

# INNOVATIVE PRODUCT LIFECYCLE MANAGEMENT SOLUTIONS



Making Your Product Data  
**universal**

Market dynamics such as continuous technology advances, increased customer demands, new compliance standards, and competitive pressures are requiring today's manufacturers to develop more complex, higher quality products, in less time.

Product information is constantly changing throughout the design-to-manufacturing process. As product lifecycles shrink, it is critical that companies implement controlled product development processes to avoid inefficiencies and to ensure product delivery goals are met.

Product Lifecycle Management (PLM) technology provides a system to centralize product data, standardize business processes and streamline communication of information across distributed product development teams. PLM helps to shorten development cycles, improve quality and speed time-to-market by enabling access to current and accurate product data. Anytime. Anywhere.

### Integrate Product, Processes, People

The PLM solution from Omnify Software helps manufacturers manage their product data from concept to obsolescence in a unified environment. Omnify supplies a single, secure location to manage all of the essential information for designing, manufacturing and supporting your products and enhances visibility into all aspects of product development with features such as:

- Product Data Management
- Bill of Material (BOM) Management
- Manufacturing Process Management (MPM)
- Engineering Change Management
- Document Management
- Project Management
- Quality/CAPA Management
- Training Records Management
- Compliance Management



Our business-ready technology is quick to implement, easy to use and requires minimal maintenance. Built on the Microsoft .NET Framework, Omnify Software offers an environment that can be configured easily to meet a company's specific needs and facilitate an easy transition from legacy practices.

Omnify leverages an organization's existing systems for quick implementation without interruption in current processes. Our open integration platform provides direct interfaces with:

- Engineering Environments (CAD/CAE tools)
- Business Systems (ERP/MRP/CRM)

### Automate Manual Processes

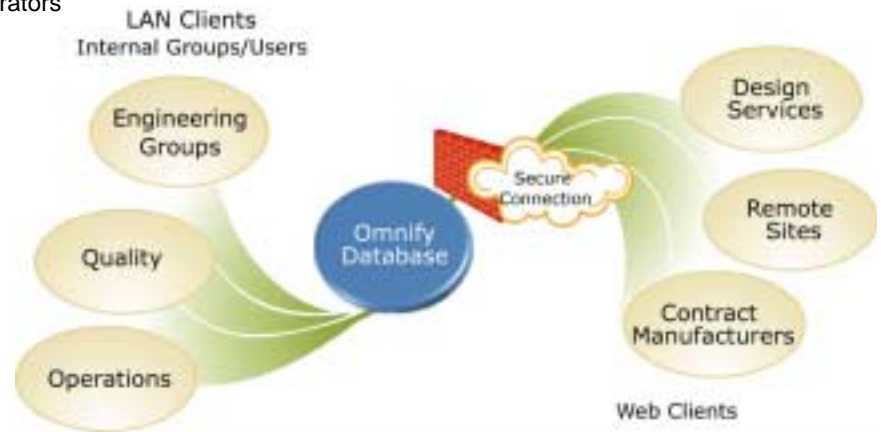
Omnify alleviates issues with data duplication, data integrity, scrap, and rework by automating manual development processes such as:

- BOM structures/revisions
- Change Orders (ECR, ECO, ECN)
- New Part/Item Requests
- Document Revisions
- Project Tasks
- Quality Records (CAR, PAR, NCMR)
- Training Requirements and Records
- ERP System Uploads/Updates

## Secure Collaboration Across the Extended Enterprise

Securely share product data with all members of your design and manufacturing teams, across the extended enterprise:

- Engineering
- Documentation/Configuration Management
- Quality
- Manufacturing Partners
- System Integrators



Permission options provide complete control over access to information and functionality for each user.

## Key Benefits

### Shorten Development Cycles, Improve Quality, Achieve Better Design Practices

- Enhance visibility into all aspects of product development
- Shorten product development cycles:
  - Manage all product, project, quality and training records in a single environment
  - Automate manual processes
  - Streamline communication across the enterprise
  - Eliminate disparate data sources
  - Quickly search and find product data
- Reduce product development costs:
  - Provide engineering with business-level data to support better design practices
  - Bring manufacturing into sourcing and design decisions
  - Perform cost analysis early in the development cycle
  - Eliminate mistakes in the BOM
  - Reduce late-stage scrap and re-work
  - Reduce data duplication
- Improve product quality:
  - Improve communication of issues and changes
  - Store all history on product changes and revisions
  - Access quality data during design
  - Easily identify trends and common issues
  - Ensure accurate data is shared among design and manufacturing
  - Closed-loop CAPA system to quickly resolve product issues
- Ensure compliant product development processes (RoHS, FDA, FAA, Quality)
- Easy to Use
  - Rapid implementation
  - Customizable environment (processes, interfaces, reporting)
  - Short learning curve
  - Minimal IT maintenance



"We achieved 100% return on investment from Omnify in the first year and we expect our return to be even greater in the future. Omnify enables Redline's engineers and extended support team to bring products to market more quickly, reduce rework and meet customer demand."

-Jim Dickerman  
VP of Engineering,  
Redline Communications

## Key Features

- **Business-ready System:** Quick to implement, easy to use solution that requires minimal IT maintenance. Built on the Microsoft .NET Framework offering easy setup and configuration to match company processes. Open integration platform provides direct interfaces to engineering tools and manufacturing/business systems for quick adoption without interruption in existing processes.
- **Complete Data Management:** Assign all data necessary to describe design, manufacturing, purchasing, quality/test, and service aspects of product records. Manage key product data such as: part information, product documents, vendors/partners, and service records, as well as assign unlimited parameters (costs, behavioral characteristics, physical characteristics, etc). Manage all revisions with full history/audit trail.
- **Bill of Material Management:** Automate Bill of Material (BOM) management. Manage all released and pre-release/prototype BOM revisions and variances. View and compare multiple BOMs, import and export BOMs in any file format. Automate upload from CAD/CAE tools and export to ERP systems. Document all manufacturing, assembly, test, and inspection procedures with BOM Routing/MPM.
- **Engineering Change Management:** Electronically define product changes to BOMs, documents, and vendor/supplier information with full redlining and audit trail. Route changes and formalize the approval process with parallel and serial workflows/sign-offs. Automatically update affected products upon release and upload to ERP.
- **Document Management:** Manage all product documents. Secure location to store documents and associate them directly to the product record. Formal check-in/check out permissions ensures controlled editing and viewing with full revision management.
- **Project Management:** Automate the management of tasks and project schedules for a more accurate view of project progress and completion. Track and capture project data such as tasks, actions, resources, and deadlines. Automated Tasks allow external and system actions to automatically update project progress. The Project Management module is integrated with all product data stored in Omnify.
- **Quality/CAPA Management:** Capture and route data related to product issues and defects (CAR, NCMR, SCAR, field complaints) in a closed-loop Corrective and Preventive Action (CAPA) system. Easily identify, resolve and analyze quality issues. The Quality Management module is integrated with all product data stored in Omnify.
- **Training Records Management:** Track and document all internal and external training. Associate required training and/or testing directly with events such as new product launches, implementation of product changes, and internal process changes. The Training Management module is integrated with all product and project data stored in Omnify.
- **Integration:** Share design data with engineering and manufacturing/business systems. Open technology platform provides out-of-the-box interfaces with CAD, CAE, ERP, MRP, CRM systems. Give engineers access to enhanced data set (costs, status, availability, vendor information) for better design decisions. Automatic uploads to manufacturing/business systems ensure receipt of most current design information.
- **Compliance Management:** Control and manage product development to comply with Quality and Environmental standards (21 CFR Part 11, 21 CFR Part 820, RoHS, etc.). Unified location to track, manage and report compliance data.
- **Analytics and Reporting:** Easily identify trends and issues. Create high-level views of key development data with custom reporting for accurate prediction of deliverables. Analysis features facilitate recognition of common problems that impact deadline-sensitive development activities and improve operational performance.
- **Flexibility:** Create customized user interfaces and reports. Tailor user interfaces to create a familiar environment that adheres to company processes. Create custom views to access metrics and reporting specific to your needs.

Visit [www.omnifysoft.com](http://www.omnifysoft.com) or call (978) 988-3800 for more information on our innovative product lifecycle management solutions.

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"We chose to deploy Omnify PLM because their team was entirely committed to helping us evolve as a company by establishing visibility into our entire product development cycle. The Omnify application met all of our requirements for functionality, cost and ease-of-use and the teams' commitment to client service is unmatched."

-Dennis Lowell,  
L3 Communications-Klein  
Associates

