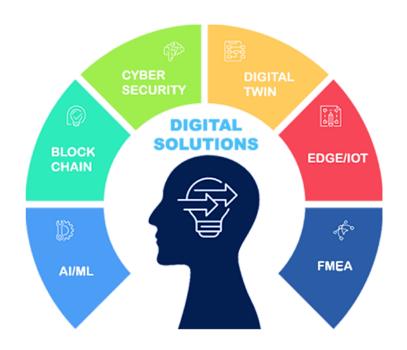


Partner for Next Gen Digital Enterprises



Local & International technical personnel

Principals with average of 20+ years in select Industry verticals

Project and risk management methodologies

Quality service delivery focused

Industry specialists in designing and developing nextgeneration digital platforms

Head office in Nigeria, Project offices in Canada & India

Oil & Gas Projects

Production and Facility Engineering

Designed Production Optimization Models, Tuned Models (Production Allocation, Target Monitoring), Tuned Integrated Models (Optimum Choke Setting, Optimum Separator Parameters)

Prediction of oil production by water flooding, Petrophysical analyses on 28 wells, wireline logs and core data analysis, geo-cellular model using object modeling with production history reconciliation

Water Injection Study

AVO & Seismic Inversion for

Reserves Delineation

Asset Evaluation Reports

Designed an integrated asset

development framework covering

Reservoir Performance Model,

Economic Model and Forecast &

Development Model

Project involved provision of amplitude versus offset (AVO) study to delineate possible areas of gas accumulation along with Inversion study with Seismic Sculpting to produce 3D Facies

3D Seismic Data Re-Processing

Project involved 2D seismic PSTM and AVO test processing, Inversion studies, Field Development Studies, seismic PSTM reprocessing

Brown Field Production Enhancements

Brown field production enhancement deploying techniques that optimize well performance and production levels

Oil & Gas Services

Reservoir Evaluation Services

Asset
Characterization &
Valuation Studies

Field Development Studies

Well Intervention

Production and Facility Engineering

Measurement, Metering and Fluid Control

Hydrocarbon
Accounting and Back
Allocation

Process Automation and Control

Production Optimization

Investment/ Divestment Consulting

Economic Evaluation

IT Services

Support, Data Mgmt & Application Development

> Seismic Data Processing

Audit and Prequalification Services

Training and Manpower Development

Oil & Gas Solutions



Solution certified in SAP HANA which helps in instant visualization as well as predictive analysis of logs from Oil & Gas upstream operations

Uses prediction models for sub-surface characteristics, drilling plans, production

Supports application of AI/ML algorithms for NPT (Non-Productive Time) reduction strategies



Drilling Operations Network

Solution addresses the need for real-time dashboards for drilling consoles for mud, pump, drill assembly, well integrity and pit/tank monitoring

Allows real-time, microbatch as well batch wise visualization as well as analytics - from a time + depth perspective

Manages multiple monitoring dashboards visibility to drilling parameters, such as mud properties, pump and casing pressure, tank volumes, etc.



Manager

Data

E&P |

Solution significantly reduces the TAT (Turn Around Time) for E&P data transformations jobs and enable Process
Automation in E&P data management domain

Adapters built in for SEGY, LAS, WITS, WITSML, PRODML, RESQML, etc.

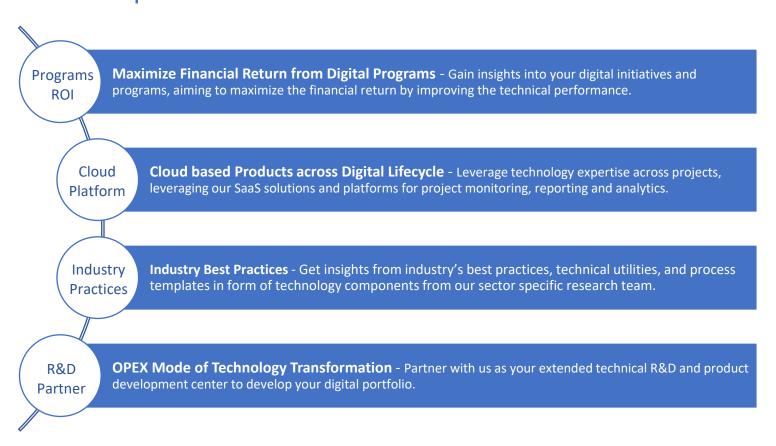
Automation Scripts for Routine tasks like Splicing, Merging, Data Transformation

E&P Logs Visualization extensions for Enterprise Reporting Tools

Client Engagement Strategy



Partnership Benefits



About Geohelda

We specialize in designing and developing next-generation digital platforms that harness the power of cutting-edge technologies such as AI, digital twin, blockchain, cybersecurity, edge/IoT, and more. Our focus is on delivering solutions that help our clients stay ahead of the curve in their respective industries.

- → Industry specialists in designing and developing next generation digital platforms.
- → Involved in extended R&D works, application support, project and risk management methodologies.
- → Handled projects in process automation, analytics & augmentation services focusing on quality service delivery.

Know more about Geohelda's Digital Solutions:

Oil & Gas

Renewables

Healthcare

Finance

Partner for Next Gen Enterprises

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Canada

Nigeria

India

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