Deloitte.

Improving patient outcomes: ConvergeHEALTH Safety™

A high performance managed analytics application to transform insights into impact

Leading with insight

Facing increased regulatory scrutiny and stricter compliance requirements, Life Sciences organizations require greater visibility into the full range of safety-related data to inform critical decisions and manage competing demands while delivering on their number one priority – improving patient outcomes.

Too often, organizations rely on cobbled together processes and siloed technological capabilities. While traditional safety systems support some regulatory and operational analyses they typically lack the capabilities to deliver a true understanding of product safety profiles. The risks of maintaining this limited view will only be compounded as the volume and breadth of safety data sources grow and regulatory requirements evolve.
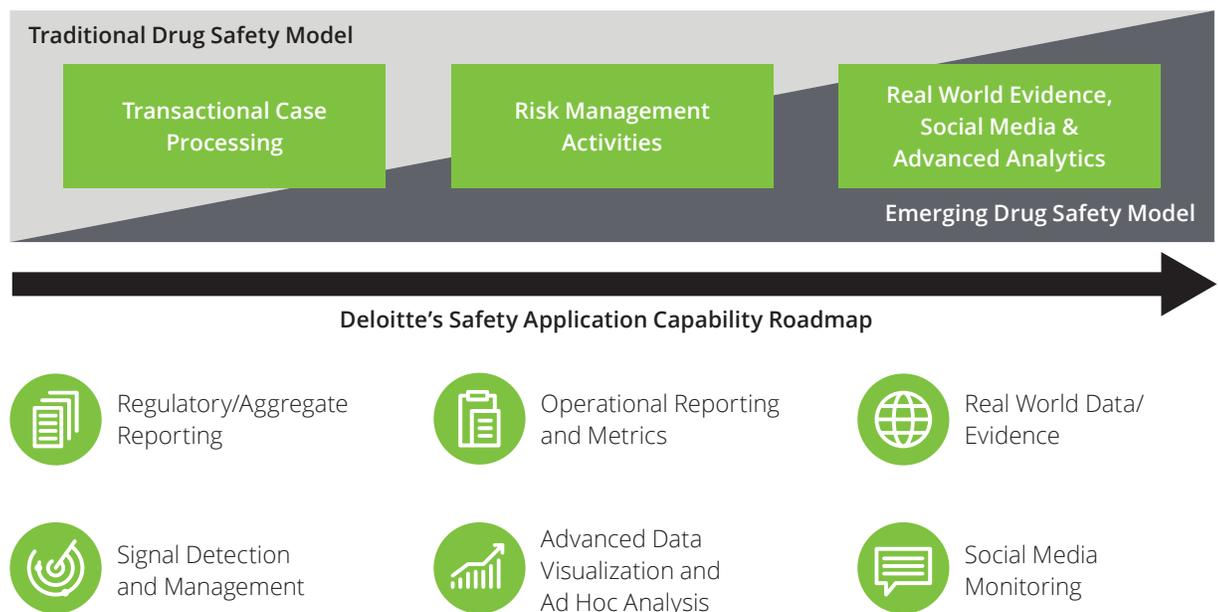
Deloitte's ConvergeHEALTH Safety™ application, which is built on Deloitte's ClearLight™ analytics platform, helps Life Sciences organizations transform safety processes from fragmentation and complexity to integration and efficiency. Deloitte-hosted, validated, and managed with integrated data sets and leading practices, the application is capable of delivering insights across the pharmacovigilance lifecycle.

Navigating an evolving drug safety landscape

The pharmacovigilance domain is experiencing a fundamental shift from operations to outcomes (see figure 1), requiring safety organizations to focus more effort on data science and insight-driven decision making, while optimizing transactional processes. Deloitte's safety application is purpose-built to provide a seamless user experience on a modern architecture with a robust data model and a rich feature set. Built for high performance, scalability, and extensibility the application can offer a one-stop shop for analytics-enabled safety processes and predictive signal detection and management.

Figure 1

Level of Effort, Time & Resources

Traditional Drug Safety Model

Transactional Case Processing

Risk Management Activities

Real World Evidence, Social Media & Advanced Analytics

Emerging Drug Safety Model

Deloitte's Safety Application Capability Roadmap

Regulatory/Aggregate Reporting

Operational Reporting and Metrics

Real World Data/ Evidence

Signal Detection and Management

Advanced Data Visualization and Ad Hoc Analysis

Social Media Monitoring
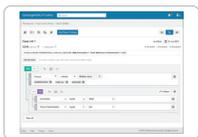
The Deloitte ConvergeHEALTH Safety application

Drawing from Deloitte's hands-on experience within the Safety domain and top-ranked Life Sciences and Health Care practices, the application is designed to help Life Sciences organizations proactively and cost-effectively address complex business issues and processes around safety risk and compliance.

Advanced Analytics: Develop deeper insights from both structured and unstructured data sets. Readily detect patterns and signals through a combination of real-time data ingestion and processing with advanced algorithms and interactive visualizations.

Ad Hoc Analysis: Pull in an existing dataset or define a custom one from scratch for further analysis. Slice and dice data and drill down through the desired parameters by filtering on various dimensions and shifting easily between output types.

Dynamic Query Creation and Visual Story: Build point-in-time custom queries through an intuitive graphical interface. Visualize data across a variety of views. Charts are fully interactive and update dynamically – add or remove filters with a single click.

Periodic and Operational Reporting: Attach curated data sets to standard reports and create print-formatted documents in multiple output types. Leverage industry standard templates or create and use your own.

Gantt Chart View: Explore the full report library in a Gantt chart format. Easily assess the status and progress of each scheduled report, manage the reporting workload, and plan future activities.

Clients choose ConvergeHEALTH Safety to:

Spend more time on analytics, less on the data itself > Access integrated, high quality data in near real-time from disparate sources; a point-in-time data warehouse.

Drive business impact > Streamline safety processes, manage workflows and safety data in a consistent manner, and mitigate compliance risk.

Increase ROI > Reduce the expense and hassle of developing and maintaining on-premise solutions with a highly secure hosted application.

Offload the validation > Leverage the pre-validated technologies and solutions brought together in the ConvergeHEALTH Safety application.

Benefit from like-minded peers > Enable a feature set designed and prioritized through collaborative workshops with industry leaders.

Contact us for more information or to schedule a demo. Also, visit us at www.deloitte.com/us/chsafety.

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