

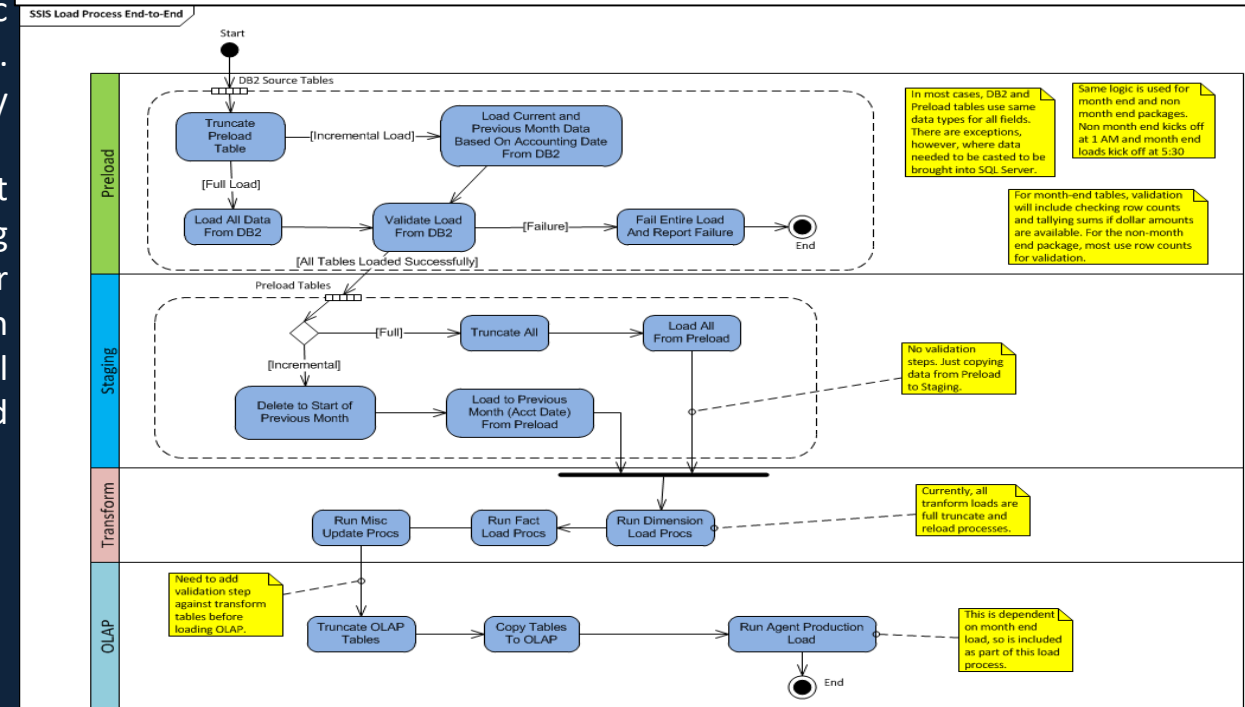
Analytical Data Warehouse

Leading P&C, Warranty And Surety insurance company in US

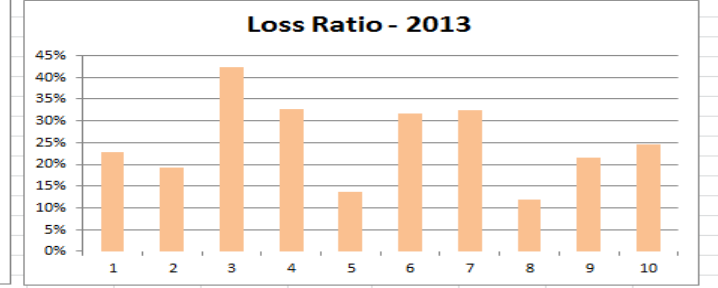
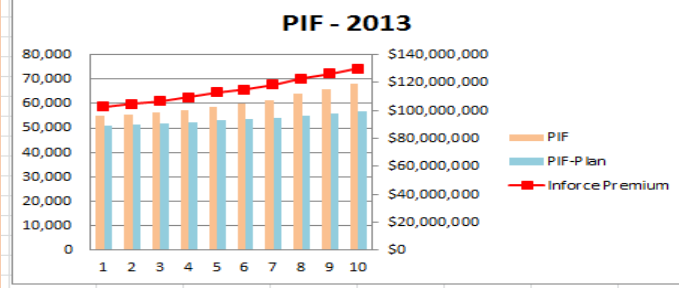
PROBLEM STATEMENT

The client organization had an organic and inorganic growth in the different verticals, although the P&C Insurance Vertical had dependent upon organic growth. They became the nation largest carrier for National flood insurance. The Insurance and Warranty source applications were built on legacy platforms using the DB2 database on AS400 platform. It was a business need to have a **centralize enterprise data warehouse** that would facilitate in analyzing the information which would help in supporting decisions, give more meaningful insight of data, analyze historical trends over different time period and make accurate future predictions. Ability to fetch key performance metrics for all 14 line of business in few seconds above all warehouse should have a single version of truth. Move away from canned reporting to self-service reporting.

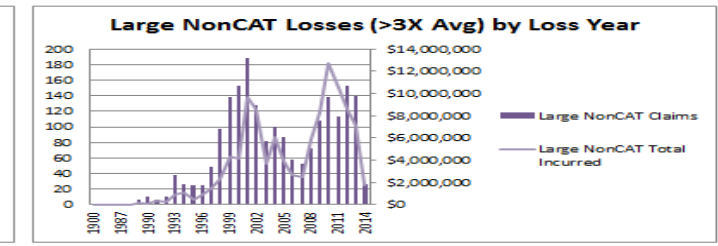
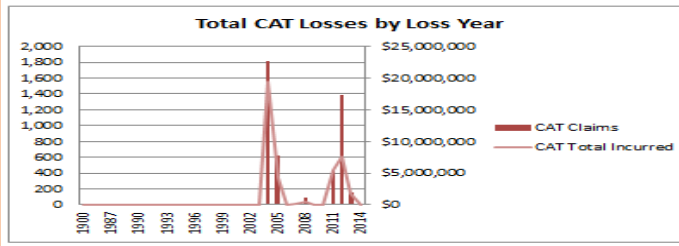
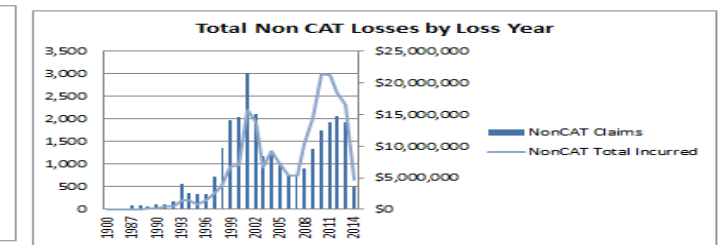
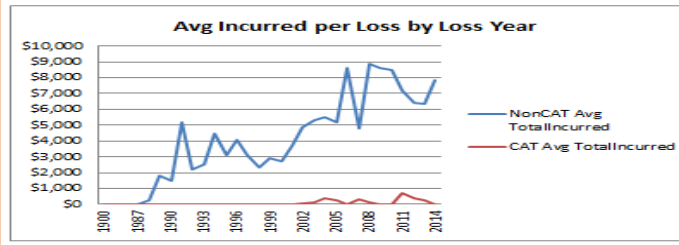
Homeowners	Dwelling Fire	Federal Flood	Excess Flood	Commercial – Office	Commercial – StoreFront
Commercial – Lessors	Commercial – HOA	Commercial – Mobile Home Park	Commercial – Habitational	Renters	Contract Surety
Warranty	Bail Bond	Builders Warranty	Workers Compensation		



SOLUTION



- Built data warehouse system from scratch
- Multiple data sources.
 - Insurance Vertical – DB2 on AS400 policy Admin System
 - Warranty Vertical – DB2 on AS400
 - Surety and DHR – SQL Server 2012
 - Lawson Accounting – SQL Server 2008 R2
 - Van Wageningen – Access, Excel and Flat files
 - Call Center Performance Management -- CCMS (Nortel Call Center Management Server)
- SSIS 2014 for ETL, SQL Server 2014 for database. Power BI Desktop, Excel, Excel Power Pivot, Cognos Query Studio for Self Service BI, Cognos Report Studio for canned reports



BUSINESS OUTCOME



- Premium Analysis: Earned, Unearned Premium, Lob
- Claim: Claim performance, Loss Ratio
- Agent: Agent performance, Profitability
- Others: Surety, Warranty, Revenue Analytics