

FDM Posting Engine Guide

Section 2 – Overview of the FDM Posting Engine

The Posting Engine is the primary mechanism for providing a semi-automated method for posting to Agresso with outputs from the FDM. This section of the guide provides an overview of how this mechanism operates.

Section 2.1 –Posting Engine Overview

The FDM Posting Engine provides a mechanism for posting transactions from various BAU processes and automated FDM processing that requires posting in Agresso.

Important considerations to be aware of with respect to using the Posting Engine are:

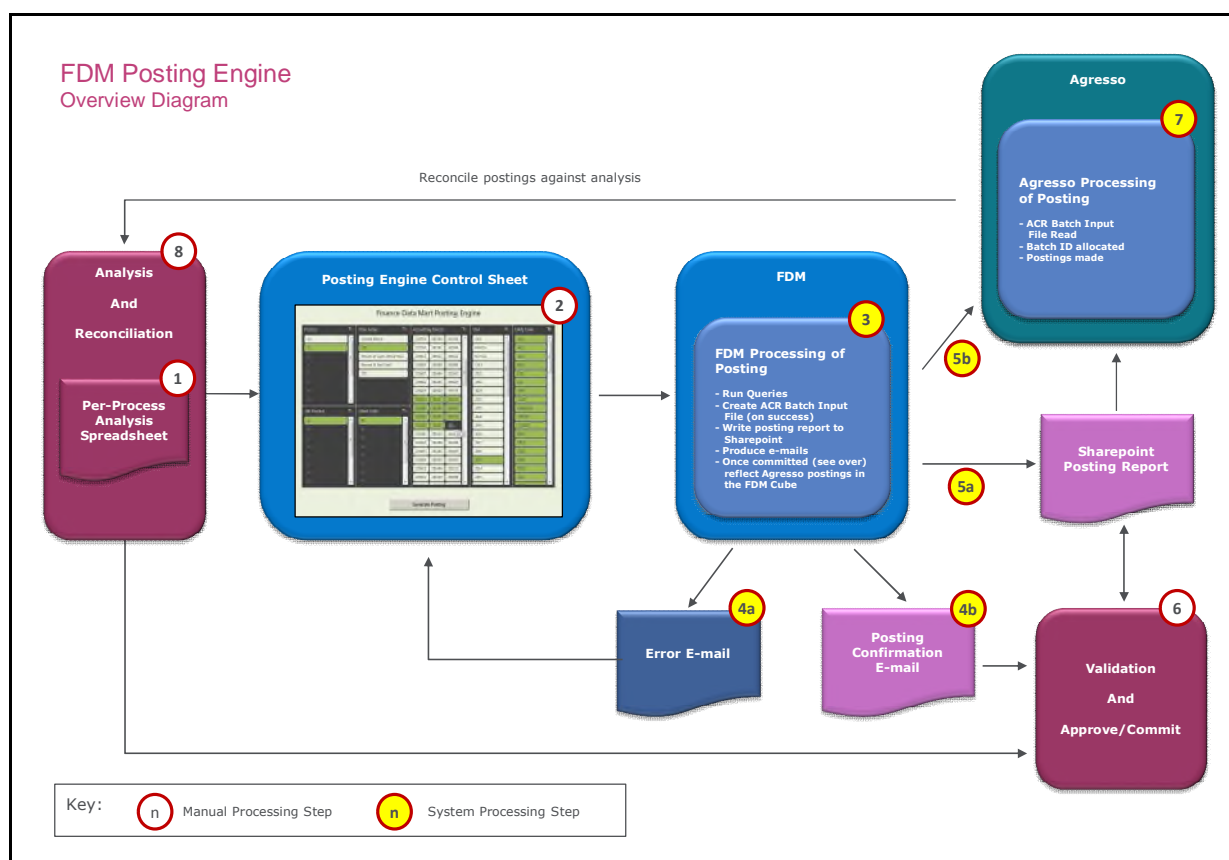
- Postings are from defined processes which have been developed in association with the FDM development team.
- Postings will not be made on an ad-hoc basis via the Posting Engine.
- The Posting Engine allows the controlled initiation of the posting process for each Posting process that is undertaken by BAU Finance teams.
- The Posting Engine will run appropriate queries based on the processes defined in the engine. All of this processing occurs on the FDM Server and will automatically create all outputs that will be posted into Agresso. It then also places these transactions into the ACR Batch Input table in Agresso for selection and approval of posting.
- Users will not need to create individual postings using this engine. The core functionality provides for a level of automation and approval for posting rather than requiring the manual creation and/or posting of transactions.

Utilising the above elements, the approach to posting using the standardised Posting Engine process provides a significantly better level of control over Agresso postings, including:

- Standardised identification of the process that initiated the posting of transactions. The definition of identifiers for each posting process has been agreed and aligned with Agresso and each BAU Finance team to ensure that any postings are easily identified and tracked.
- Postings can only be performed by authorised individuals.
- FDM initiated postings will be made completely once initiated and there is no capability of editing/changing the postings between creation and posting on Agresso.
- Audit trails are robust and maintained.

Section 2.2 – Posting Engine Diagram

The Posting Engine is outlined in the diagram below:



The process at a high level incorporates the following steps:

| Step Number | Action | Owner |
|-------------|---|------------------------------|
| 1 | Perform analysis for posting. This will generally be completed with a standardised Analysis and Reconciliation spreadsheet which was created by the BAU Finance Team when the process was integrated into FDM | BAU Finance Team |
| 2 | Initiate the posting process by updating the Posting Engine Control Sheet. This will identify the Process, Sub-process and any relevant selections for the posting | BAU Finance Team |
| 3 | FDM will run underlying posting queries and produce outputs. These will be either (a) an error E-mail (see 4a) or (b) a confirmation e-mail (see 4b). If a confirmation e-mail is sent, the FDM will also create the ACR Batch Input entry in Agresso, and the Posting Report in Sharepoint | Automated FDM processing |
| 4a | Step 3 will produce an error E-mail if FDM identifies unbalanced postings in queries | Automated FDM processing |
| 4b | Step 3 will produced a confirmation E-mail if the FDM identifies that fully balanced posting in queries were created | Automated FDM processing |
| 5a | Step 3 will produce the ACR Batch Input entries in Agresso if a confirmation e-mail has been produced | Automated FDM processing |
| 5b | Step 3 will produce the Posting Report in Sharepoint | Automated FDM processing |
| 6 | Validation of the created journals should be performed via comparison to the Analysis spreadsheet. Approval for posting can then be provided | BAU Finance Team |
| 7 | Posting is performed in Agresso | Automated Agresso processing |
| 8 | Reconciliation can be performed via comparison to the Analysis spreadsheet once the realtime posting of Agresso transactions has been reflected in the FDM Cube (generally 5-10 minutes after Agresso posting) | BAU Finance Team |