JDF imposition data flow

Business Link manages the JDF imposition data flow between the MIS and Prinergy to help ensure successfully resolved signatures and completed impositions. The following summary describes the general flow of data in an automated imposition workflow.
Note: Automated imposition support is enabled by default. This summary also includes notes about what to do if automated imposition was disabled for your site. (If you need to disable automated imposition, contact a technical representative.)

1. The MIS submits a job request (`SubmitQueueEntry`) that contains stripping parameters or a complete JDF layout.
2. Business Link extracts and copies the information to the Prinergy job's `\System\ImpositionPlans\Link` subfolder, organized into one JDF stripping file per imposition or job part, as defined by the MIS.
3. Business Link instructs the Prinergy ImportAll process template to pick up the files.
4. The ImportAll process template takes one of the following actions:
   - Imports and queues any stripping data for the Preps engine
   - Imports any full JDF layouts directly into the Prinergy job
     Note: If automated imposition is disabled, the Prinergy Workshop operator must manually import the raw JDF stripping files or layouts from the job's \System\ImpositionPlans\Link folder. For instructions, see the Prinergy Workshop user documentation.
5. If stripping data is queued for Preps:
   - The ImportAll process template applies its designated Preps profile to resolve the signatures and generate the imposition.
   - If Preps mark rules are defined, marks are automatically added. For details, see the Automation Support Topic in the Preps User Guide.
   - Based on the profile, Preps generates JDF output for the imposition. The device setting in the Import All process template is not used. The device is derived from the JDF.
6. Prinergy imports the completed imposition into the Prinergy job and sends the JDF Layout data to Business Link.
   Note: If automated imposition is disabled, the operator must manually import the imposition.
7. Business Link updates the MIS job's master JDF document and forwards the JDF Layout data to the MIS.

If the process is successful

- **Resolved signatures**: Whether automatically or manually generated, a signature is considered to be successfully resolved when its characteristics match the basic MIS-specified JDF stripping parameters as well as all optional JDF-resolve criteria that are currently enabled in the Preps profile.
- **Completed impositions**: An automated imposition is considered to be successfully completed when Business Link is able to completely resolve the outstanding MIS stripping requirements with the corresponding JDF Layout output data that it receives from Prinergy.

If the process fails
If an imposition fails to be imported into a job, typically due to a signature-matching workflow being unable to find a suitable template signature, you can manually complete the imposition.
Note: For related information and instructions, check the Contents of this guide.