprise, fostering improved communication and collaboration.

Process Management

Nexa Process Management provides the ability to build, release, and distribute product configurations. Easy-to-use change forms simplify and improve the accuracy of data input and the inclusion of data packages for routing automatically throughout your organization with Nexa Workflow. Even processes with multiple contingency options and process routes are very easy to set up and automate to cut weeks out of processes such as ECO/ECN approvals. You’ll also gain the audit accountability and process integrity so important for ISO and FDA compliance.

Product Collaboration

Nexa Product Collaboration offers solutions to facilitate online design reviews and collaborative product team meetings, including view/markup and advanced visualization. It connects and maximizes the creative input of your people, suppliers, and customers regardless of their location. The results of online sessions and document markups can also be saved and linked to original files in Nexa, capturing those all-important lessons learned and minimizing the chance of repeat mistakes.

Enterprise Integration

Nexa Enterprise Integration exploits the full benefits of PLM, enabling the exchange of application-independent bills of material with your other critical enterprise applications such as MRP, ERP, and CRM systems. The fully integrated product environment facilitated by Nexa eliminates redundant pockets of information and re-keying errors between systems. Essig PLM has successfully delivered enterprise integration solutions to applications such as SAP®, Oracle® Manufacturing, SSA Baan™, J.D. Edwards OneWorld, and others, or can provide the tools or work with you to integrate Nexa with your own homegrown or legacy systems.

Nexa PLM for Successful Product Development

Companies that adopt Nexa PLM realize immediate gains in product development efficiency through these types of improvements in their business:

- Streamlined product release processes
- Reduced development costs
- Improved product quality
- Optimized design reuse
- Improved customer responsiveness
- More efficient partner and supplier communications
- Enhanced design and manufacturing collaboration
- Accelerated time-to-market

ProductCenter Nexa SPECIFICATIONS

Operating System:	Browser:	Chrome™, Edge®, Firefox®,
Microsoft® Windows® 10,	Web Server:	Microsoft® IIS
Windows® Server 2016-2019	Database:	Microsoft® SQL Server®, SQL Server® Express



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