
Insight Release Notes

Insight Enterprise v95



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1 Introduction

The document provides a summary of changes that have taken place between this release v95 compared with prior release v94.

2 Functionality

This release contains functional enhancements as summarized below.

2.1 Policy Survival Application

- Introduction of a new "Policy Survival" application for studies of a cohort of contracts and its survival rate over time from its policy issued date to termination date.
- The application calculates a right-censored and left-truncated survival curve for a defined range of issue dates and study dates and any defined policy termination reason at month, quarter and year level. Confidence intervals are calculated using Greenwood's formula.
- The corresponding Policy Persistency application has been discontinued.

2.2 Additional fields for "Policy" dimension

Additional 20 versioned user defined attributes have been added to the "Policy" dimension.

2.3 Additional fields for "Pol Adm System" dimension

Additional 4 user defined attributes have been added to the "Pol Adm System" dimension.

2.4 Policy Termination Aggregate cube (proof of concept)

An aggregated Policy Termination cube has been introduced as a proof-of-concept. Two applications, "Policy Termination Agg" and "Policy Termination Rptd Agg" are added. To facilitate query improvement, the Policy level and CoverageIDs were removed and Date and Duration at the year level. New iwConfig load parameters were added to facilitate the independent loading of the base and aggregate Policy Termination cubes.

2.5 Load Controller

- Identifies the "Active" instance connection based on the Active instance table in the iwMaster database.
- Added a "Source Status" tab to dynamically audit the Source database tables for load date ranges and record counts by table and Pol Adm system.
- The job execution progress window now monitors load performance at the more detailed SSIS package level rather than the job step level.
- Introduced a new tab "insight History" to capture package level processing times of the Active instance.

2.6 Claim Payment % Adjustment for Claim Studies

- An additional field in Clm.srcClaim.srcClaimPymtPercent have been added which adjusts the Contract Benefit amounts used in the Claim studies.
- For Claim Incidence study, the Benefit Events are adjusted by the Payment Percent field.
- For Claim Termination study, the Claim Benefit Year (Exposure), Benefit Events, and Benefit Expd Events are adjusted by the Payment Percent field.

3 Performance and Design

3.1 IBNR Adjusted Calculations

- Restructured the existing IBNR adjusted calculations in both Policy Termination Rptd and Claim Incidence Rptd applications.
- Calculations have moved from the aggregate cube layer to the seriatim coverage level in the DW, with separate views created for the adjusted results and independent from the unadjusted base views.
- There are 4 new configuration parameters to configure the load for either (or both) the base or adjusted expected calculations.

3.2 New "iwMaster" database

- Introduction of a server level database, called "iwMaster", to identify the "active" instance (dbo.ActiveDB) and all IE instances (dbo.iwInstances) on the server.
- All packages have been re-structured to read the "active" IE instance from the table dbo.ActiveDB in the iwMaster database.
- A new configuration file, called "iwMaster.dtsConfig" will replace the previous file "PckgConfig_SystemDB.dts.Config".
- To change "active" IE instance, a simple update of the dbo.ActiveDB table replaces the manual update of the package configuration file. 2 Stored procedures have been added to check and to update the active instance.
- The changing of "active" instances now requires permission only at the database level without requiring permissions to the file folder.

3.3 Job Steps/Package LoadType re-structured

- The LoadType parameter values of primary load and secondary (reload) jobs have been re-defined to include cube processing, previously defined as a separate job step.
- This revised structure allows greater flexibility to enable/disable the cube processing process through the system table dbo.SSISPackagesForLoadType.

3.4 System Status Audit Job

- Introduced an Audit job to capture the details of the server and database environment status.

- Clients would run the job (iwGenerateEnvStats) and provide results to Insight as part of the request for support.