

# SOLUTION FOR DATA WAREHOUSE MANAGEMENT SYSTEM



- Data warehouse Management
- Facility for users to generate various reports
- Decision support system
- Compliance Reporting
- Report generation and management

## Case Study

### System used by Argo Limited

Client – NasdaqGS: AGII listed Insurance Group with offerings in Specialty Insurance.

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## Case Study – For ARGO

### Problem Statement

Our client grew inorganically and acquired several businesses and as result inherited multiple applications and databases that were required to be maintained by their IT department. They required a solution to:

- a. Create a single database to which data from all business units get fed.
- b. Design a solution to eliminate dependency on multiple databases and have a single DWH for further processing.
- c. To get rid of several data file format like SQL, oracle, flat files which acquired business units were having.
- d. Design a solution to minimize the tedious maintenance job of several databases.
- e. Develop a solution to generate reports from single DWH.
- f. Develop a solution to send data to URS (Unisure Reinsurance System) & GL (General Ledger).

### Solution

PMAM built a successful solution that in the beginning seemed complex but feasible project. To simplify the process, PMAM broke the whole workflow into six steps,

1. Identify all required structures/tables of all acquired business units.
2. Develop a new structure to have de-normalized data from all business units.
3. Developed the ETL statements for fetching & feeding the data from all business units to Argo DWH.
4. Develop decision making reports for senior management.
5. Develop reports to identify Claims Analyst's proficiencies.
6. Develop a solution to help create several critical reports like KPI, earning, claims activity etc.

PMAM developed an automated solution for the client which reduced lots of manual efforts. Under the suggested system users were given the ability to generate several decision making reports as required. The solution provided help to senior management to understand the business progress and to initiate decisions proactively.

The main features of the solution are;

- Easy to use reporting solution for senior management that would bring up information by analyzing complex underlying data structures.
- Provide a reporting solution to Underwriters to generate decision making reports before issuing any policy.
- Reports available for senior management to evaluate the proficiency of Claims analysts & agencies.
- KPI dashboard available to senior management with consolidated reports for all business units.
- One Single solution to analyze information from various business units.

## Advantage

- Client was able to minimize efforts required to manage the tedious job of fetching data from multiple databases
- Solution provided eliminated the effort and cost of upgradation of several databases.
- Integrated information available stored in disparate databases was made available for quick analysis so that right decisions could be made with ease.
- Reduced response time and operational costs.

**“Say What You Do, Do What You Say”**

## **SOLUTION FOR DATA WAREHOUSE MANAGEMENT SYSTEM**

PMAM developed an automated solution for ARGO limited where-in it focused on identifying all required structures/tables of all acquired business units, developing a new structure to have de-normalized data from all business units and developing ETL statements for fetching & feeding the data from all business units to Argo DWH.

