**3.3.1 Legacy Bridge High-Level Workflow**

**Trigger Tables**

PS\_ZHRT\_INTTRIGGER trigger table contains:

* SEQ\_NBR – Gets incremented by 1, through the proc GetSequenceNumber
* OPRID – Oprid of the Employee whose data is being sent
* EMPLID – PeopleSoft Employee ID of the Employee whose data is being sent
* EFFDT – Effective date of the changes
* EFFSEQ – Effective sequence for the changes (if any)
* PROC\_NAME - Procedure Name field helps to understand what changes are made to the Employee and which library needs to be invoked to send the data to the Legacy System.
* TASK\_FLAG – Values C complete, P pending, E error, and Z

ZHRT\_ALTTRIGGER trigger table contains:

* SEQUENCE – PSID index
* OPRID – EID of employee doing hire/rehire
* EMPLID – PeopleSoft Employee ID
* PROC\_NAME

**Monitor Events**

* //Get New Trigger Data from PS\_ZHRT\_INTTRIGGER where TASK\_FLAG = 'P' and EFFDT <= Today or PROC\_NAME='ZHRI101A' or PROC\_NAME='ZHRI106A'
* //Check-If-Contractor
* //Insure the new hire and rehire appear before the other changes even if they don't show up first in the sequence; proc\_name in ('ZHRI101A', 'ZHRI106A')

**Create Metadata**

* Trigger Source
* Event Type
* Process Type
* Process Name
* Error Type
* Error Message
* Hire Rehire Flag
* Completion Status

**Import Data from Source**

* AD-Get-Job-Data
* AD-Get-Job-Description
* AD-Get-EmplStatus-Description
* AD-Get-JobStart-Date
* AD-Get-Pers-Data-Effdt
* AD-Get-NameSuffix
* AD-Get-Country-Code
* AD-Get-Business-Phone
* AD-Get-Employee-Fax
* AD-Get-LegSuperviorID
* AD-Get-Employment-Data
* AD-Get-Names

**PS Tables**

* PSLocation = PS\_JOB.LOCATION
* PSFullPartTime = PS\_JOB.FULL\_PART\_TIME
* PSEmplClass = PS\_JOB.EMPL\_CLASS
* PSEmplStatus = PS\_JOB.EMPL\_STATUS
* PSDeptid = PS\_JOB.DEPTID
* PSJobcode = PS\_JOB.JOBCODE
* PSJobDescription = PS\_JOBCODE\_TBL.DESCR
* ADEmplStatusDescr = PSXLATITEM.XLATLONGNAME
* PSEmplstatus = PSXLATITEM. EMPL\_STATUS
* PSJobStartdt = PS\_JOB.EFFDT
* ADPSLastName = PS\_NAMES.Last\_Name where NAME\_TYPE = 'PRI'
* ADPSFirstName = PS\_NAMES.First\_Name where NAME\_TYPE = 'PRI'
* ADPSMiddleName = PS\_NAMES.Middle\_Name where NAME\_TYPE = 'PRI'
* ADNameSuffix = PS\_NAMES.Name\_Suffix where NAME\_TYPE = 'PRI'
* PSLoc\_Country = PS\_LOCATION\_TBL.COUNTRY
* PSBusiness\_Phone = PS\_Personal\_Phone.Phone where Phone\_Type = 'BUSN'
* ADEmployeeFax = PS\_Personal\_Phone.Phone where Phone\_Type = 'FAX'
* ADLegSupervisorID = PS\_ZHRT\_EMPID\_CREF.ZHRF\_LEG\_EMPL\_ID
* PSHiredt = PS\_Employment.HIRE\_DT
* PSRehiredt = PS\_Employment.REHIRE\_DT
* PSTerminationdt = PS\_Employment.TERMINATION\_DT
* ADSupervisorID = PS\_Employment.SUPERVISOR\_ID
* PSPrfName = PS\_Names .First\_Name where NAME\_TYPE = 'PRF'

**Standardize Event Data**

* Action Code (H=Hire, C=Change, T=Termination)
* Legacy Employee Id
* Employee Id
* First Name
* Last Name
* Preferred Name
* Name Suffix Text
* HR Location
* Department ID
* Job Title Code
* Job Title Description
* Work Status
* Employee Status Description
* Hire Date / Rehire Date
* Termination Date
* Current Job Start Date
* Full/Part Time Flag (F OR P)
* Employee Class
* Business Phone Number
* Fax Number
* Supervisor ID
* Leg Supervisor ID
* Country Code
* Language Preference

**Route Event to Exporter**

* Check-If-Correct102A - Checks to see if 102A process has JOB row
* Check-Effdt-Transaction
* Build-Active-Dir-Output-File
* Write-Active-Dir-Output-File

**Export Data**

**3.3.2 High-Level Overview of Event Monitor**

**Scan Trigger Tables**

**Add Metadata for Event Source**

**Add Event to Job List**

**Check for EID Process**

**3.3.3 High-Level Overview of the Data Importer / Data Transformation Process**

**Data Importer – Get New Record from PS Tables**

**Create New Internal HR Record**

**Transform Data to Internal Format**

**Update Metadata**

**3.4 High-Level Overview of the Export Service**

**Read Metadata**

**Call REXEC AS/400 Employee Procedure**

* ZHRI101A – Hire Process
* ZHRI102A – Termination
* ZHRI104A – Job Profile Changes
* ZHRI105A – Demographics Changes
* ZHRI106A – Rehire
* ZHRI107A – Dates – Employment Review, Accomplishment and Contract Data changes
* ZHRI109A – Group Transfers
* ZHRI101D – A row deleted in Hire Process
* ZHRI102D – A row deleted in Term Process
* ZHRI104D – A row deleted in Job Profile
* ZHRI105D – A row deleted in Demographics
* ZHRI106D – A row deleted in Rehire
* ZHRI107D – A row deleted in Employment Review, Accomplishment and Contract Data changes
* ZHRI109D – A row deleted in Group Transfers

**Call REXEC AS/400 Temp Mast Procedure**

* ZHRI201A - Contingent Employee and Multiple EID New Hire
* ZHRI202A - Contingent Employee and Multiple EID Terminate
* ZHRI205A - Contingent Employee and Multiple EID Demographic Change
* ZHRI206A - Contingent Employee and Multiple EID Rehire

**Update Status in Event Monitor**

**Notify OPS Unsupported Event Detected**