PRODUCT LIFECYCLE MANAGEMENT

Infor PLM for Discrete

Experience data continuity with an integrated PLM+ERP platform

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Introduction to Infor PLM for Discrete

A comprehensive PLM solution with industry-specific capabilities for discrete manufacturing, fully integrated with Infor LN CloudSuites

The discrete manufacturing industry is highly competitive, with constant pressure to innovate and reduce costs. Companies need to develop new products quickly while maintaining high quality and meeting customer demands.

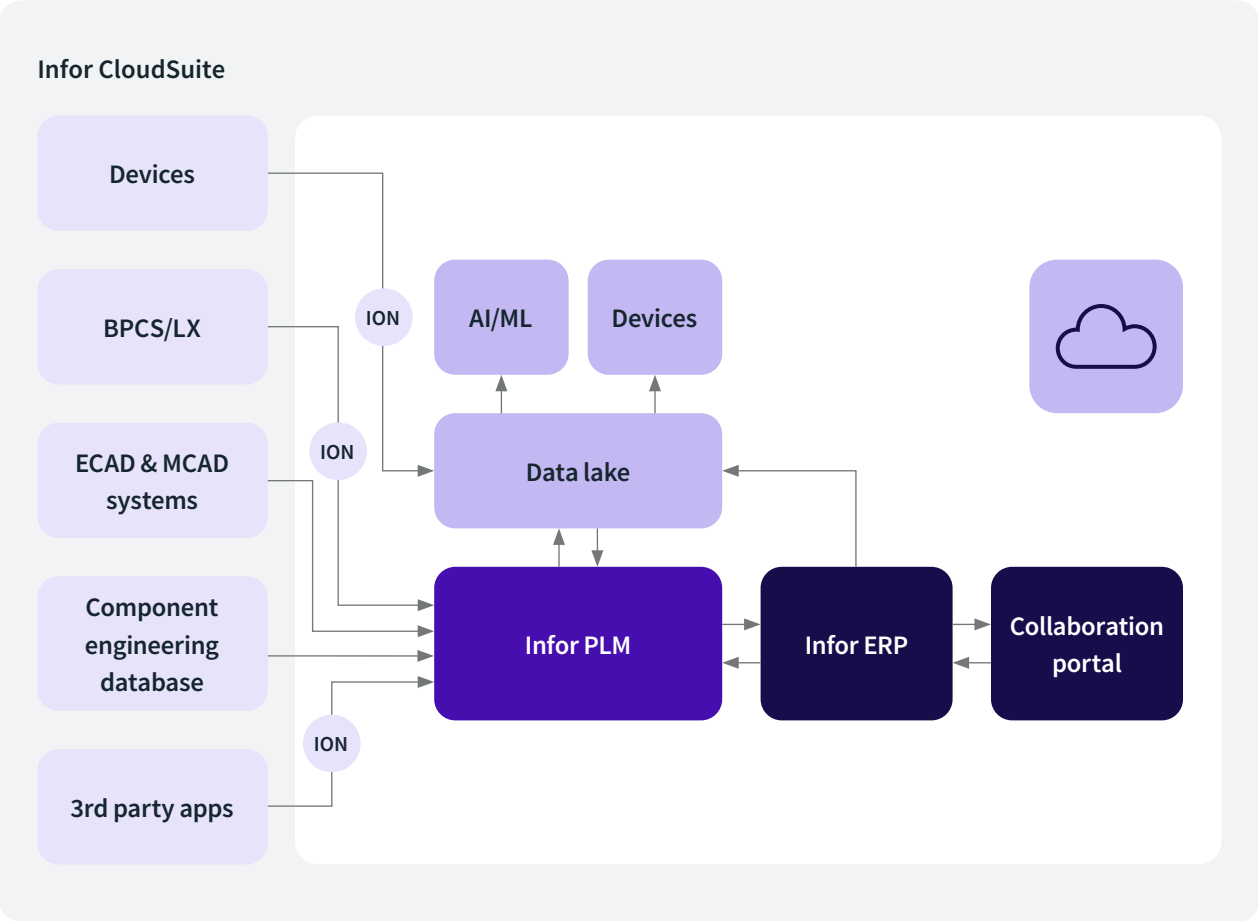
Some key challenges facing organizations in managing product lifecycle include lengthy development processes, managing complex product changes, product variations and Bills of Materials (BOMs), communication breakdowns between design, engineering, procurement and production, and overall lack of visibility of the product lifecycle.

Designed for complex products and project-based businesses, Infor® PLM for Discrete helps you get your products to market faster, improve design efficiency, and lower the cost of new product introductions.

With out-of-the-box integration to Infor LN and Infor CloudSuite™, along with seamless compatibility with multiple CAD systems, the solution provides a single source of truth for all product data across the enterprise and the supply chain.

Accelerate time-to-value and innovation with an out-of-the-box PLM in your LN CloudSuite

Ease of deployment, enhanced user's experience, productivity and innovation are some of the benefits of Infor PLM for Discrete, enabled by out-of-the-box integrations with Infor LN and Infor CloudSuite.



Easy to deploy
Infor PLM for Discrete is an out-of-the-box solution easy to install, configure and administer. Fully integrated with Infor LN and Infor CloudSuites, it will save time in deployment and adoption, as well as stay constantly current, removing the common challenges and costs, lowering total cost of ownership linked to upgrades.

Expanded industry functionality
Compelling, out-of-the-box features, including engineering change management and configuration management enables you to work more efficiently, enhance product quality, boost product development efficiency, and reduce both time-to-market and product costs.

Seamless integration
Infor PLM for Discrete enables you to deeply integrate your most complex PLM processes with Infor and third-party applications, including multiple CAD systems, using Infor ION and REST APIs. It improves the flow and outcomes of your PLM business processes through integration with the Infor OS platform. This integration helps you get products to market more quickly, enhance design efficiency, and lower the cost of new product introductions.

Enhanced user productivity
Infor PLM for Discrete leverages the flexible, easy-to-use, consumer-grade UI of Infor CloudSuite thereby reducing the requirement for additional users training. With collaborative workspaces for product development, and in-context business intelligence, it improves the efficiency and decision-making of design and engineering teams.

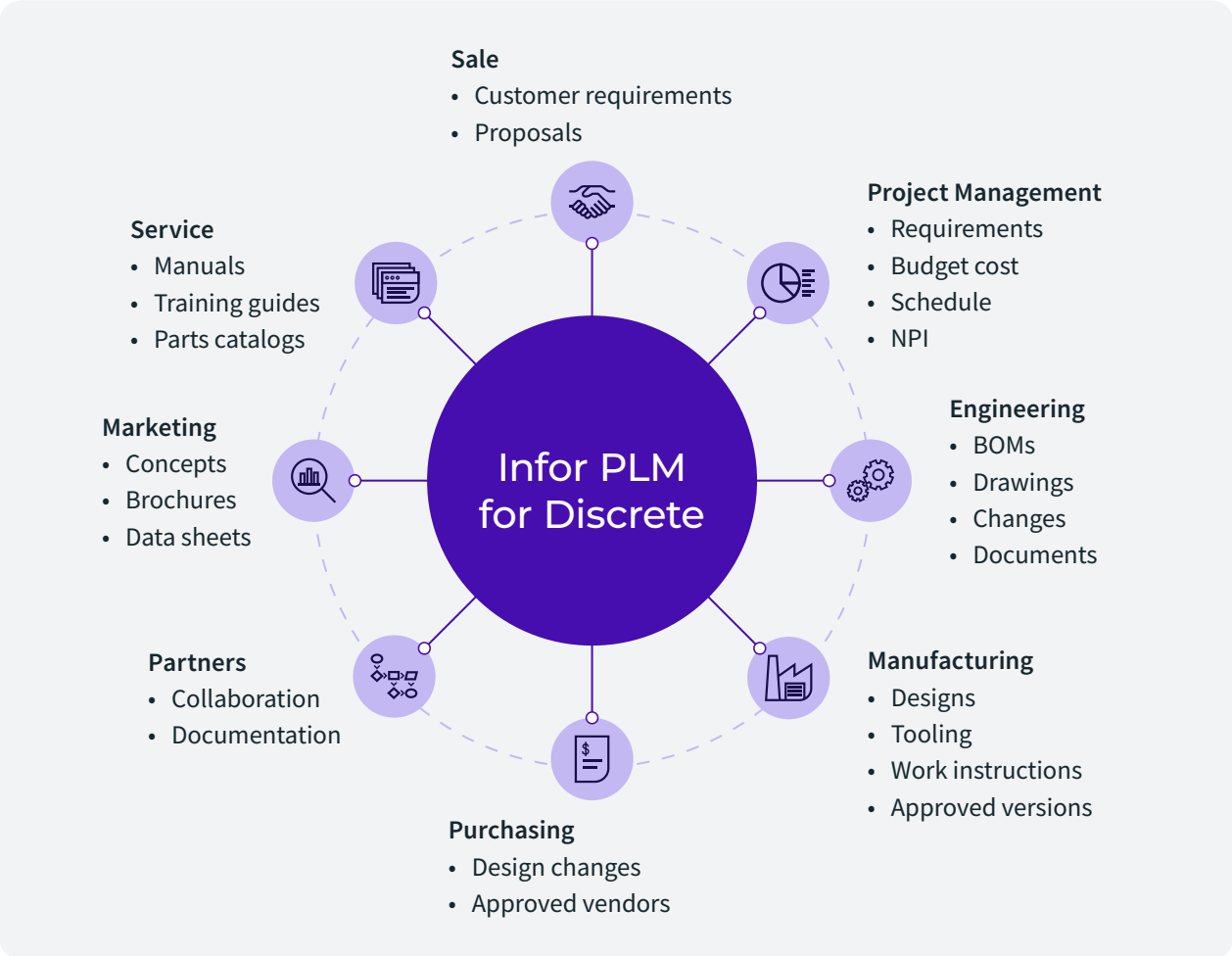
Collaborative engineering ecosystem
Improve the speed, scale, and value of employee interactions by connecting with colleagues in public or private communities. Securely share information, content, and conversations, and easily access expertise across departments, geographies, and time zones to make data-driven decisions with greater confidence.

Innovation
Infor OS Platform built-in analytics, artificial intelligence (AI), and integration capabilities continuously sustains your competitive advantage. IT Teams can create custom dashboards and leverage advanced analytics and AI so business users can gain insights to improve efficiency and drive innovation.

Improve product data management with a centralized source of truth

Infor PLM for Discrete Manufacturing streamlines complex engineering-to-deploy processes and the flow of data at every stage of the product lifecycle, in standard products (MTO, MTS), engineer-to-order (ETO), configure-to-order (CTO) and assemble-to-order (ATO) manufacturing modes.

From determining requirements and developing concepts to building prototypes, to creating designs, and managing engineering and procurement, through manufacturing, assembly, distribution, and maintenance, all the way to obsolescence, the solution allows you to capture, share, manage, and track all documents, tasks and product information at every stage, improving efficiency and teams' collaboration throughout the enterprise.



Capabilities:

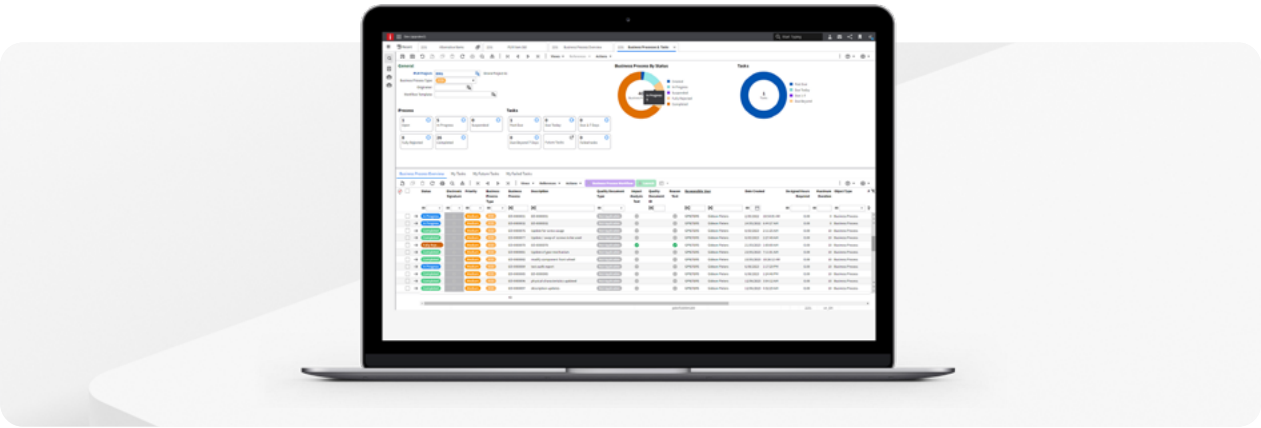
- Organize, control, and distribute product-related data and process data definitions
- Integrate relevant data and attach documents from various applications and devices
- Make all files automatically available throughout the enterprise, anytime, anywhere
- Implement revision control for all documents, product structures, and folders, making it easy to access previous revisions and track product change histories—a critical capability for ISO and MIL compliance
- Leverage workflow tools to route documents, items, BOMs, and tasks
- Communicate changes to production, reducing errors and improving supply chain efficiency
- Simplify the creation and management of complex relationships between documents, items, and changes
- Facilitate the distribution of design changes to the engineering supply chain for co-design and evaluation with automated workflows

Enhance product success with 360-degree real-time visibility of the lifecycle

Designed for complex products and project-based businesses, Infor PLM for Discrete offers comprehensive visibility into the entire product lifecycle, from initial concept to end-of-life.

Seamlessly working with LN ERP's Item Master, MPNs, BOMs, Projects, and Quality Management, the solution leverages the capabilities of Infor CloudSuite to create Digital Thread and Digital Twins of as-engineered, as-built, to as-maintained.

Infor PLM for Discrete offers comprehensive visibility into the entire product lifecycle, from initial concept to end-of-life, enabling better decision-making, risk management, process and costs optimization, ultimately driving better business outcomes.



Capabilities:

- Design for cost by identifying part alternatives without compromising form, fit, function, or quality
- Compare product structures with final approved designs, designs within product manufacturing material data, or previous revisions
- Proactively analyze impacts on cost, inventory, production schedules, cycle time, and quality before approval to understand potential changes
- Track and analyze BOM changes throughout the product lifecycle to identify how a product evolved from inception to end-of-life
- Digitize the product value chain
- Design for inventory by utilizing parts currently in stock

Leverage the unique capabilities of Infor PLM for Discrete to deliver the right products at the right cost to your customers.

Centralize product data

- Single version of product & asset data
- Integrated platform with PLM, ERP, Analytics, IoT & AI capabilities
- Standard integration APIs
- Integrated data lake
- Enterprise cloud with global availability

Industry 4.0 digitized value chain

- Data continuity with Enterprise Digital Thread
- Built-in Digital Twins: As-Engineered, As-Planned, As-Built, As-Maintained
- Full product lifecycle traceability & BOM comparison - 100% data continuity

Promote collaborative innovation

- Multi-site collaboration
- Supplier collaboration portal
- Parallel integration with Multiple MCAD and Multiple ECAD systems
- Concurrent engineering
- Business process & workflow management

Connect product engineering and supply chain

- Integrated PLM+ERP
- Engineering change impact analysis
- Integrated product costing
- Change & revision control from product inception till service

Enable customer-centric roadmap

- Requirements management
- Integrated quality management
- Integrated analytics
- Role-specific governance
- Easy deployment
- Homepages & Dashboards

Out-of-the-box integration with Infor LN CloudSuites

- Scalability, reduce cost of Data Lake & AI deployment with OOTB deployment
- Own and protect IP
- Regulatory and Quality Compliance
- Adhere to CMMC, ITAR, and other global trade & regulatory requirements with Infor Gov Cloud

Accelerate product development - Improve quality - Reduce costs

About Infor

Infor is a global leader in business cloud software products for companies in industry-specific markets. Infor builds complete industry suites in the cloud and efficiently deploys technology that puts the user experience first, leverages data science, and integrates easily into existing systems. Over 67,000 organizations worldwide rely on Infor to help overcome market disruptions and achieve business-wide digital transformation.

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250 East 96th Street, Ste. 525
Indianapolis, Indiana 46240
Phone: 888-308-6940
www.guidetechnologies.com
info@guidetechnologies.com