PRODUCT INFORMATION

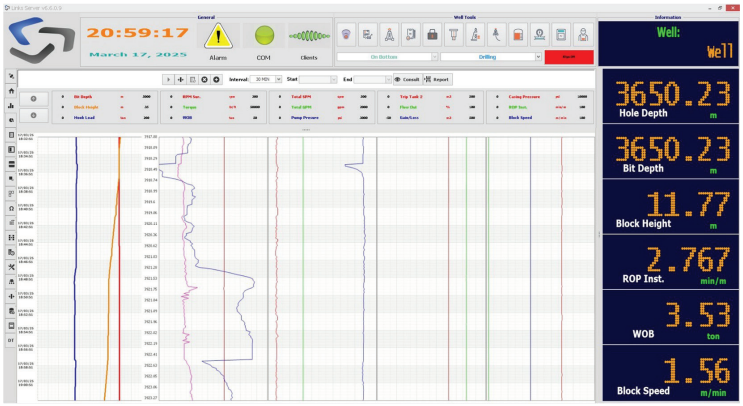
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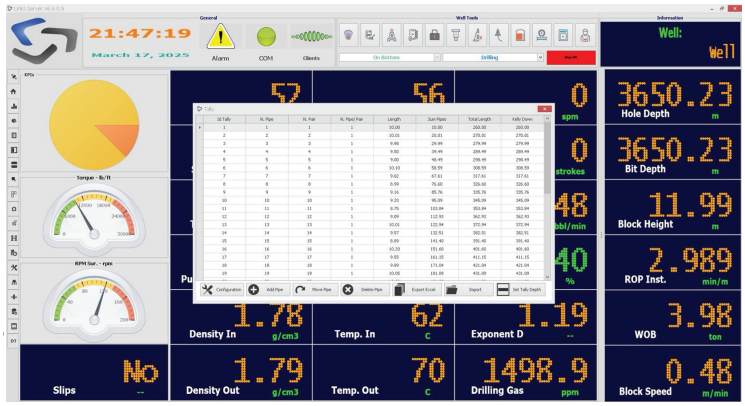
LAVERSAB

# LINKS Platform - *Rig Software*

Collect rig data from any system.




## OVERVIEW

The LINKS Platform is a modular software package that can be deployed to the rig or any industrial locations. Capabilities can be selected based on user needs.
Core capabilities include:

- WITS0 to WITSML™ Convertor
- PLC to WITSML™ Convertor
- Depth Tracking
- EDR Full Software
- Data Aggregator & Data Logger

## COMMON APPLICATIONS

*EDR: Rig Data Collection*
Combined with Laversab EDRs to collect surface data across the drilling rig.

*WITS0 to WITSML™ data conversion*
Access WITS0 data on the rig and publish to a WITSML™ server.

*PLC to WITSML™ data conversion*
Convert data from any PLC-based system to WITSML™. Publish to a WITSML™ server and correlate to depth data.

*Depth Tracking*
Collect depth information from rig sensors, correlate data, and publish to a WITSML™ server if required.

## *The Laversab Advantage*

### OUTSTANDING SERVICE...

- ✓ Easily customizable solutions
- ✓ Simple setup and operation
- ✓ Support over email/phone/onsite

### ...FOR A LIFETIME.

- ✓ 3-Year warranty (+2 years opt.)
- ✓ Rig-up & operation training
- ✓ Flexible payment options


1-800-285-7337 +1-281-325-8300 | +1-281-325-8399 | sales@laversab.com | laversab.com/oilfield

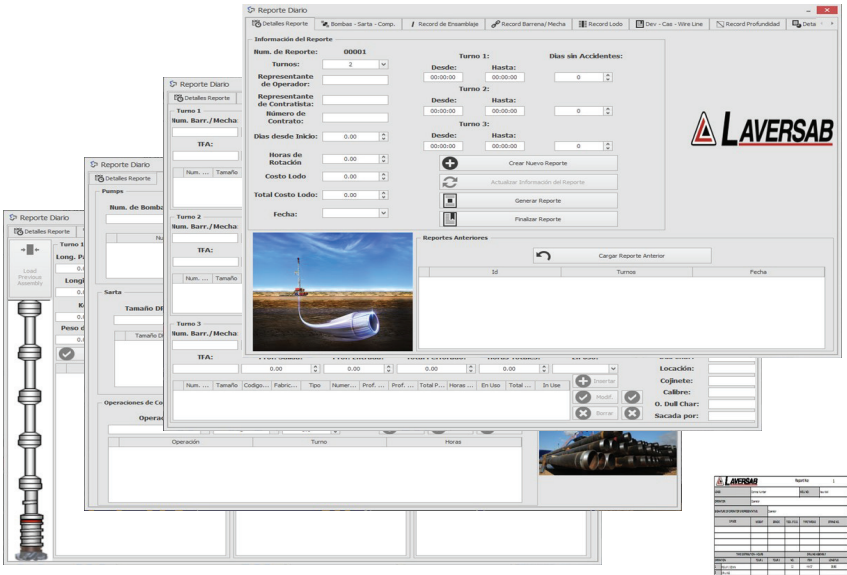
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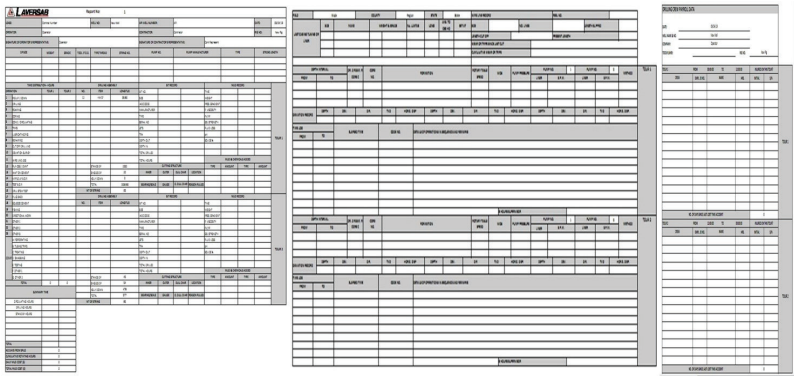
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The LINKS Software Platform is a scalable tool that you can use for applications ranging from simple data conversion to entire drilling rig surface data acquisition.

| | |
|---|---|
| **Software Name** | LINKS Platform |
| **Software Type** | On-Board Application |
| **Modules** | Lithology, Swab Analysis |
| **Tools** | Video Surveillance, Chat |
| **Reports** | Time-based & Depth-based (on demand)<br>Daily report, Tour sheet, KPI report |
| **Wellbore Config** | Drill String Config, Pipe Tally, Tanks Config, Bit Record, Mud Record, Casing Record, Operations & Crew Record |
| **Visualizations** | Dashboard View<br>Indicators: Numerics, Gauges, Functional<br>Charts: Line, Bar, Pie<br>3-D Trajectory & Bird's eye view<br>Hydraulics & Riser compensation<br>Dynamic updates in Real-time |

| | |
|---|---|
| **Alarms** | Hardware & User-defined alarms |
| **Languages** | English & Spanish |
| **Variables** | 300+ variables per rig |
| **Data Formats** | WITS 0, Ascii, Excel, LAS 2.0, LAS 3.0, WITSML™ 1.3.1 & 1.4.1 |
| **Protocols** | Modbus, TCP/IP, Modbus Serial, OPC, PLCs (Siemens & Rockwell) |
| **Display update rate** | < 1 second |
| **Database update rate** | 0.25 sec to 5 sec (user-configurable) |
| **Formulas** | User-defined |
| **Operating System** | Windows 7 or later (64-bit) |



## *Purchase Options*

| | |
|---|---|
| Daily subscription | ✔ |
| Monthly subscription | ✔ |
| Annual subscription | ✔ |
| Purchase | ✔ |