Deloitte ConvergeHEALTH Miner™ on AWS

Real-world evidence collaboration platform for life sciences organizations

Deloitte.   aws ✓ competency

Deloitte is an AWS Partner Network (APN) Premier Consulting Partner and AWS Life Sciences Competency Partner.

Industry trends & challenges

The shift towards value-based care and precision medicine is creating new demands for evidence generation, knowledge management systems, and the need for flexible, scalable data storage and computing. However, pharmaceutical and life sciences organizations often have limited accessibility to, or knowledge of clinical trial data sharing opportunities. Furthermore, they lack digital health record interoperability and ease of aggregating data. From the patient standpoint, they may be hesitant to share their medical data due to a lack of incentive or concerns with the security of their sensitive information. Deloitte ConvergeHEALTH Miner on Amazon Web Services (AWS) enables organizations to harness the full potential of their data and insights.

The Deloitte solution

Deloitte developed the ConvergeHEALTH Miner product in response to a growing demand for data-driven insights and the need for evidence lifecycle management in pharmaceutical research and development. Built on AWS, Miner is designed to help life sciences organizations accelerate real-world evidence generation and management across the research and development lifecycle. The integrated cloud-based analytics, knowledge management, and collaboration platform improves the client's visibility into their data. This helps to enhance and accelerate analysis and insights that shorten development times and uncover new opportunities.

Benefits

Success in managing evidence will require increased transparency, advanced analytics, and linkages between disparate data types across the medical product's value chain. ConvergeHEALTH Miner helps life sciences organizations with benefits including:

Enhanced value of data assets
Enable data-driven decision making across the product lifecycle for the enterprise

Real-world evidence
Turn real-world data into valuable evidence for dynamic insights and analysis

Accelerated evidence generation
Provide insights that speed the time to market of new therapies

Governance and compliance
Configurable workflows ensure compliance to standards and access rules

Solution Space

Discover scalable and secure solutions that will empower you to achieve your business needs with Amazon Web Services (AWS) and AWS Partner Network (APN) Partners that have attained AWS Competency designations. Customer-ready solutions are based on architectures validated by AWS, include a combination of AWS services and APN Partner technologies, can be deployed quickly with solution accelerators like AWS Quick Starts, and feature optional consulting offerings provided by APN Partners, to accelerate your cloud transformation.

Click here to get started with this Solution Space offering

Solution overview

Key features

- **Improved time to insights** with collaborators internally and externally
- Faster performance in complex cohort definition **up to 50%**
- **Greater transparency** in documenting cohort definition
- **Improved organizational learning opportunities**

Deloitte on AWS

Deloitte is an AWS Advanced Consulting Partner. Leveraging Deloitte's deep industry experience and the leading-edge capabilities of AWS, clients can be guided through their cloud journey step-by-step. From enhancing infrastructure by quickly migrating legacy apps to launching new cloud native apps on AWS and scaling as needs evolve, Deloitte can help clients solve key technology and business challenges that lead to return on investment.

How it works

Deloitte offers automated platform deployment of the ConvergeHEALTH Miner product leveraging the AWS CloudFormation service. This can significantly reduce the deployment time. Their Cohort Insight and Research Trust modules extend support to Amazon Redshift, a fast, fully managed data warehouse service. Additionally, ConvergeHEALTH Miner has integrated a data lake catalog and management accelerator built on top of AWS Glue. The product supports an advanced analytics library built on AWS Lambda and Amazon Machine Learning (Amazon ML).

Getting started

To get started, contact Deloitte via the links below:

Contact AWS and Deloitte
Deloitte offering on Solution Space