**DWH Deployment**

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| System test release  Date: 28/3/2017  Prepared by: Ian Meade |

**Pre-requisites**

* Deployment pack required
  + Includes:
    - TSQL scripts
    - SSIS deployment package
    - Sample folder structure
      * Sample files included
    - Xt\_ODS backup supplied by DEV
* Server is suitable
  + Refer to other document << XXXX >>
* SQL Agent Job has access to file folders etc…
* User has SA rights

**Deploy databases:**

* Using SSMS
* Open and run the following T\_SQL scripts
  + 01 Create new DBs.sql
  + 02 DWH.sql
  + 03 MDM.sql
  + 04 ProcessControl.sql
  + 05 Staging.sql
  + 06 T7\_ODS.sql
  + 07 XT\_ODS.sql
  + 08 ProcessControl Data.sql
  + 09 MDM Data .sql

**Deploy SSIS packages**

* Using windows explorer, double click on ETL.ispac file
* Integration Deployment Wizard will open
* Introduction page
  + Click next
* Select Source page
  + Accept defaults on this page
  + Click next
  + **Note:** Ignore the warning about XML encryption if it appears
* Select Destination
  + Server name: enter name of target server .
  + Path:
    - Use browse button to select target folder.
    - Create a new folder is required
    - Set value to /SSISDB/EQ1/ETL
      * << used during dev >>
  + Click next
* Review
  + Click Deploy
* Results
  + Click Close

**Configure connection strings**

* Using SSMS
* Open and run the following T\_SQL scripts
  + 10 SSIS Configuration - T7-SYS-DW-01.sql

**Note:**

This is a new step

This script varies for each target server - ensure the correct versions is used

Do not deply agent jobs – create manually

**Create SQL Agent Jobs**

* Using SSMS
* Open and run the following T\_SQL scripts
  + 10 AGENT JOB - Clear DWH.sql
  + 11 AGENT JOB - Main ETL.sql
  + 12 AGENT JOB - MDM Refresh.sql
* Review SQL Agent Service Account
  + Proxy / domain account needed
  + Using “ianm” in T7-DDT-06

**Source file structure**

* Ensure the input folder structure exists
  + This structure exists in the release folder.
* The following is used in dev
  + C:\dwh\Files\Archive
  + C:\dwh\Files\Process
  + C:\dwh\Files\Reject
  + C:\dwh\Files\Sample files
  + C:\dwh\Files\Source