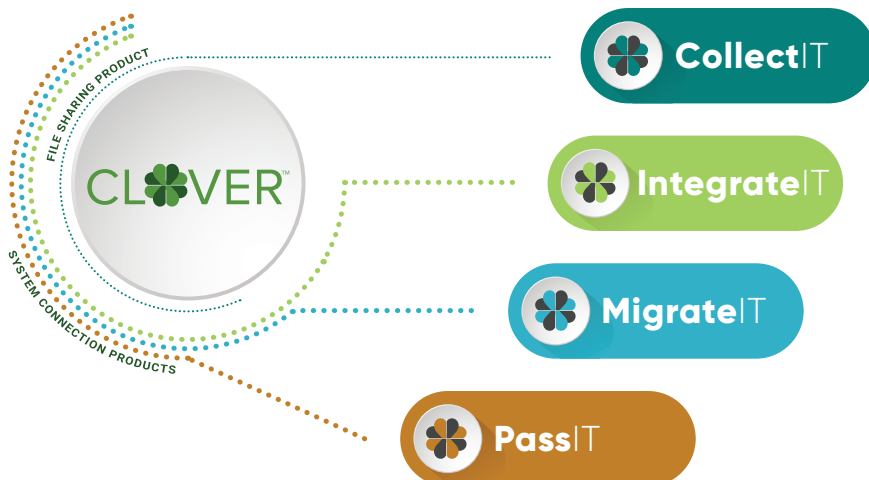


# Connect CLOVER with Any Enterprise System

## OVERVIEW

Creating quality, innovative products is challenging and involves multiple teams, systems, geographies, partners, and vendors. Yet these siloed groups must make decisions based on the same design, stay on budget, and respond to customer demands to deliver better products faster and stay competitive. Razorleaf CLOVER accelerates product design processes and time to market by enabling exchange of information across your organization.

CLOVER is a family of software products that enable the integration, migration and exchange of product information across your organization, partners, and suppliers. CLOVER is not just another integration and communication platform; it solves your most complex product operational challenges.



## What CLOVER Does

- Connects multiple systems into a single integrated information-sharing environment.
- Extends workflows throughout the entire product lifecycle across multiple systems. Common PLM Integration Workflows:
  - Parts and BOMs
  - Document Management
  - Change Management
  - Issue Management
  - Project Management
- Utilizes standard .NET architecture and development tools. CLOVER makes each process fully extensible through simple conversion of C# method code into CLOVER Plugins.
- Provides job queuing, orchestration, and error handling to support even the most complex integration jobs to ensure data is consistent across systems and operations are guaranteed.
- Intelligent File Exchange vs. Transactional
  - Designed specifically for Digital Product Content
  - Supports existing middleware with error processing and job queuing stacks to parse BOMs and perform long-running tasks
  - Centric to PLM processes and complex PLM file exchange needs

# CLOVER CONNECTIONS

## Prebuilt Connections

CLOVER includes out-of-the-box job libraries to create connections to common endpoint technologies including:

- File systems
- File servers
- Microsoft SharePoint
- Salesforce Platform
- Web servers and FTP

## SOAP/REST Web Services

Connect to PLM and ERP systems through standard SOAP or REST web service interfaces including:

- Aras Innovator
- 3DEXPERIENCE
- Siemens Teamcenter
- PTC Windchill
- Oracle ERP/CRM
- NetSuite ERP
- Arena PLM
- SAP ECC/HANA

## Database Connectors

Utilize data from any relational database using common database connector functionality including:

- ODBC
- JDBC
- ADO/DB

## iPaaS and ESB Systems

Extend the messaging and orchestration functionality of standard ESB and generic integration platforms with PLM-oriented job processing capabilities:

- Microsoft BizTalk
- MuleSoft AnyPoint
- Dell Boomi
- Jitterbit Harmony
- Other integration platforms
- Informatica

## Structured Data Files

Export and Import to a connected system utilizing any common data exchange format:

- XML, JSON, CSV, Microsoft Excel, Delimited Text, and other structured file formats

## CLOVER File Watcher

Monitors for files as they are published to File Systems, FTP/SFTP, CIFS/SMB, or other storage locations.

## Vendor-specific APIs

Utilize vendor provided .NET APIs to connect PDM systems, CAD, or other systems that do not expose data through other methods.

## Key Benefits

- Provides a unique rules engine & job-processing architecture that minimizes customization and reduces TCO.
- Utilizes integration best practices designed by PLM and industry experts.
- Gains process efficiency and enables seamless data flow to ensure accurate and consistent data for improved decision making.
- Enhances employee productivity by reducing effort, time and re-work.

## Enhance Your PLM Business Processes Today

CLOVER helps your extended product team streamline business processes to ensure data accuracy, reduce integration costs and improve productivity. Get Started with a free initial consultation and CLOVER Demo.