

FlexSpooler ProgramSuite 2025

FLEXIBLY CUSTOMIZABLE AND EXTENSIBLE SOLID EDGE™ BATCH AUTOMATION SOLUTIONS
FOR DEMANDING APPLICATIONS



FlexSpooler ProgramSuite 2025

Solution Overview

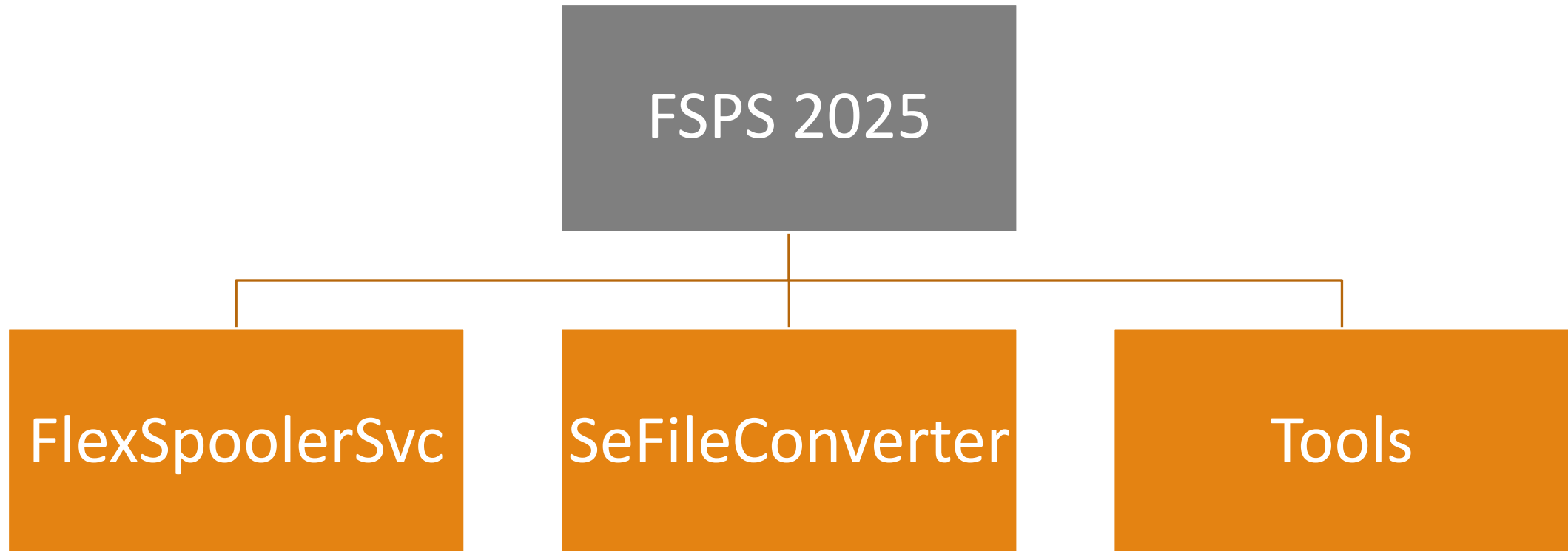
The FlexSpooler ProgramSuite provides a complete, modular and highly configurable solution for **central, unattended batch processing** of Solid Edge documents via **Solid Edge automation**.

The advantages of this concept are:

- The designer is only briefly interrupted in his work in Solid Edge
- Storing the output files can be done with higher user rights than those of the designer
- Reduced administration costs
- Easy integration into existing environments and workflows (e.g. approval process)
- Reduction of comprehensive conversion and file storage functions at your fingertips
- Preliminary check of the data to be converted with notice and termination option
- Uniform presets being used, regardless of the last ones used at the designer's workstation

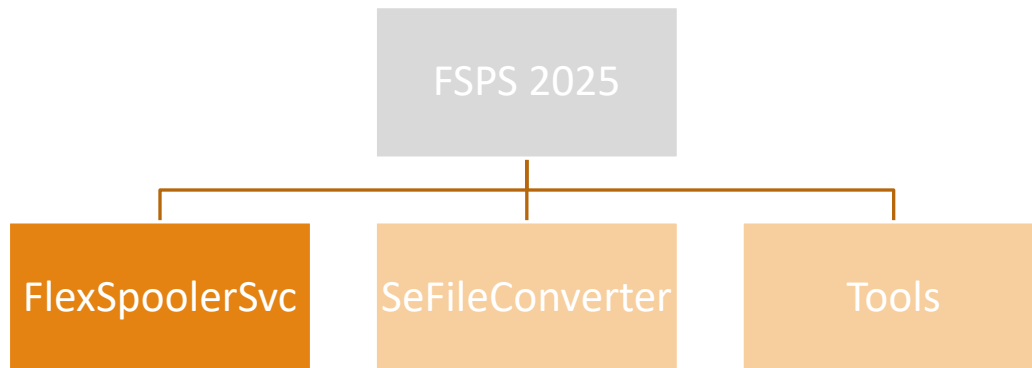
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Components Overview



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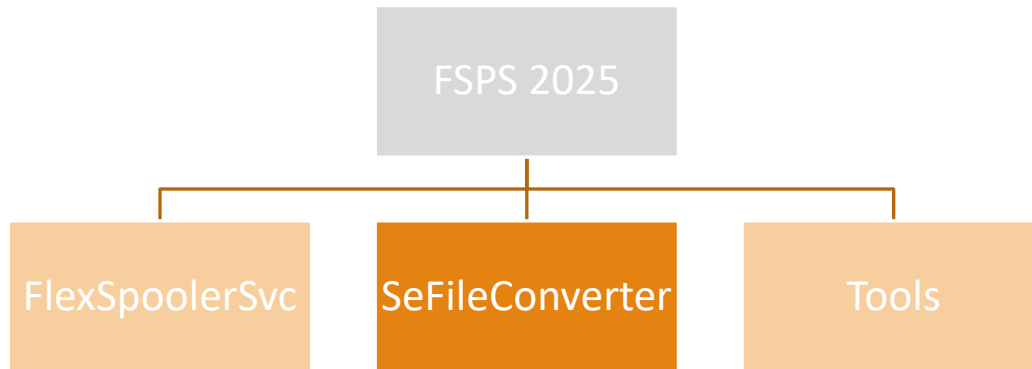
FlexSpoolerSvc

A Windows service application for monitoring intended directories for the arrival of certain types of files and the synchronous execution of a file-type-dependent action program for each found file according to the First In First Out (FIFO) principle.

Extensive log file, optionally in German or English (expandable with additional languages).

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Components Overview



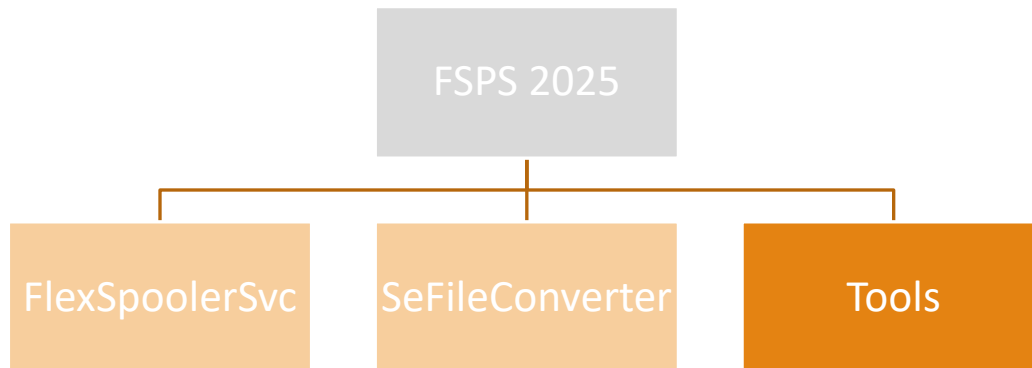
SeFileConverter

Action program to convert Solid Edge documents into supported neutral formats with a variety of pre-editing and post-editing capabilities, flexible dynamic target file naming, and filing of generated and possibly changed input files.

Extensive log file, optionally in German or English (expandable with additional languages).

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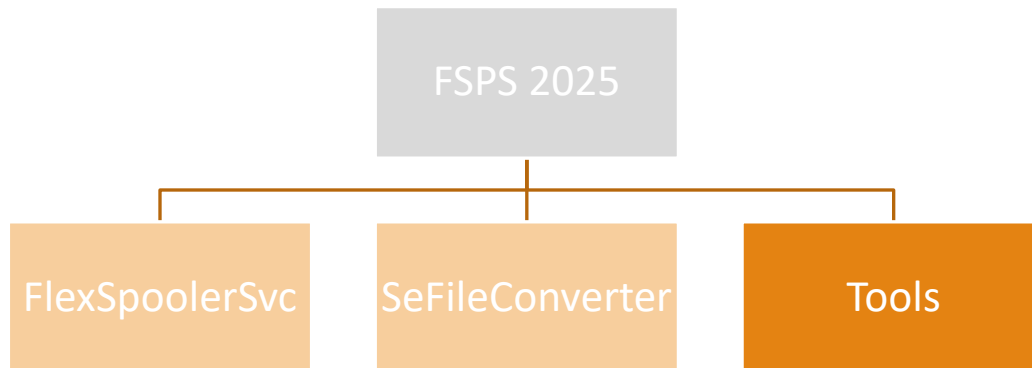


Tools

- FlexCheck
- SeFileHandler
- XLanguage
- XProof
- PLMS integration solutions

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Components Overview



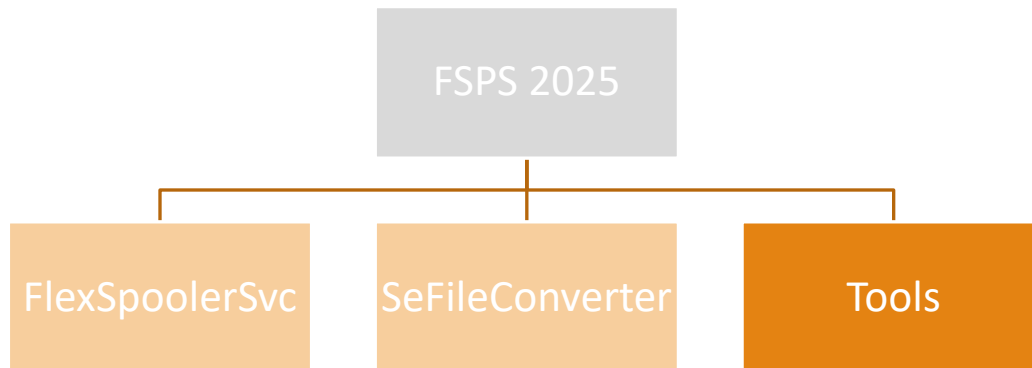
FlexCheck

An optional background process, automatically initiated by the FlexSpooler service, to monitor, resolve, and notify by email and / or Windows application log entry of detected issues such as:

- Missing required background processes
- Solid Edge automation blockade due to a temporary missing Solid Edge network license. Resolving by removing the blocking Solid Edge message dialog.
- Failed action programs

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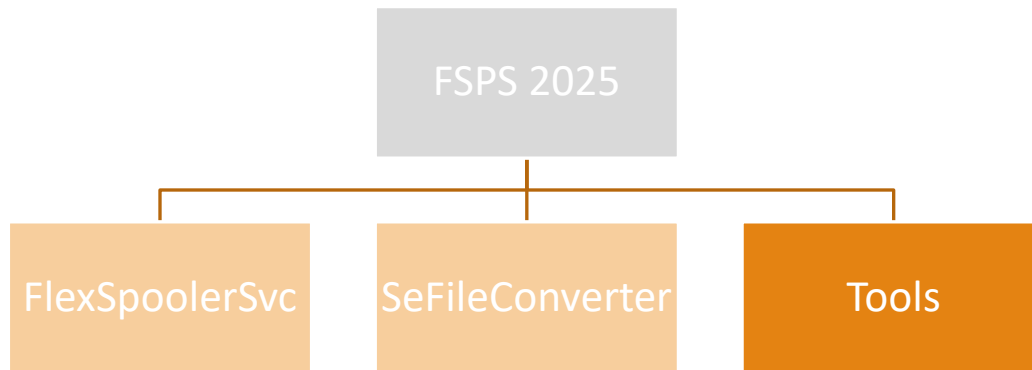


SeFileHandler

A Solid Edge automation program running on a designer's workstation that, after optional custom checks, temporarily transfers the active drawing document and optionally also its 3D model (including ASM structure) to the FlexSpooler server along with a job control file for the program SeFileConverter to initiate the desired conversions via the FlexSpooler service.

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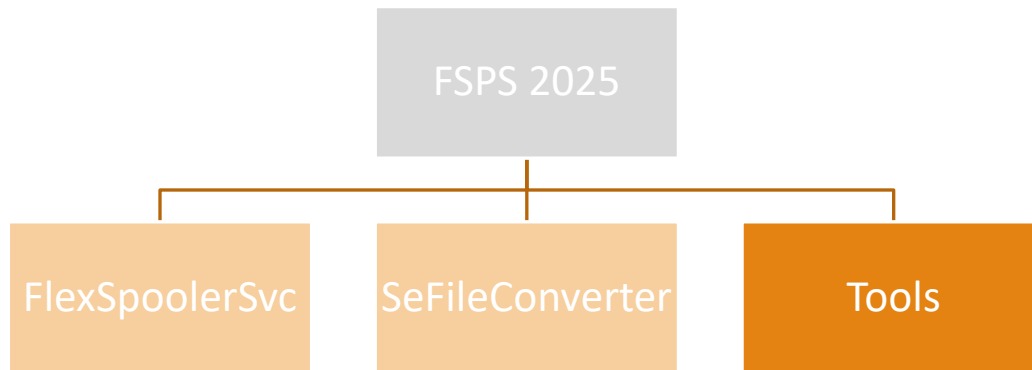


XLanguage

A Solid Edge automation program running on a designer's workstation or as action program that provides database-driven translation of Solid Edge drawing documents using a Unicode character set without the need for separate layers per language. In addition, the creation of overlapping-free drawing objects and non-translatable placeholders are visually supported. The database can be extended by the user by any number of languages, including the graphical user interface (GUI).

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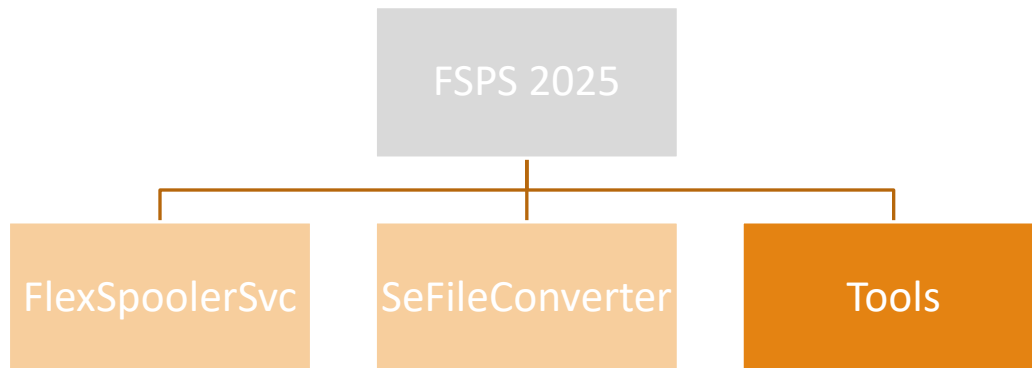
Components Overview



XProof

A Solid Edge automation program running on a designer's workstation or as action program that performs multiple checks on either the active Solid Edge document or all Solid Edge documents below a given directory, filtered by file type (each optionally recursive) and showing the results in a tabular format summarized in the user interface and / or in various log files and formats (.csv, .txt, .xls, .xlsx, .xml).

Components Overview



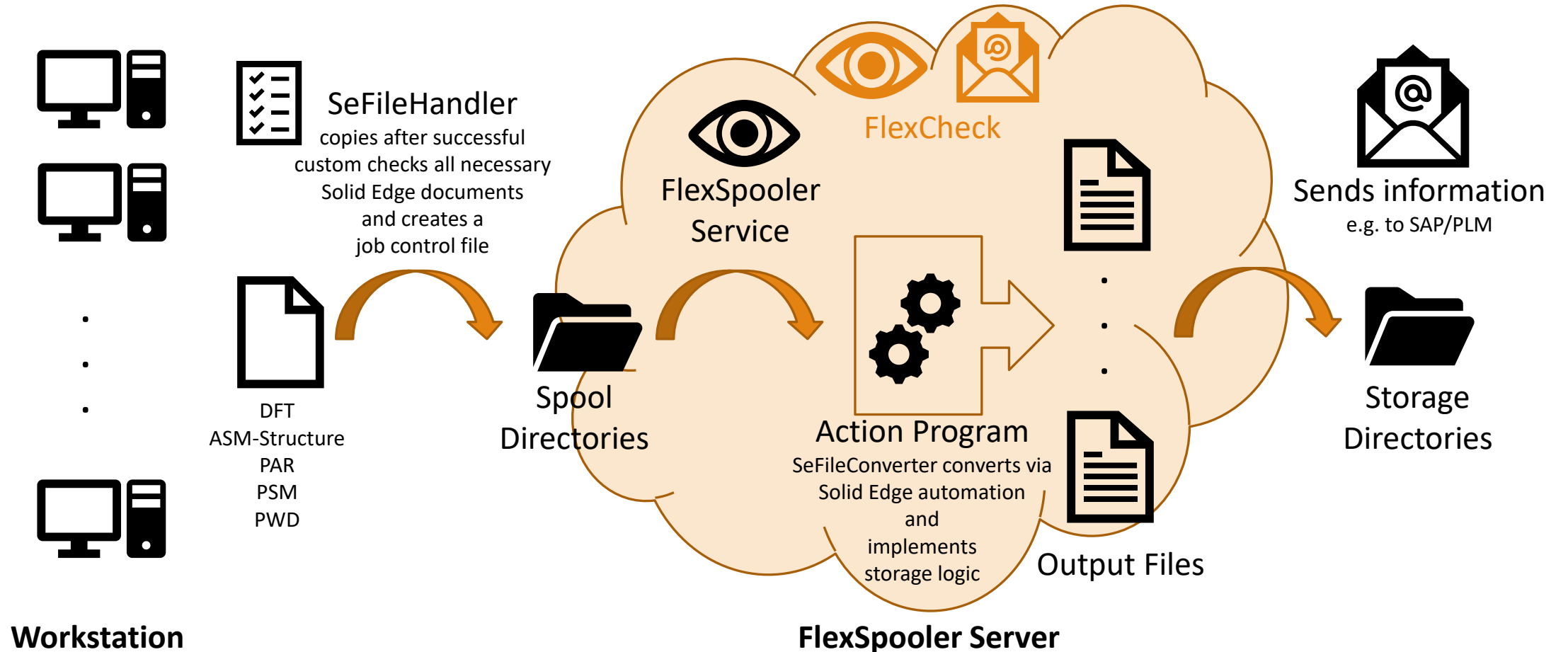
PLMS integration solutions

Solutions exist for Solid Edge Insight, Microsoft SharePoint, SAP PLM, SEAL Systems CAD conversion services and other Product Lifecycle Management Systems (PLMS):

- A SharePoint Event Handler solution for Solid Edge Insight or Microsoft SharePoint supports creating an unmanaged copy of a Solid Edge document or a job control file for the program SeFileConverter in a directory monitored by the FlexSpooler service.
- An e-mail and XML data file solution may provide file storage information including metadata to e.g. SAP PLM or other PLM systems.

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Sample Application Scenario 1



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Sample Application Scenario 2

