

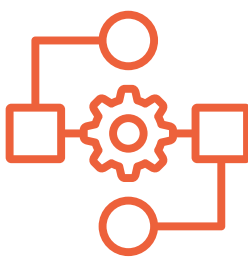
Building a Data-Driven Compliance Platform for Global Scalability



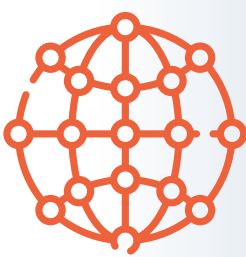
**40% Faster
Localization**



**25% Improvement
in System Uptime**



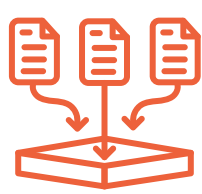
**Unified,
Automated
Dataflows**



**Global Delivery
with Enhanced
Observability**

Problem Statement

A leading compliance training provider was facing significant challenges in scaling its platform to support a growing user base and increasing global content demands. The existing legacy architecture had many challenges:



Inefficient, fragmented data pipelines



Limited integrations with enterprise systems such as Salesforce and Aragon



Manual translation workflows that slowed content localization



Poor observability, making performance monitoring and issue resolution difficult

These constraints delayed delivery timelines, reduced operational efficiency, and negatively impacted customer experience.

Business Need

The company needed a modern, future-proof foundation to scale confidently while delivering localized training at speed. To build an enterprise-ready compliance enablement platform, the client required:



**A robust, cloud-native
data pipeline**



**Automated translation
workflows**



**Enterprise-grade
integrations**



**Containerized
deployment**



**Built-in
observability**

Value Delivered

The modernized platform delivered measurable business and operational benefits:

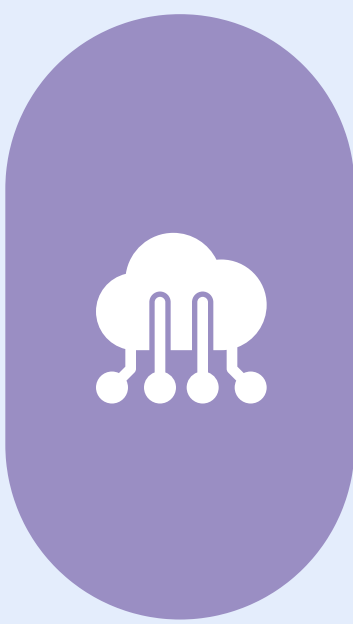
- ➔ ~40% faster localization through automated translation
- ➔ ~25% improvement in system uptime with enhanced observability
- ➔ Scalable infrastructure supporting high-volume enterprise clients
- ➔ Improved platform performance and reduced operational overhead
- ➔ Faster time-to-market for new content across geographies

Tools & Technologies Used

-  **Cloud & Deployment:** AWS Glue, AWS ECS (Fargate), AWS ACT
-  **Data Engineering & Visualization:** Databricks, PySpark, Tableau
-  **Monitoring & Integration:** Datadog, Salesforce, Aragon, REST APIs
-  **Languages:** Python, Node.js, React.js
-  **Database:** DynoDB, Redshift, RDS MySQL

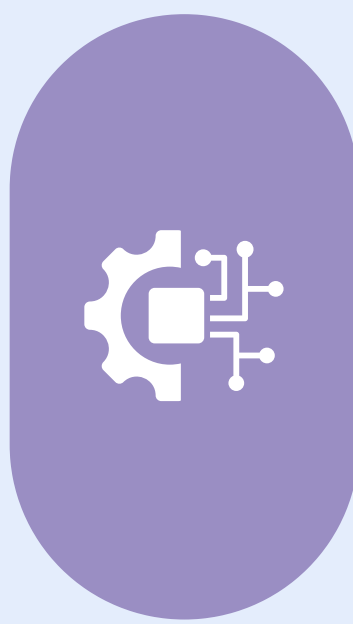
Solution

Innominds designed and implemented a cloud-native data architecture focused on scalability, automation, and global readiness.



Cloud-Native Data Pipeline

- Built an enterprise-grade pipeline
- Enabled seamless data flow across internal systems and third-party connectors



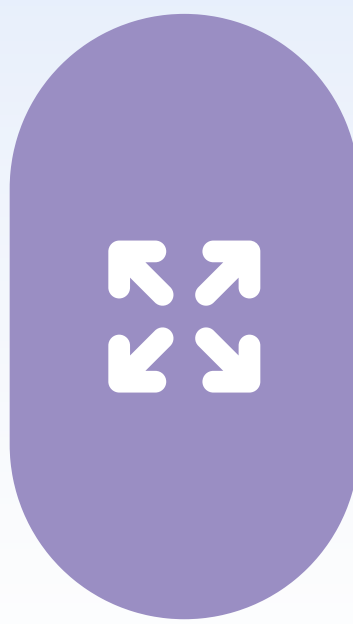
Platform Integration and Monitoring

- Enabled B2B integrations with **Salesforce and Aragon**
- Embedded Datadog for real-time observability, improving system uptime by ~25%*



Localization and Translation Automation

- Integrated **AWS ACT** for scalable, multi-language content delivery
- Reduced manual effort and improved localization turnaround by ~40%*



Scalable Deployment Architecture

- Deployed services for serverless, auto-scaling orchestration
- Ensured consistent performance and elasticity during peak usage periods

The client is now equipped with a future-ready compliance platform that scales with enterprise demand while delivering localized training globally.

Deliver personalized, scalable training at enterprise scale.
Reimagine compliance enablement with Innominds.
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