

FROM DELAYS TO EFFICIENCY: HOW AHANA STREAMLINED DATA MANAGEMENT FOR A LEADING INSURANCE COMPANY'S NEW PRODUCT





Effective data management is crucial for organizations to maintain accuracy and efficiency in their operations. For the insurance industry, where vast amounts of data are handled daily, streamlined data processing and accurate reporting are vital for decision-making and customer satisfaction. Addressing these challenges requires innovative solutions that can handle high data volumes and ensure reliability and precision.

This case study explores how Ahana provided a robust data warehousing solution for a leading insurance company, significantly enhancing their data management capabilities.

Client Profile:

Our client is one of India's leading insurers, offering a comprehensive range of insurance plans.

Challenges:

Our client faced significant obstacles in managing data for their new insurance product. Integrating data into the existing warehouse proved challenging, particularly in segregating data product-wise. Additionally, the substantial volume of data resulted in delays in report delivery and presented difficulties in reconciling with the data source, impacting the ability to restart the code effectively. These challenges not only affected operational efficiency but also risked data accuracy and reliability, critical components in the insurance industry.

Ahana's Solution:

Ahana conducted a comprehensive system analysis and recommended a tailored solution architecture to address these issues. The solution included:

- **Data Reconciliation:** Implementing a mechanism to reconcile data against sources every two hours to ensure accuracy.
- **Automated Job Restartability:** Designing jobs to re-run or restart upon failure, reducing delays in data availability.
- **Efficient Data Processing:** Implementing proper indexing for tables and designing procedures to process data in manageable chunks, preventing long-running jobs.
- **System Upgrade:** Upgrading the Informatica platform from version 10.5.1 to 10.5.4 to address existing issues and improve overall system performance.



The Impact:

- 1) **Enhanced Data Accuracy:** Regular data reconciliation ensured that data remained accurate, boosting reliability and trust in reports.
- 2) **Reduced Delays:** Automated job restarts minimized disruptions, ensuring timely data availability.
- 3) **Improved Efficiency:** The proper indexing and batch processing of data chunks resulted in no job or procedure running excessively long over the past six months.
- 4) **System Stability:** Upgrading Informatica provided a more stable and efficient platform for data processing.

Conclusion

Ahana's strategic intervention significantly improved the insurance company's data management for their Group Asia product line. By addressing the challenges of data segregation, report delivery delays, and data reconciliation, Ahana ensured the company's data processes became more accurate and efficient. This case exemplifies how targeted IT solutions can resolve specific operational issues, leading to enhanced overall performance and reliability in data-centric industries.

About Ahana Systems and Solutions

Ahana Systems & Solutions is a leading IT Infrastructure Management Services and Digital Transformation company based in Bengaluru, India. Our expertise extends to a wide range of solutions, including Cloud, RPA, DB & EDW, BI & Analytics, and Application Development. Our 100+ roster of clients relies on us for our deep domain expertise, skilled resource base, and proven partnership with the best technology providers.

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