

The Infor logo is a red square with the word "infor" in white lowercase letters. The background of the entire page is a close-up photograph of a blue printed circuit board (PCB) with various electronic components. A large gold-colored integrated circuit (IC) is prominent in the center. Other components include green electrolytic capacitors, a yellow breadboard, and a blue ribbon cable. White text on the PCB includes "8mm", "SOCKET\_A", "1.0mm", and "3.8mm".

infor

PRODUCT LIFECYCLE MANAGEMENT

# Infor PLM Discrete

## Minimize time to value and TCO

Infor® PLM Discrete is a comprehensive product lifecycle management (PLM) solution for engineering and discrete manufacturing companies in the high tech and electronics (HTE), automotive component, industrial machinery and equipment (IM&E), and aerospace and defense (A&D) industries. For companies in make-to-order (MTO), configure-to-order (CTO), assemble-to-order (ATO) and project-based businesses, Infor PLM Discrete provides a set of configurable, business-specific applications that can be configured and integrated with both Infor ERP solutions, and third-party ERP solutions, to minimize the time to value and total cost of ownership.

## Enhance product information management

Infor PLM Discrete provides one single source of the truth, giving manufacturers like you timely and transparent access to critical product information that helps sharpen your decision-making abilities, shorten cycle times for changes and approvals, minimize scrap and rework, and boost productivity.

In companies with a successful PLM strategy, employees across all levels of the value chain are able to participate at all stages in the product lifecycle—from determining requirements, developing concepts, building prototypes, creating designs, procuring parts/tooling, manufacturing, assembling products, to distributing data, maintaining products, and retiring. PLM helps manage product information and maximize existing investments in assets, resources, and knowledge across that continuum.

With Infor PLM Discrete, you can enhance product information management internally and externally. Internally, it reduces execution problems for line staff, such as managing change and revisions. It helps managers deal with operational issues, including high costs, delays, obsolete and excess inventory. It provides value to executives who worry about the big picture, including low product success rates and margins and the constant need to introduce new products faster. Externally, Infor PLM Discrete removes bottlenecks between internal stakeholders and external partners.

## Features and functions

### Technology

- Microsoft® Windows Server
- Microsoft- or Oracle® Database
- Web user interface (UI) based on Microsoft Silverlight web technology
- Drag-and-drop (within the UI, into the UI, and from PLM to CAD)
- Microsoft Office integration
- CAD integrations with leading M-CAD and E-CAD Software
- CAD add-in to allow usage of PLM functionality from CAD
- Integrated 2D, 3D Oracle file viewer (M-CAD and E-CAD)
- Configurable without source changes
- Configuration data kept in database
- Configuration data included during PLM upgrades
- Supports multi-site with distributed file vaults (single database)
- XML data exchange technology (incl. Infor ION®)
- Infor Ming.le® enabled
- Active directory enabled

## General features

- Embedded workflow based on user definable templates
- Personalized, optimized, and distributed user work areas (by user, user groups, data projects, or user role)
- Role-based security by user, group, or site
- Separate document and item/parts list objects
- Quick, relational, content, and parametric search capabilities
- Thumbnails for easy product recognition
- Drag-and-drop to create links between objects
- Drag-and-drop files to PLM objects
- Drag-and-drop files from PLM to CAD
- Import and export product data
- Easy data exchange from and to MS Excel from the UI
- Embedded viewer for CAD file viewing and markups with redlining
- Conversion of files to PDF or CAD neutral formats
- Configurable CAD and ERP integrations
- Integration with major Infor ERPs for bi-directional data exchange
- ERP integration monitoring and status reporting
- Infor Ming.le PLM web parts showing ERP-related PLM content and documents (including viewer)
- Contributor licenses for light users
- Publication access licenses for business partners

## Functionality summary

- Project-based engineering (data storage and access)
- Concurrent and collaborative engineering
- Document management (DMS) capabilities with revision control for documents of any file type
- File locking to user while editing
- Classification with additional attributes by object type
- Multi-level product data structure management
- Product data release by workflow for full tracking and tracing
- BOM redlining for changes
- Object Identification and revision numbering; manually from a mask numbering or by intelligent numbering using object's attributes
- Compare Part lists (differences by revisions or variants)
- Copy product structures (include new CAD file names)
- Analysis of online ERP data for justified component selection (site, availability, usage, costs, production, rejects, etc. depending on ERP system used)
- Controlled (staged) transfer of released parts and part lists to ERP system
- Independent and unlimited number of attributes per object
- Dependent and independent item/parts list creation
- Viewing of structures—top-down and bottom-up
- Change management supported by workflow
- Folders (revision controlled) for linking Items and documents
- Selective data and document export and up-load for publishing and exchange with partners
- Import of structures, drawings, and models from external sources into PLM, while preserving data integrity and usage of templates
- Bi-directional data mapping between PLM objects and CAD file properties

## System administration

- Project data and access management
- User data and user access management
- User role template management
- Workflow template management
- UI publishing and definition
- System configuration management
- Object classification management
- ERP integration management
- CAD integration management
- Trouble shooting

## Experience the new capabilities of Infor OS

Infor PLM Discrete and Infor OS, the latest release of Infor's innovative technology, combine to give you a consumer-grade user interface that delivers a flexible, easy-to-use environment designed to increase productivity. New capabilities in the areas of social business, mobility, analytics, and integration let you extend the value of Infor PLM Discrete internally and collaborate more closely with external partners and suppliers.

## Product management

- Item master
- BOM master
- Master data for vendors

## Change management

- Workflow and routing for approval
- Revision control

## Lifecycle analysis

- Retrieve data from ERP system
- Compare cost and other attributes

## PartnerNet

- Collaborate with suppliers/partners

## CAD integration

- AutoCAD, SolidWorks, Inventor, Pro/E
- Catia, Solid Edge, Unigraphics
- Integrated CAD file viewer/markup

## Web use interface

- Intelligent colors
- Drag and drop
- Work area and personalization

## ERP system integration

- LN/BAAN
- CloudSuite Industrial (SyteLine)
- VISUAL
- M3 (planned)
- BODs—published per Infor standards

## Document management

- Secure Document Vault
- Check in and check out
- Version control
- Authority

## Licensing

- **Design**—Heavy users
- **Contributor**—View, casual users

## Infor OS common component adoption

### Integrations

- BAAN/LN
- SyteLine
- VISUAL
- M3 (planned)
- Publish BODs

### New localizations and language support

- English
- Japanese
- Chinese (Simplified)
- French
- German
- Spanish
- Portuguese

### Industry specialization

- Automotive
- Aerospace
- High tech and electronics
- Industrial manufacturing

## Realize significant ROI in months

With Infor PLM Discrete, you get a unified, full lifecycle view of product design data and definitions. You'll have better control over the execution of product-related tasks, overseeing reviews and approvals across the internal and external supply chain. In addition, you'll have out-of-the-box interoperability with your manufacturing systems and robust, real-time reporting and analysis capabilities, so you can realize significant ROI within months of implementation.

[Learn more >](#)



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