

Solo CLOUD



Is a collaborative, multi-user cloud database designed specifically for upstream Oil and Gas. Welcome to Industry 4.0

Benefits of

Solo CLOUD

150+
Clients

Over 99,9%
Up Time

- **Flexible & Scalable**

Unlimited Data Storage | Full Module Customization

- **Disaster Recovery**

Continuous Backup | Duplicate Servers on Different Power Grids

- **Automatic Updates & Maintenance**

Hassle-Free | No Disruption to User

- **Collaboration**

Multi-Disciplinary Access | Real-Time Data Sharing | Faster Decision Making

- **Speed**

Low Bandwidth Compatible

- **Security**

Two Factor Authentication | HTTPS Dual Encryption | User Rights Access Control | SOC 2 Certified

Real-Time Results: Your Data in Action



Database

- Easily Created in Real-Time Through Day-to-Day Workflows
- Structured Storage for Project Data, Time-Series Data, and Grids
- No Duplicate Files

Collaboration

- Shared Data Across Disciplines
- Proactive Decision-Making
- Streamlined Communication
- Real-Time Project Management

Analytics

- Automated and Instantaneous Access to Real-Time Data
- Customized 2-Way API
- SQL Database Connector

Solo Alerts: Customized Alerts for Your Real-Time Data

 **DrillSpot**
Directional Driller

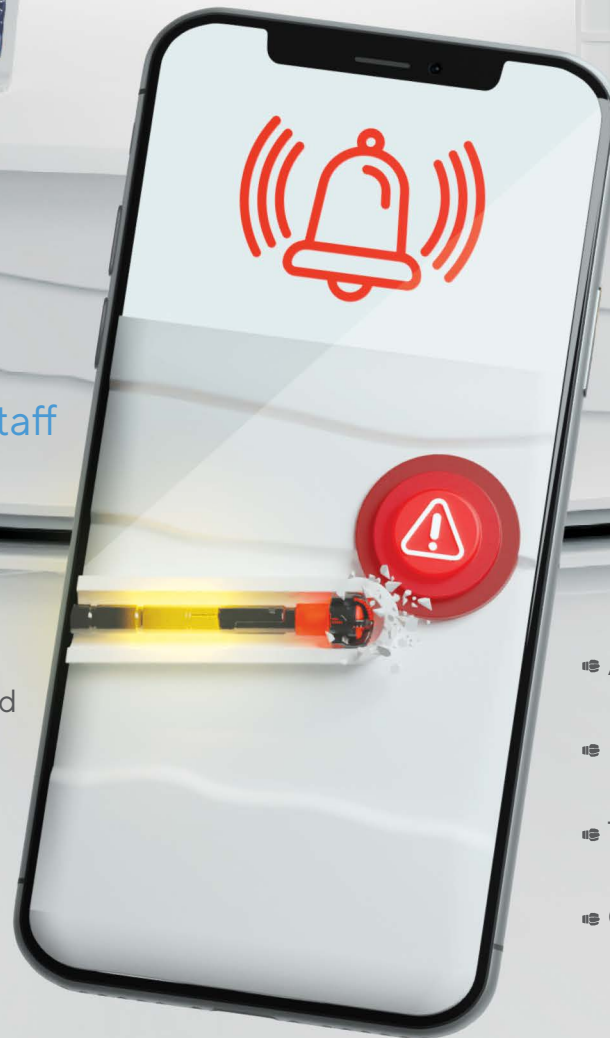
 **StarSteer**
Operator Headquarter

 **StarLite**
Office & Field Staff

Monitoring real-time feeds takes time and focus away from other projects and life outside of the office.

Solo alerts notifies you via text message or email when your well encounters your user defined thresholds.

- Alerts based on WITSML and Geosteering Parameters
- Logical Operators (AND/OR for Advanced Alerts)
- Text Message or Email Alerts
- Customized per Well/User/Project



Target Base

Applications for geology, drilling, monitoring and real-time decisions.
All data flows through the centralized Solo database.



Customize your software solutions by using the same individual login
to access your data in whichever application you need!

Geoscience Operations Software

Data Types: Well Data, Seismic, Grids, Culture Data, WITSML

The Solo Experience:

- | Asset-wide Global Project: Visualize and Access
- | All of Your Wells in One Centralized Place
- | Real-Time Comprehensive Mapping Module
- | Bulk Load & Analyze Competitor Well
- | Streamlined Asset-Wide Python Analytics
- | Large Database Integration
- | 2-Way Customized Database Connectors



Solo
CLOUD

Why?

Real-time operations achieve better results when your team can collaborate faster.

Solo streamlines your communication and simplifies your data organization.

StarSteer StarLite Data Manager

Geosteering Operations and Real-Time Data Sharing

Data Types: WellData, Seismic, Grids, Culture Data, WITSML

The Solo Experience:

- | Update and Share Centralized Project Data with the Click of a Button
- | Compare and Track Geosteering Interpretations in Real-Time from Your Web Browser or Phone App
- | Instantly Share Updated Targets with Your Drilling Team
- | Public and Private Functionality
- | Controlled User Access Rights



Why?

No one lives at their desk.

Solo allows your team to track real-time interpretations on your phone, and make informed decisions around the clock.

Real-Time Decision Making and Customized Data Visualization

Data Types: StarSteer Data, WITSML, Depth & Time Series

The Solo Experience:

Track Geosteering Interpretations in Real-Time

- | Fully Customizable Templates
- | Individual and Team Dashboards
- | Chat Functionality: Archive Your Decisions by MD and Date
- | Store and Access Your Historic Time-Series Data



Why?

Drilling and Geology teams spend a lot of time emailing updates while drilling.

Solo is a platform for different disciplines to share real-time data about bit placement and targeting. Keep everyone on the same page by providing important information faster.

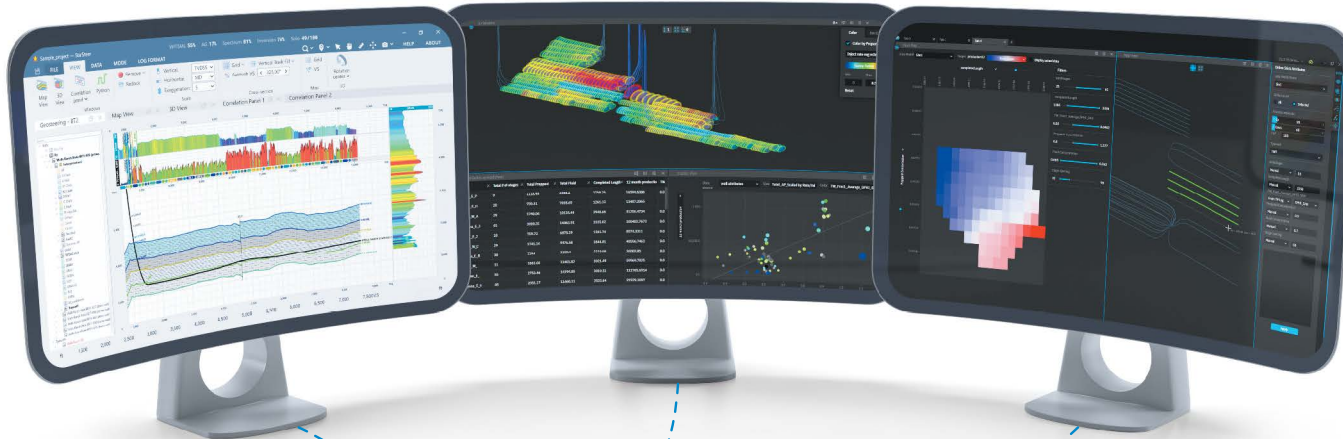
Statistical Platform for Advanced Visualization and Analytics

Data Types: StarSteer Data and Drilling/Completions/Production Data

The Solo Experience:

- | Cloud-Native performance: easily accessible, fast execution
- | Fully integrated, asset-wide, multi-disciplinary database
- | Advanced 3D visualization and analysis of all development data
- | Dynamic relationship between StarSteer and 4Cast allows for geosteering dependent analysis of your reservoir
- | Customizable machine learning models utilizing a wide range of input variables
- | Optimize future development and identify key performance drivers
- | Plan new development locations and convert directly into detailed well plans for operations team

Visualize | Analyze | Predict



Solo
CLOUD

Why?

Oil & Gas data sets are complex and varied. You'll leverage the greatest business impact from a platform specifically designed to handle the scope of full field development.



Data Aggregation. WITSML Streaming. Reimagined.

Data Sources: WITS, Email Attachments, Pason

WITSML Objects Supported: Well & Wellbore, Log, Trajectory, Mudlog

Solo Box & WITSML Server is a combination of hardware and software that makes streaming data reliable. Solo Box aggregates all geological and drilling data from the rig site to a cloud-based WITSML Server with a certified 99.99% uptime!



Solo Box

- | One second interval data
- | Mnemonic standardization for channels
- | Multilaterals and Sidetracks
- | Remote management

WITSML Server

- | No rate and user limiters
- | Parsing LAS 2.0, surveys, mudlogs from emails
- | Parsing surveys from Pason
- | WITSML v.1.3.1 and 1.4.1

SOLO EXPERIENCE



"Our transition to Solo provided a platform for
our operational teams to increase efficiencies
and lower the overall well cost."

Noble Energy

"Solo decreased lengthy decision-making
conversations by approximately 60 %."

NAL Resources

Geology. Drilling. Engineering.

Solo CLOUD

11750 Katy Freeway, Suite 1010
Houston, Texas, 77079
(346) 714-8694

 **ROGII**