



# Cognitive Intake for Pharmacovigilance

## ConvergeHealth Safety Platform

### Client

A leading life sciences organization committed to delivering patient-centric, outcomes-based care. In collaboration with industry stakeholders and global regulators, the client developed the ConvergeHealth Safety platform to address the growing complexities in pharmacovigilance.

### Business Need

Safety analysts were burdened with repetitive, manual tasks such as case intake, coding, and data review. These low-value activities resulted in reduced focus on critical functions like safety signal detection and analysis. The client aimed to:

- Automate manual workflows
- Improve data quality and scalability
- Empower teams to focus on strategic safety analysis

## Solution

Innominds developed an end-to-end pharmacovigilance platform—ConvergeHealth Safety—designed to deliver integrated, evidence-based safety management. The solution encompasses key capabilities including:

- Cognitive Engine powered by ML, NLP/NLG, and RPA for intelligent case entity extraction and coding
- Automated Workflows eliminating manual effort across intake, medical, and quality review
- Enhanced Compliance & Data Quality enabling deeper safety analysis
- AI-Driven Adverse Event Processing for faster risk identification and insight generation

## Value Delivered

- Reduce manual effort in pharmacovigilance processes
- Enhance data accuracy and compliance
- Accelerate adverse event detection and decision-making
- Improve operational efficiency across safety functions

## Tools & Technologies

- Cognitive Automation (ML, NLP/NLG, RPA)
- Workflow Automation Engines
- Case Enrichment and Data Quality
- Algorithms

## Business Impact

- **Reduced Cost per Case:** Increased throughput via automated rule-based and ML workflows
- **Improved Case Quality:** Detected duplicates, extracted insights, and suggested field values with confidence scoring
- **Operational Efficiency:** Freed analysts to focus on strategic safety tasks
- **Faster Decision-Making:** Accelerated safety signal detection and response



Transform your Pharmacovigilance Function with Intelligent Automation. Partner with Innominds today!

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