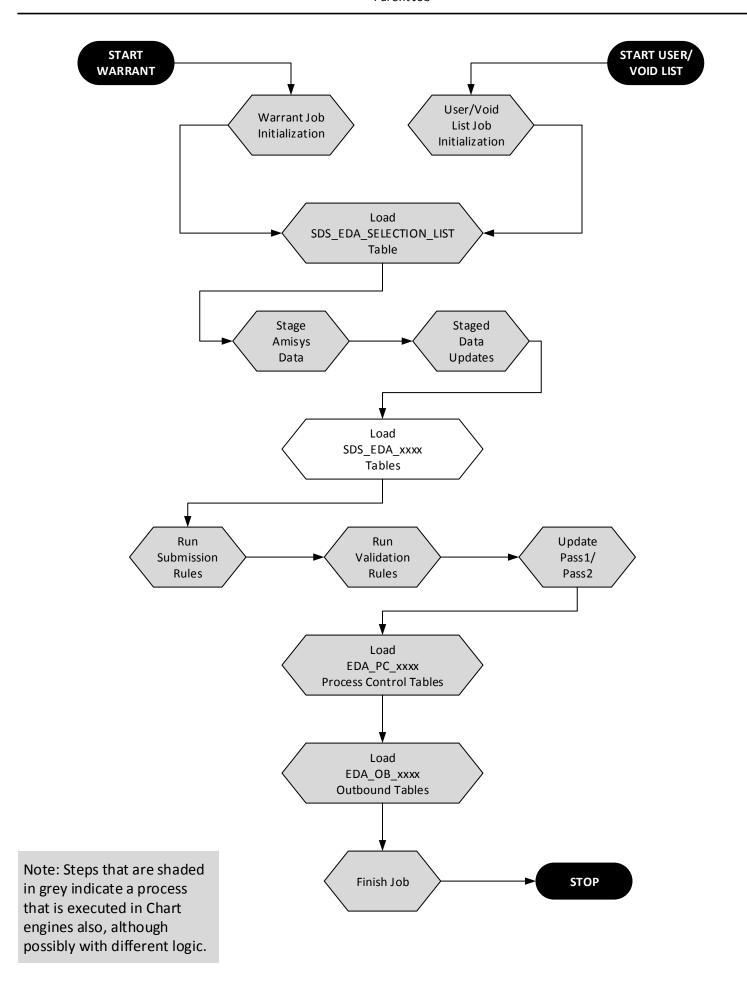
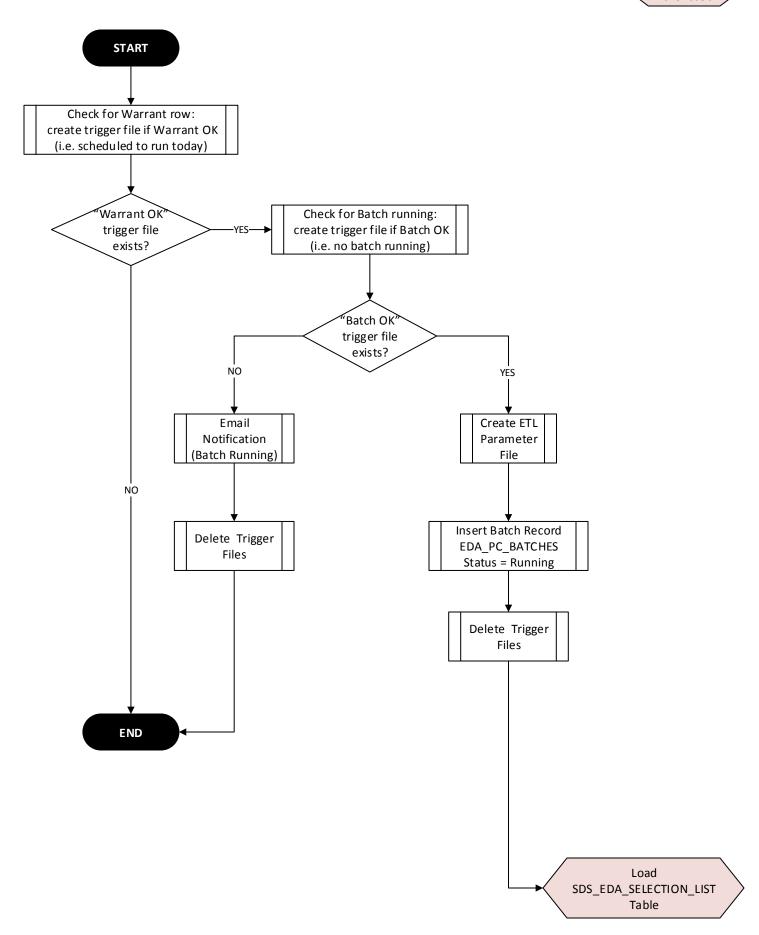
Parent Job

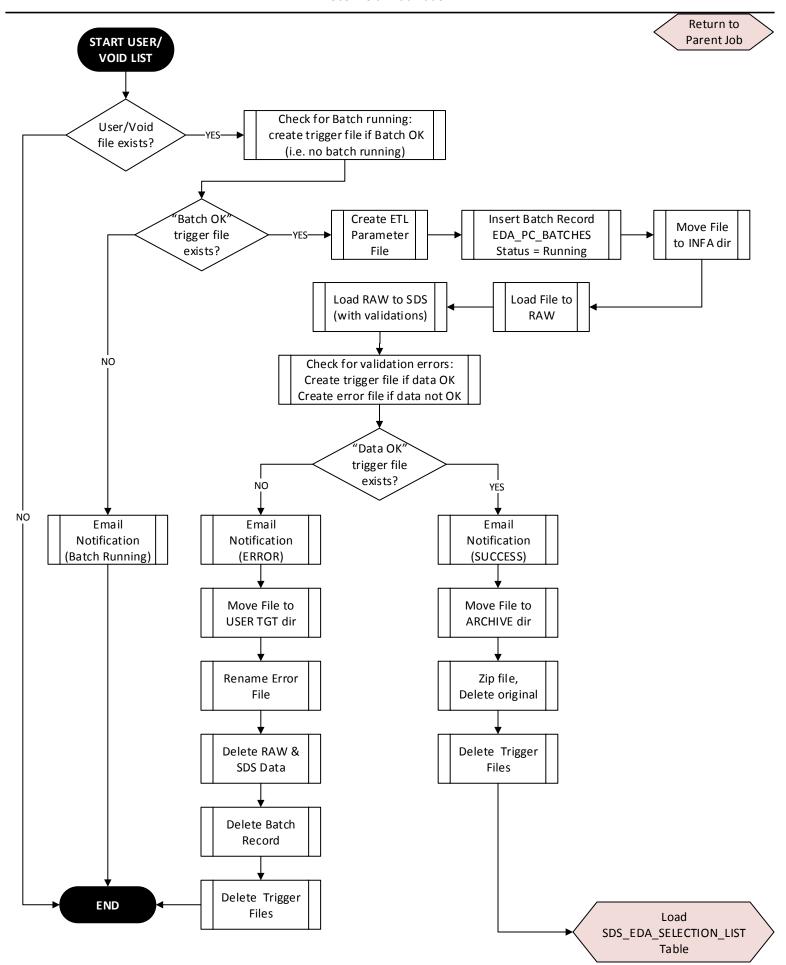


Warrant Initialization

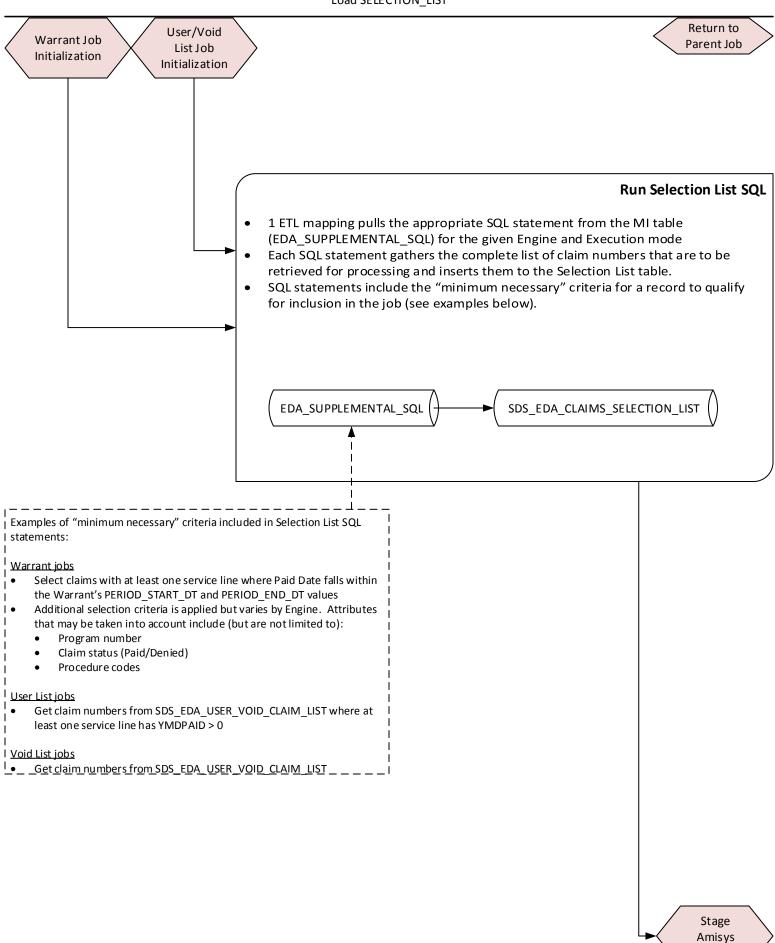
Return to Parent Job



User Void Initialization

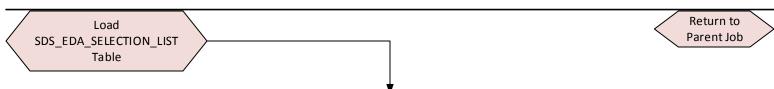


Load SELECTION_LIST



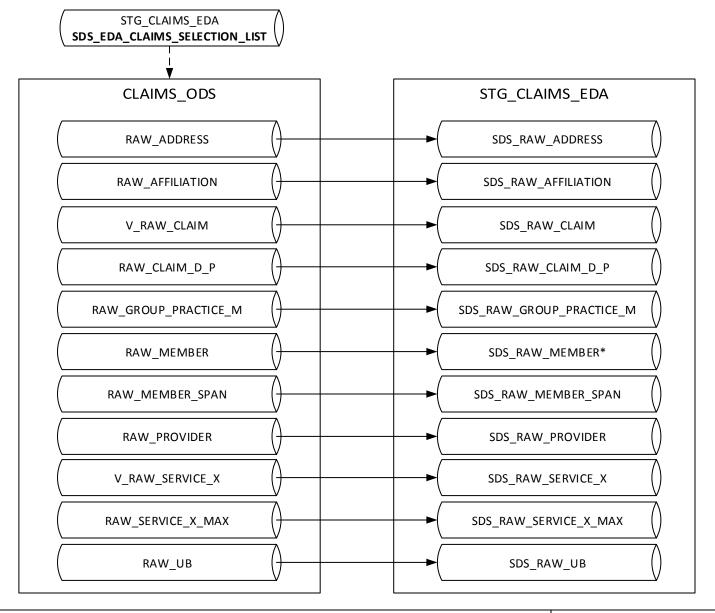
Data

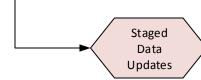
Stage Amisys Data



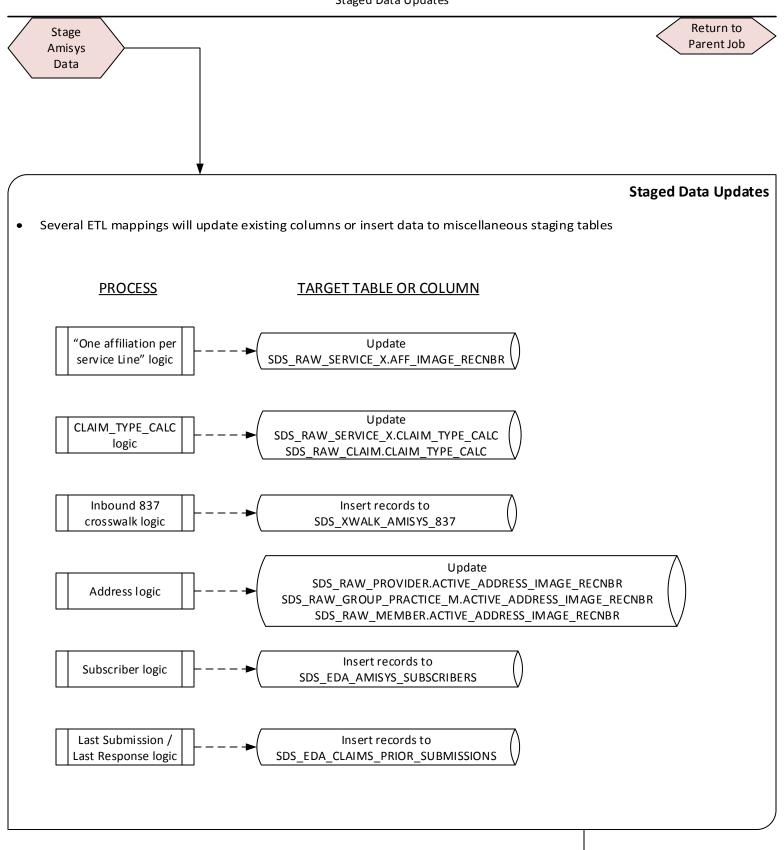
Stage the Amisys data

- A set of ETL mappings retrieves Amisys data from tables in the CLAIMS_ODS database and loads it to the corresponding SDS_RAW_xxxx table
- Claims and Services records are loaded first and are based on Claim Numbers in SDS EDA CLAIMS SELECTION LIST
- Most other tables are loaded based on data in SDS_RAW_CLAIM (drives Claim DP and UB) or SDS_RAW_SERVICE_X (drives Affiliations, Providers and Group Practice)
- When the logic to load a given SDS_RAW table is different between engines, the table load will be driven by a SQL statement that resides in the CLAIMS_EDA_MI..EDA_SUPPLEMENTAL_SQL table





Staged Data Updates

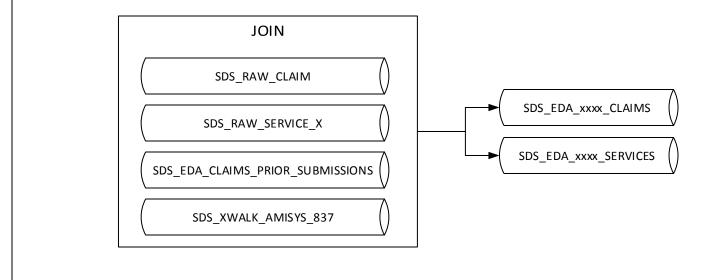


Load
SDS_EDA_CLAIMS
Table

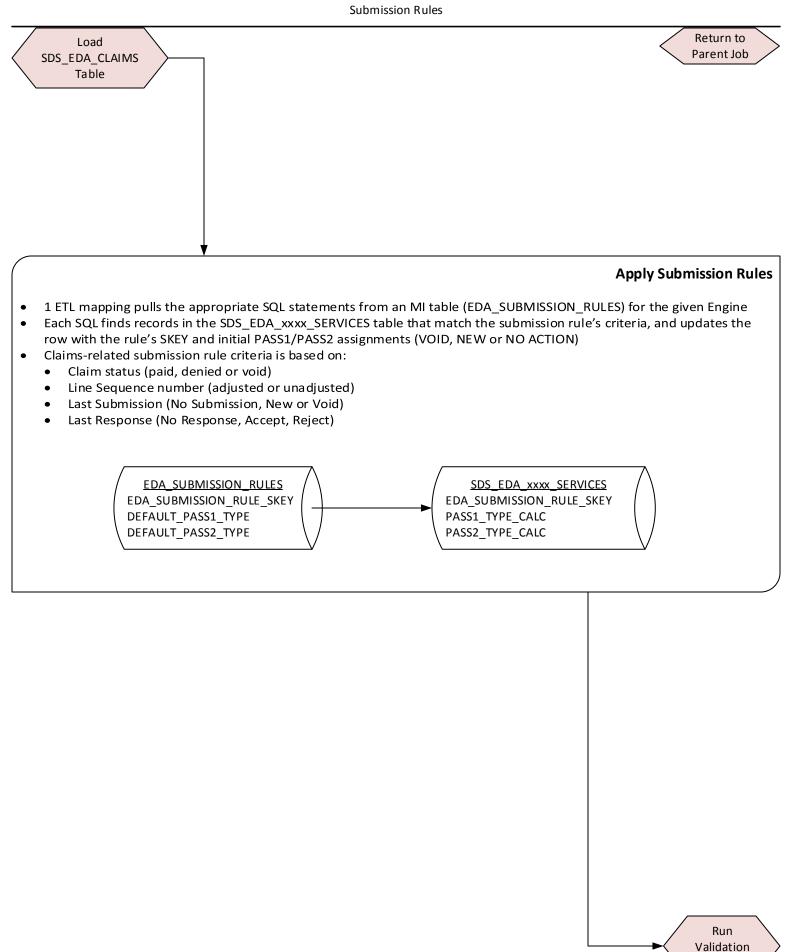
Load SDS_EDA_ Tables



- ETL mappings join the appropriate SDS_RAW Claim and Services tables to other staging tables and insert the results to the correct SDS_EDA_xxxx_CLAIMS or SDS_EDA_xxxx_SERVICES tables:
 - Amisys data is inserted to SDS_EDA_AMISYS_CLAIMS and SDS_EDA_AMISYS_SERVICES
 - In the future, Healthrules data will be inserted to SDS_EDA_HR_CLAIMS and SDS_EDA_HR_SERVICES
- The SDS EDA Claims and Services tables:
 - Are the "last stop" staging tables that gather all data needed prior to creating the final submission records in the process control tables
 - Contain the complete set of Claims and Services attributes that are needed for eventual data archival

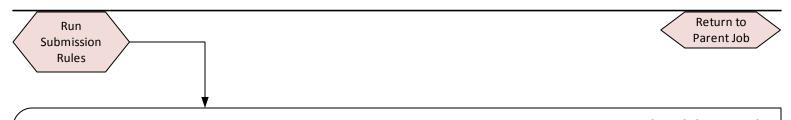


Run Submission Rules



Rules

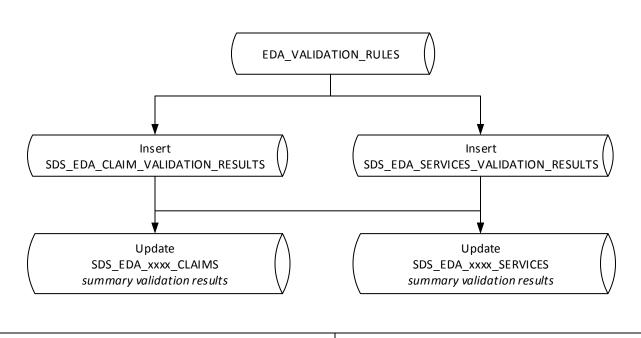
Validation Rules



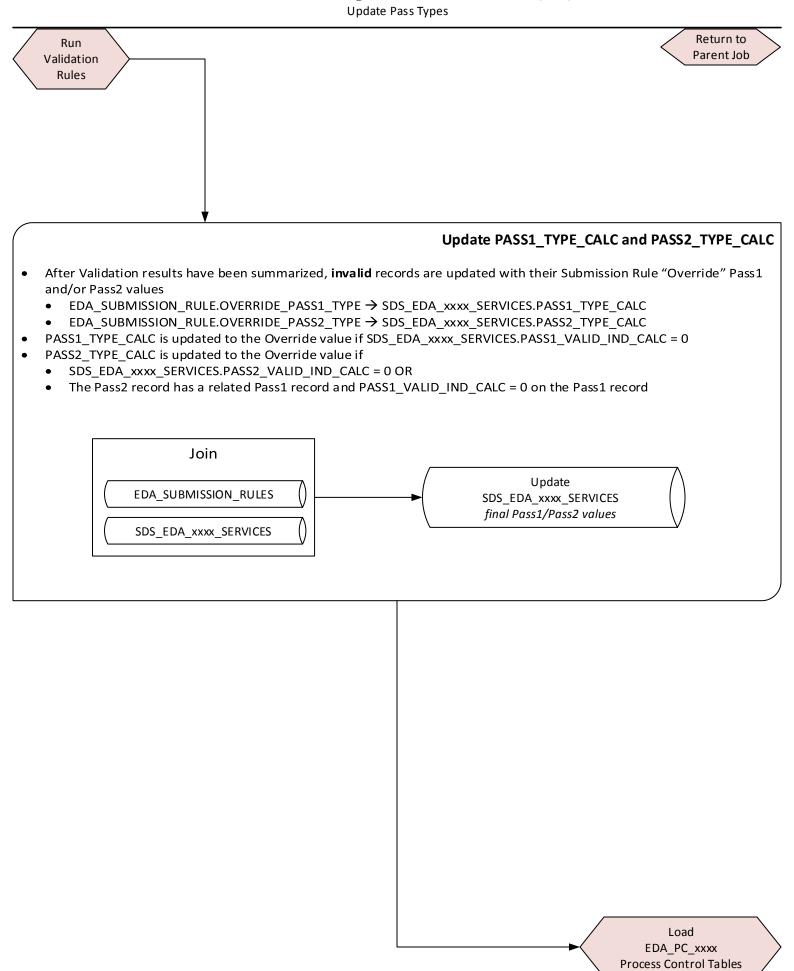
Apply Validation Rules

- 1 ETL mapping pulls the appropriate SQL statements from an MI table (EDA_VALIDATION_RULES) for the given Engine
- Each SQL finds records in SDS_EDA_xxxx_CLAIMS or SDS_EDA_xxxx_SERVICES matching the validation rule's criteria, and inserts records to the appropriate Validation Results table:
 - Rules that evaluate claim-level attributes send rows to SDS_EDA_CLAIMS_VALIDATION_RESULTS
 - Rules that evaluate service line-level attributes send rows to SDS_EDA_SERVICES_VALIDATION_RESULTS
- After all Validation Rule SQL statements have been run, separate ETL mappings update summary validation columns in SDS EDA xxxx SERVICES:
 - PASS1_VALID_IND reflects pass1 validation results for the individual line
 - PASS1_VALID_IND_CALC reflects the net effect of all pass1 validation results returned by the parent claim and/or
 any of the claim's service lines
 - PASS2 VALID IND reflects pass2 validation results for the individual line
 - PASS2_VALID_IND_CALC reflects the net effect of all pass2 validation results returned by the parent claim and/or any of the claim's service lines
- Summary validation results are also populated in SDS_EDA_xxxx_CLAIMS:
 - PASS1 VALID IND (set to 0 when none of the claim's service lines are valid for pass1)
 - PASS2_VALID_IND (set to 0 when none of the claim's service lines are valid for pass2
 - VALIDATION_REJECT_CNT_CLAIM (count of claim validation result records where the rule's RESULT_ACTION =
 REJECT)

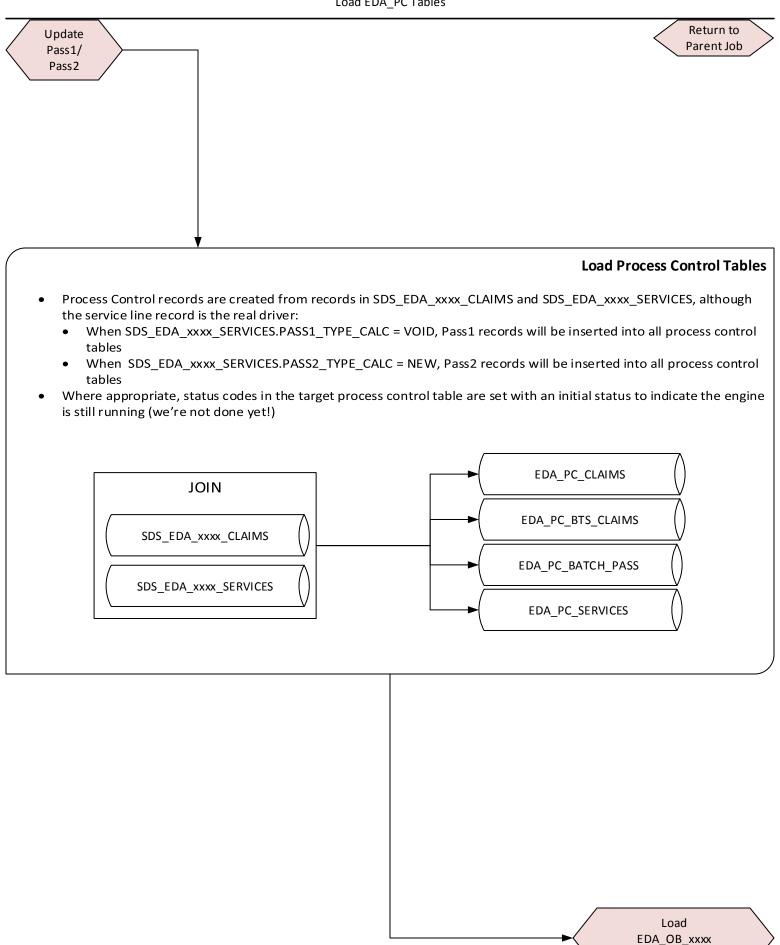
 - VALIDATION_REPORT_CNT_CLAIM (count of claim validation result records where the rule's RESULT_ACTION = REPORT)
 - VALIDATION_REPORT_CNT_SERV (count of service validation result records where the rule's RESULT_ACTION = REPORT)



Update Pass 1/ Pass 2

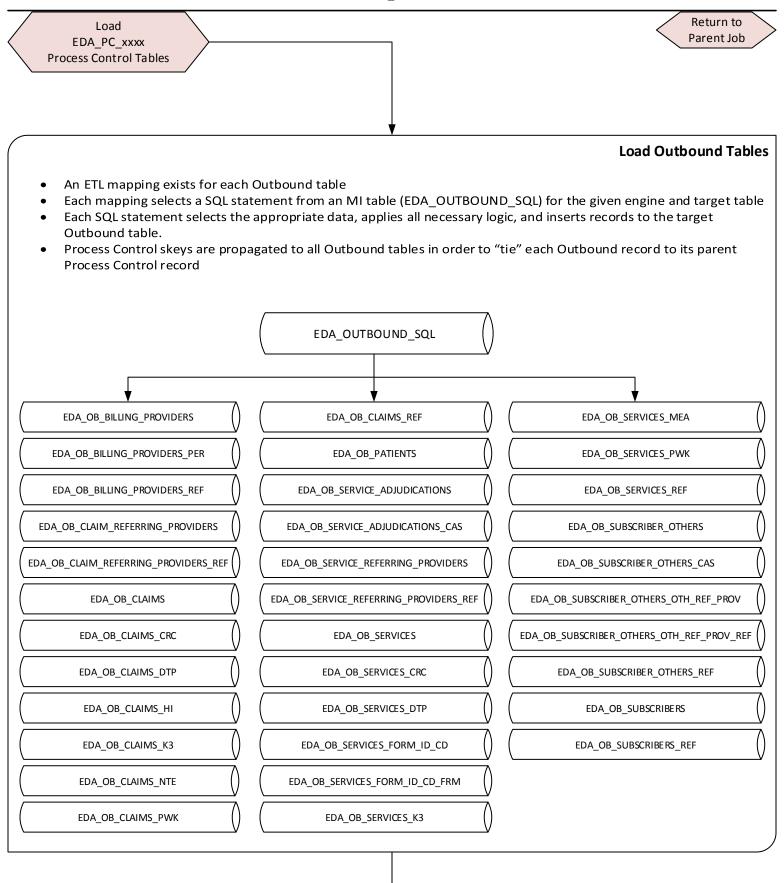


Load EDA_PC Tables



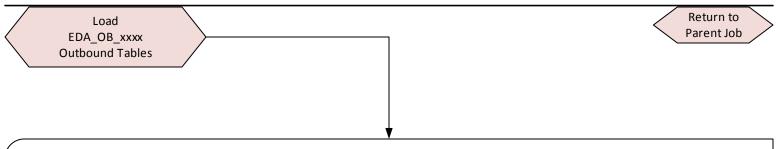
Outbound Tables

Load EDA_OB Tables



Finish Job

Finish Job



Finish the Job

Several "wrap up" steps are executed to finish the job:

- Update status code in EDA_PC_BATCH_PASS to release Pass1 to Biztalk (unless the job is related to an "ERROR" list)
- Update ETL Output parameters:
 - update "max skey" values to assist with job failure recovery in the next job run
 - increment the batch number for the next job run
- Update status code in EDA_PC_BATCHES to indicate the engine is finished
- Send final end-user email notifications

