

Challenges



Data Overload:

Processing the vast amount of daily healthcare data is costly in terms of infrastructure and analytics capabilities.

Inconsistent Data:

Manual data entry errors can cost billions and lead to misinterpretations and patient safety concerns.

Lack of Timely Monitoring:

Delays in adverse event (AE) detection and reporting due to lack of timely monitoring not only negatively impact patient safety and clinical trial data integrity but also add financial burden on pharmaceutical companies

Under-Reporting:

Most serious adverse drug reactions go unreported, leading to costly interventions and recalls.

Rare Events Detection:

Treating unexpected severe adverse reactions is expensive, not accounting for potential litigation costs.

Solutions

Adverse Events Detection:

Baioniq utilizes LLM technologies to swiftly and accurately detect adverse events in the medical literature.

Signal Management:

Efficiently identify and prioritize safety concerns, enabling proactive risk mitigation.

Integrated Reporting:

Baioniq's GenAI platform consolidates product complaints, risk assessment, signal alerts, and AE reports for rapid interventions and informed decisions.

Performance:

Baioniq solutions can be customized to handle Adverse Events operations with specific requirements and can vary based on the operational scope and training data, thus providing a versatile platform for automating the detection, classification, and assessment of adverse events.

Business Impact

Enhanced Patient Safety: Swift adverse event detection fosters trust and ensures patient safety.

Cost Efficiency: Rapid AE identification and automated regulatory submissions reduce costs and penalties.

Efficient Resource Allocation: Baioniq automates detection, allowing experts to focus on strategic challenges.

Data-Driven Decision Making: Real-time data processing provides actionable insights for drug safety decisions.

Regulatory Compliance: Baioniq ensures alignment with regulatory standards, mitigating compliance risks.

Advanced Signal Alerts: Continuous monitoring detects potential adverse events in real time.