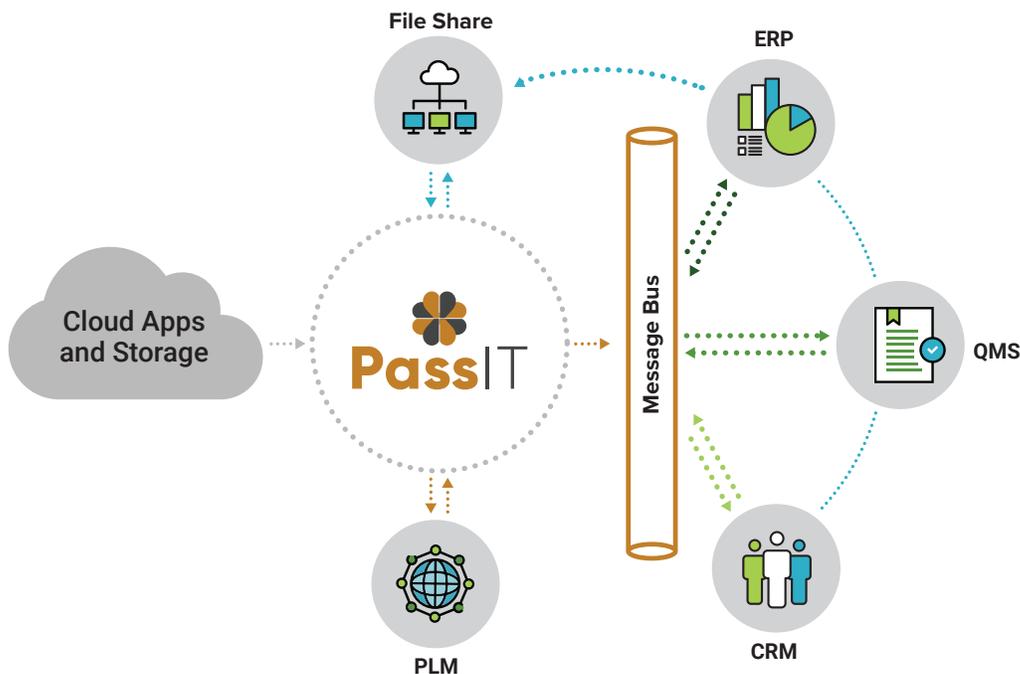# PassIT™

What is CLOVER **Pass**IT

Product Lifecycle Management (PLM) data and files are often uniquely structured into complex product hierarchies with wide-ranging relationships. This complexity can cause challenges when transferring files and data between PLM and other systems, even when utilizing an integration platform service (iPaaS) or message bus.

CLOVER PassIT provides an interface between messaging platforms and PLM systems. The job processing and rules engine allow data evaluations and business rules to be performed on the CLOVER Job Server instead of each system endpoint, maximizing endpoint performance and freeing the service bus from complex operations.

Maximize Your Endpoint Performance with CLOVER PassIT

Why **Pass**IT

PassIT maximizes your investment in both PLM and iPaaS by keeping each system functioning effectively and performing its appropriate role. Common usage scenarios include:

- Parse BOMs to process specific parts during a data transfer

- Validate, transform, and shape data before submission to the message bus APIs

- Leverage native PLM markup languages and APIs without custom code

- Bypass the message bus for large file transfers while continuing to utilize the bus APIs for object creation and linking

- Incorporate secure cloud-to-PLM and cloud-to-iPaaS proxy architecture without exposing inbound network ports

PassIT allows for complex data transformations, file rendition creations, product revision selections, and other process-oriented logic. In addition, **Pass**IT can be utilized as a secure proxy interface to cloud systems without needing to open inbound connections through your firewall, securing your internal systems and protecting sensitive data.

PassIT **Features**

- Process-based orchestration of file and data transfer utilizing iPaaS system REST APIs and object definitions

- Layered BOM and hierarchical data processing capabilities Input or output data into any structured file format from any type of system or file share

- Includes standard triggering events for PLM that can be tied to workflow or user action

- Transformation plugins to support PLM-native markup languages and APIs

- Job engine for complex data transformations, file rendition creation, product revision selection, and other process-oriented logic without changing the existing iPaaS implementation

PassIT **Benefits**

- Provide effective information distribution by reading and interpreting data at the time of transfer - allowing for consolidation, distribution, and data-specific operations prior to exchange

- Reduce the impact of complex operations on system performance by keeping source and destination endpoint processing minimal

- Eliminate costly builds and complex custom operations for PLM-specific business processes into the service bus

- Orchestrate end-to-end business processes by moving data between them seamlessly.

- Create new user experiences, share data and information, build new products/services and business models with a more flexible processing architecture

Let us help you to maximize endpoint performance.
Find out what CLOVER PassIT can do for you.

www.razorleafgov.com | (330) 208-2428 | info@razorleafgov.com