



Big Data Transformation on Cloud for a Global Leading Insurance Company

About the Client

- A French multinational insurance firm
- Operates primarily in Western Europe, North America, the Asia Pacific region, and the Middle East, with a presence also in Africa
- Employs more than 1,20,000 employees

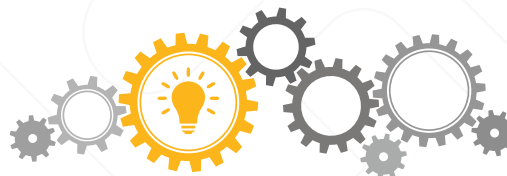
Business Challenges



The client was looking for a vendor to manage territorial jurisdiction for customer data from Japan, currently residing in its Singapore data center. The client also expected better identification of leads, opportunities, and increased ad campaign efficiencies through its key sales, marketing, and customer support users. They also expected better cost optimization for its Pricing and Underwriting Team through insightful analytics. The client required vendors to meet data ingestion SLAs from the source systems and evaluate near real-time data pipelines for continuous data ingestion and enable data scientists in the new setup by migrating existing data and creating a governed sandbox environment.

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Hexaware Solution



Based on the client's problem statement, Hexaware recommended consolidation and re-architecting of the entire data landscape to an AWS data lake and Redshift data warehouse service on AWS Public cloud using **AMAZE[®] for Data & AI** as the right fit solution because it helped in optimizing the data migration process, shortening the time-to-market, eliminating multiple server and software licensing costs for the data store, data pipeline, and visualization.

The solution also comprised of performing the source data discovery, analyzing target AWS data lake and Redshift data warehouse service, and building self-service visualization capabilities using our migration framework to ensure zero data loss.

Hexaware team architected and set up the data lake and AWS redshift in AWS public cloud and implemented the data ingestion pipelines.

We reengineered the legacy Hadoop-based workflows to AWS-based Serverless coding, Transient Clusters, and MPP Databases (Redshift). All the guidewire applications' data were migrated in real-time leveraging AWS DMS – Kinesis and AWS Lambda. Also, data collection and ingestion were carried out for the Salesforce application.

We leveraged **AMAZE[®] for Data & AI** platform for automating the data ingestion and data pipeline creation process during the AWS Redshift transformation.



Hexaware Business Benefits

- ~40% quicker lead-time in the onboarding of new datasets to AWS public cloud using **AMAZE®**
- Achieved 50% automation while migrating data, data pipeline, and data visualization systems to AWS Public cloud resulting in ~50% effort reduction vis-à-vis manual execution with **AMAZE®**
- TCO reduction of 60% due to the elimination of high-cost on-premise DW application and quicker transformation process with **AMAZE®**

Hexaware-AWS Joint Business Benefits

- Only on-demand generation AWS S3 storage buckets reduced usage costs by ~ 15%
- Better data pipeline governance and monitoring and availability of data for data scientists through dockerization of data science frontends
- Reduced maintenance cost of DWH and S3 data lake through automated data ingestion method
- AWS migration enabled ~30% Faster Data Ingestion and Loading
- 50% reduction in maintenance staff cost

About Hexaware

Hexaware is the fastest growing next-generation provider of IT, BPO and Consulting services. Our focus lies on taking a leadership position in helping our clients attain customer intimacy as their competitive advantage. Our digital offerings have helped our clients achieve operational excellence and customer delight. We are now on a journey of metamorphosing the experiences of our customer's customers by leveraging our industry-leading delivery and execution model, built around the strategy—AUTOMATE EVERYTHING®, CLOUDIFY EVERYTHING®, TRANSFORM CUSTOMER EXPERIENCES®. Hexaware services customers in over two dozen languages, from every major time zone and every major regulatory zone. Our goal is to be the first IT services company in the world to have a 50% digital workforce.

Learn more about Hexaware at <http://www.hexaware.com>

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Certain statements in this press release concerning our future growth prospects are forward-looking statements, which involve a number of risks, and uncertainties that could cause actual results to differ materially from those in such forward-looking statements. The risks and uncertainties relating to these statements include, but are not limited to, risks and uncertainties regarding fluctuations in earnings, our ability to manage growth, intense competition in IT services including those factors which may affect our cost advantage, wage increases in India, our ability to attract and retain highly skilled professionals, time and cost overruns on fixed-price, fixed-time frame contracts, client concentration, restrictions on immigration, our ability to manage our international operations, reduced demand for technology in our key focus areas, disruptions in telecommunication networks, our ability to successfully complete and integrate potential acquisitions, liability for damages on our service contracts, the success of the companies in which Hexaware has made strategic investments, withdrawal of governmental fiscal incentives, political instability, legal restrictions on raising capital or acquiring companies outside India, and unauthorized use of our intellectual property and general economic conditions affecting our industry.

