

DATA AGGREGATION. WITSML STREAMING REIMAGINED.**SOLO BOX AND WITSML SERVER**

Aggregates all geological and drilling data from the rig site to a cloud-based WITSML Server with a certified **99.99% up time!**

Data Outages or Server Downtime

Rig has temporarily lost internet connection or the WITSML Server has undergone an unexpected outage. You've lost that real-time data during the blackout!

Solution

With Solo Box, internet disruptions won't cause data loss, as it collects and stores rig data onto its local database. Being equipped with Auto Power On mode, Solo Box automatically turns on once power is restored. The stored and real-time data stream automatically resumes once an internet connection is reestablished.

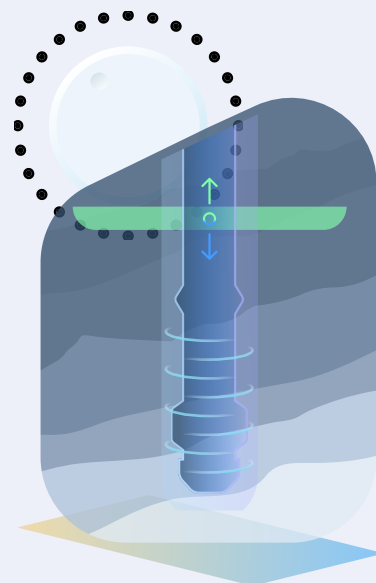
**Depth Shift Issues**

Measurement while Drilling (MWD) tool logs are erroneously plotted against the bit depth or shifted to the wrong offset. Or even worse, the offset changes dynamically.

Solution

Solo Box features a customizable offset setting for each log. Just apply the offset value to a log and get the correct Bit To Survey and Bit To Gamma values.

Moreover, the offsets can be applied to the parameters that are being streamed in from the different WITS packets.



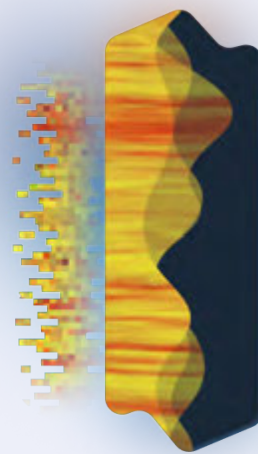
Bad Survey or Log Quality

Poor data quality is problematic and can impact the geosteering/drilling interpretation.

Solution

Solo Box can fix and smooth blocky logs.

Moreover, WITSML Server can parse corrected LAS and survey files from emails sent in by MWD crews or other 3rd parties, allowing you to avoid importing unvalidated data into your project all together.



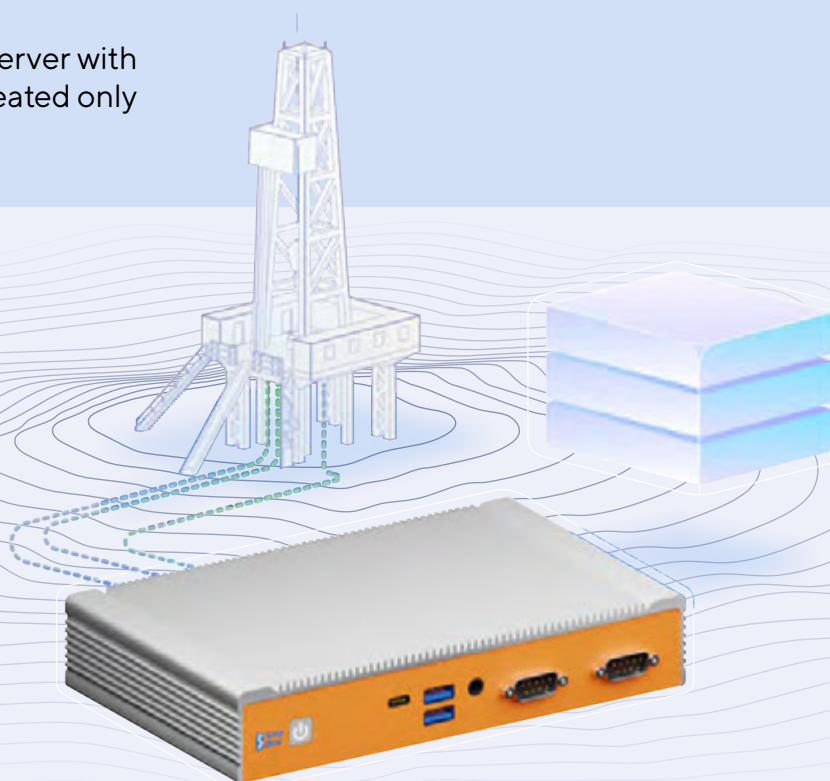
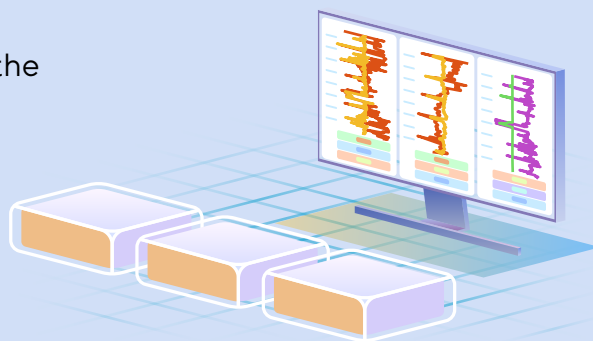
Missing Channels or Logs

You are preparing to geosteer or monitor a well, but some of the logs or data channels are missing.

Solution

With Solo Box, you keep control over streaming outputs. Apply customized mnemonics, units of measure, and descriptions to your streaming data channels. Create easy-to-read data structures.

Solo Box does not clutter the WITSML Server with hundreds of empty logs. The logs are created only if actual data are available.



Sales Department.
Contact us to get a license

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rogii.com/solobox

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Remote Management

Manage all your Company's Solo Boxes remotely from within one webpage, browse WITSML Store and assign user roles.

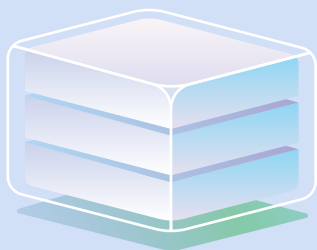
One-second Interval Data

Solo Box processes one-second data and immediately streams it to the WITSML Server.

EDR Vendor Independent

All rig data is streamed through the Solo Box, independent of the EDR system provider. If you run multiple EDR systems across your fleet, or if you switch providers at any time, Solo Box will ensure that your data is streamed through a consistent WITSML Server with unchanged log mnemonics.

WITSML Server



Automatically Parsing LAS Files and Surveys from Emails and Posting Them on WITSML Server

Useful for quick comparison of validated logs from the MWD software and the raw logs coming from EDR in WITS format.

WITSML Objects Supported

Well & Wellbore (including multi-laterals), log, trajectory & trajectory station, mudlogs.

Versions 1.3.1 and 1.4.1 Supported

No Rate or User Limitations

