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Enterprise Data Infrastructure– Common Securitization Platform Development

Seamless data integration through common securitization platform development for a mortgage provider.

Case study

Client

The client is a secondary mortgage provider in North America. They partnered with Hexaware under a multi-year contract for a common securitization platform development initiative.

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Challenge

Business challenge

- **Weak Industry Standards:** Weak standards across the mortgage industry failed to mitigate risks such as sub-prime lending, which previously led to a housing market collapse.
- **Inadequate Security:** The absence of a single security program for secondary and private mortgage companies resulted in vulnerabilities that could lead to another industry-wide disaster.

Testing challenge

- **Data Sourcing:** The client needed an efficient method to source data through multiple interfaces, such as messaging queues, enterprise service bus (ESB), legacy file systems, enterprise connectivity framework (ECF), databases, etc.
- **Data Integration:** The client faced the challenge of integrating the data from multiple sources in a seamless manner. Ensuring consistency across these disparate systems was essential for data integrity and operational efficiency.

Regulatory Compliance

There was a pressing need to deliver a solution that complied with strict regulatory requirements set by the Federal Housing Finance Agency (FHFA).

Solution

Client

Challenge

Solution

Benefits

Summary

Program initiative

To address the client's challenges, Hexaware first identified the strategic initiatives that would be necessary:

- Building a new platform to support data integration between the secondary mortgage entity and common securitization.
- Providing common data integration services that include data sourcing, vending, translation, and reconciliation.
- Simplifying the data infrastructure while strengthening controls and data quality.

We then implemented a comprehensive, multi-layered solution focused on robust data management and streamlined securitization.

- Hexaware developed a low-latency data store to support strategic initiatives, operations, and business analytics, allowing all single-family (SF) loan data consumers across the enterprise to leverage a single trusted source.
- We deployed a flexible and extensible framework that integrated data from multiple sources and utilized enterprise services and vendor data to support business needs.
- We established a consistent, validated, and trusted source of single-family loan data, which formed the basis for operational and decision processes while meeting regulatory and corporate requirements.
- We ensured delivery of the single-family loan data to the common securitization platform through a common and reusable services layer.

Benefits

Key outcomes of Hexaware's common securitization platform development:

- 700+ attributes seamlessly integrated across the platform from 15 different data sources
- 650+ informatica mappings implemented
- 7+ years of historical data integrated
- 16 million records processed per month
- 50+ interfaces developed
- 8 new customer value-add tools created
- $250K in customer value-adds realized

Summary

Hexaware partnered with a North American secondary mortgage provider to develop a common securitization platform and enhance enterprise data infrastructure.

By integrating 700+ attributes from 15 data sources, the solution streamlined data flow, improved data quality, and delivered $250K in value adds, processing 16M records monthly and supporting regulatory compliance.

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Drive Efficiency in Mortgage Data Management.

Contact Hexaware's experts at marketing@hexaware.com discover how our common securitization platform delivers secure, unified, and scalable solutions for your enterprise.

About Hexaware

Hexaware is a global technology and business process services company. Every day, Hexawarians wake up with a singular purpose: to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world. We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate.

With offices across the world, we empower enterprises to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

Learn more about Hexaware at https://www.hexaware.com.

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