Lasernet Input Management

Haveela Anil - 2024-07-16 - Comments (0) - Lasernet Architecture

The following diagram provides an overview of the core components of Lasernet's Input Management, numbered 1 to 10.

1. Lasernet Monitor is a Windows or web application that monitors the service log processed by the Lasernet service instances. This log can either be the live log for jobs currently being processed or log data saved for older jobs that have already been processed.
2. The client is a Windows or web application to view and manage temporary documents stored in the MS SQL Job Database. For the documents, you can perform tasks such as editing JobInfos, re-scheduling, searching, viewing, removing, and releasing scheduled, failed, or paused jobs.
3. Lasernet OCR is a Windows application for developing, committing, and deploying OCR Forms used for maintaining incoming business information and easy data extraction for import directly into your workflow system. By setting up simple text recognition, you can work with data fields in forms such as invoices, order confirmations, etc.
4. User systems can integrate and exchange data with Lasernet Server in several ways. File, FTP(S), SFTP, Mail (POP3, IMAP and Outlook Mail), Microsoft Azure (Storage, Service Bus), Microsoft OneDrive, Print Server, Web Service (SOAP, REST). Input jobs can be split and processed as single forms. (Modules marked with bold are common channels used for input management).
5. Lasernet Server can process and generate data in various formats. Supported input formats are CSV, EDI, JSON, PDF, TIFF, TXT, XLSX, XML. Supported output formats are CSV, EDI, DOCX, HTML, JSON, PDF(A), TIFF, XLSX, XML. (Formats marked with bold are common exchange formats used for input management).
6. Lasernet Server can integrate and exchange data with user systems in several ways. File, FTPS, SFTP, Mail (SMTP/Outlook Mail), Microsoft Azure (Storage, Service Bus), Microsoft OneDrive, Printer Service, Web Service (SOAP, REST). (Modules marked with bold are common output modules used for input management).
7. The Lasernet Server Instances run the workflows, document processing, data

extracting, and validation in your Dev, Test, and Production environments. They are deployed from the Lasernet Developer and Lasernet OCR.

8. The MS SQL Job Database acts as a database backend for the Lasernet Service Instances. It stores the paused, scheduled, or failed jobs. Lasernet 10 is, by default, installed with a MS SQL Local DB, but upgrading to MS SQL Server is recommended. You can view and manage temporary stored documents from the Lasernet Client.
9. Connect to external database to select, insert, update metadata from external databases like MS SQL, Oracle, IBM DB2, or from Microsoft service like Azure Storage, SharePoint 365.
10. Lasernet provides several authentication methods ranging from local users to full SSO integration. Full support and guidance are provided when utilizing an external user identity directory, allowing customers to integrate with existing authentication infrastructure, like Microsoft AD and Entra ID.

Note
Lasernet 10 is built on C++, C#, JavaScript and approved on Windows 10, Windows 11, Windows Server 2019 and Windows Server 2022.