



## Product Brief: Transforming Guidewire InsuranceSuite Data Integration with the Datavail Guidewire Connector for Azure

### Executive Summary

The CDA Connector for Azure is a sophisticated solution crafted to seamlessly extract data from the Guidewire InsuranceSuite platform through Guidewire's Cloud Data Access. This packaged, rapidly deployable tool aims to establish a robust connectivity bridge between Guidewire InsuranceSuite and Azure, unlocking enhanced value from your Guidewire investment and accelerating time-to-insights for your business.

# Insurance Industry Market Trends and Challenges

## Addressing Market Trends

- **Cloud Modernization:** Facilitating modernization by moving data and infrastructure to the cloud.
- **Automation Focus:** Key focus on automation for underwriting and claims processing.
- **AI and Machine Learning Integration:** Enabling the use of AI and Machine Learning beyond the Actuarial department.
- **Comprehensive Customer View:** Addressing challenges related to obtaining a 360° view of the customer from disparate systems.

## Challenges and Solution Landscape

- **Limited availability of integrated solutions:** No comprehensive solution for addressing Guidewire data ingestion to an Analytics solution.
- **Customers want unique features:** Modular design and comprehensive data processing, cognitive abilities, advanced ETL and reporting capabilities, data curation and delivery to data consumers.
- **Customers want flexibility:** To manage self-hosted, on-prem or Legacy data movement to their analytics platforms, but this needs significant investment and resources.

## Problems DataVail Guidewire Connector will address

- **Multiple Systems Complexity:** Simplifies integration across Policy, Claims, and Billing functions.
- **Data Silos Breakdown:** Resolves the challenge of fragmented data within organizational silos.
- **Data Quality and Consistency:** Addresses inconsistencies in data quality across systems and the organization.
- **Enhanced Predictions and Reporting:** Facilitates access to accurate data, easing predictions and reporting efforts. Operationalize a 360° customer view with enhanced reporting and dashboarding. Leverage AI/ML and advanced analytics.
- **Improve Data Flow and Quality:** Prepare for ongoing support, improve, and optimize data management support over time.

## Key Features and Functionalities

- **Flexible Data Processing:** Handles both table-level and cross-table data based on configuration, aligning with diverse analytics needs.
- **Modular Design:** Allows smaller processes to collaborate, fostering robust and resilient data pipelines.
- **Proactive Alerts:** Eliminates manual monitoring through automated alerts, enhancing operational efficiency.
- **Granular Control over Data Loads:** Enables selective or full table extraction, reducing data movement costs.
- **Automated Workflows:** Driven by Guidewire data manifests, expediting implementation and ensuring process efficiency.
- **Configurable Scheduling:** Matches data movement to business needs, optimizing resource utilization.
- **Built-in Auditing and Reconciliation:** Corrects errors and enhances data integrity through automated auditing and reconciliation.
- **Dynamic Schema Adaptation:** Seamlessly aligns with changing data models, providing adaptability.
- **Near-Real-Time Streaming:** Balances data freshness and overhead with tunable near-real-time streaming.
- **Administration Portal:** Centralizes configurations, streamlining control for administrators.
- **Accelerated Deployment:** Packaged solution with rapid deployment via scripts and templates, reducing implementation risk.

## Who can benefit from the Datavail Guidewire Connector for Azure?

### Technologists and Data Management Leaders:

- Solution Architects
- Data Architects
- Developers
- P&C Product Owners and Stakeholders
- Data Management Teams

### Industries/Sectors:

- Insurance Industry – Accident/Health, Property/Casual, Re, ...
- Farm Bureaus
- Insurance Industry SIs
- Guidewire clients and partners

## The Datavail Guidewire Connector Technology Stack

- Azure Data Factory
- Azure Synapse
- Microsoft Power BI
- Azure DevOps
- Azure Data Lake Storage (ADLS)
- Azure BLOB Storage
- App Services for packaging
- Microsoft Fabric (Planned)

## Advantages of Datavail Guidewire Connector for Azure

- **Comprehensive Dashboards:** Gain insights into Commissions, Property, Loss Ratio, Retention Ratio, Subsidiary, Claims History, and more.
- **Seamless Downstream Integrations:** Facilitate Compliance extracts and smooth integrations with downstream systems for enhanced operational efficiency.
- **Empowering Actuarial Analytics:** Unlock the potential for robust actuarial analytics with seamless Actuarial Extracts, Reports, and Dashboards.
- **Efficient Application Integrations:** Foster internal and external collaborations with ease through streamlined integrations using APIs.
- **Insightful Finance Reporting:** Obtain detailed Accounts Payable reporting, providing valuable financial insights for informed decision-making.
- **Dynamic Dimensional Data Marts:** Establish dedicated Dimensional Data Marts tailored for analytics, finance, and actuaries, ensuring dynamic and adaptive insights.
- **Tailored Dashboards for Departments:** Provide dedicated dashboards catering to the unique needs of various departments, including Finance, Policy, Sales, and Compliance.
- **Enhanced Data Quality and Performance Monitoring:** Monitor and enhance data quality and performance through purpose-built dashboards, ensuring data reliability.
- **Versatile Integration Capabilities:** Enjoy flexibility in integration by seamlessly connecting with on-premises, third-party data, or various cloud data sources.

## Customer Support and Training

### Resources Available

- **Standard Operating Procedures (SOPs):** Detailed guides for operating the CDA Connector.
- **Runbooks:** Practical guides for specific operational scenarios.
- **Playbooks:** Strategic guides for maximizing the benefits of the Connector.
- **Installation Manuals and Packaging:** Comprehensive instructions for installation and packaging.
- **Accessing Help and Training Materials:** Accessible through private links tailored to customer needs, ensuring secure and personalized support.

# Case Study: Farm Bureau in Western USA

## Issues Addressed

- **Enhanced Actuarial Analytics:** Desire to expand the existing data warehouse for enhanced actuarial analytics.
- **Near Real-Time Data Ingestion:** Need for the ability to ingest data in near real-time.
- **Performance and Scalability:** Overcoming performance and scalability challenges of the legacy data warehouse.
- **Internal Staffing Challenges:** Addressing challenges for internal staff to support data processes.
- **Consolidation of Data Sources:** Inclusion of internal and external data sources with Guidewire data for consolidated analysis.

## Solutions Provided

- **Enterprise-Grade Analytics Platform:** Deployed via Azure Data Factory, Azure Data Lake, and Azure Synapse for actuarial analysis.
- **360° Customer View:** Achieved a comprehensive view of the customer from the “single source of truth.”
- **Reduced Data Loading Time:** Reduced Guidewire CDA data loading time from hours to minutes.
- **Scalability and Reliability:** Improved scalability and reliability to support 1-2 million daily transactions.
- **Quicker Access to Data and Insights:** Enabled quicker access to data and insights for business users.
- **Ongoing Power BI Development:** Facilitated ongoing Power BI development to enhance analytics for business users.
- **Future-Ready Enhancements:** Positioned for future enhancements as Guidewire updates CDA tooling.

## Conclusion

In summary, the CDA Connector for Azure stands as a game-changer in the realm of data integration, offering unparalleled solutions to the intricate challenges presented by Guidewire InsuranceSuite. With its flexible design, comprehensive features, and seamless integration prowess, this innovative tool emerges as a frontrunner in the evolving landscape of data analytics.

As organizations navigate the ever-expanding demands of a data-driven world, the Datavail Guidewire Connector for Azure not only meets these challenges head-on but redefines how data is harnessed, processed, and transformed into actionable insights. By addressing the complexities associated with multiple systems, data silos, quality inconsistencies, and the quest for accurate predictions, this solution paves the way for a more streamlined, efficient, and insightful data journey.

To embark on this transformative journey and elevate your organization’s data capabilities, we invite you to take the next step. Embrace the future of data integration with confidence. Connect with our experts, explore the dynamic features, and discover firsthand how the Datavail Guidewire Connector for Azure can empower your organization to unlock the full potential of your Guidewire investment.



BI/Analytics • Applications • Databases

Datavail is a company of over 1,000 professionals helping clients build and manage applications and data via a world-class tech-enabled delivery platform and software solutions across all leading technologies.



11800 Ridge Pkwy., Suite 125,  
Broomfield, CO 80021



877.634.9222



info@datavail.com



www.datavail.com