

OnTrack Historian

Real-time drilling activity recorder

APPLICATIONS

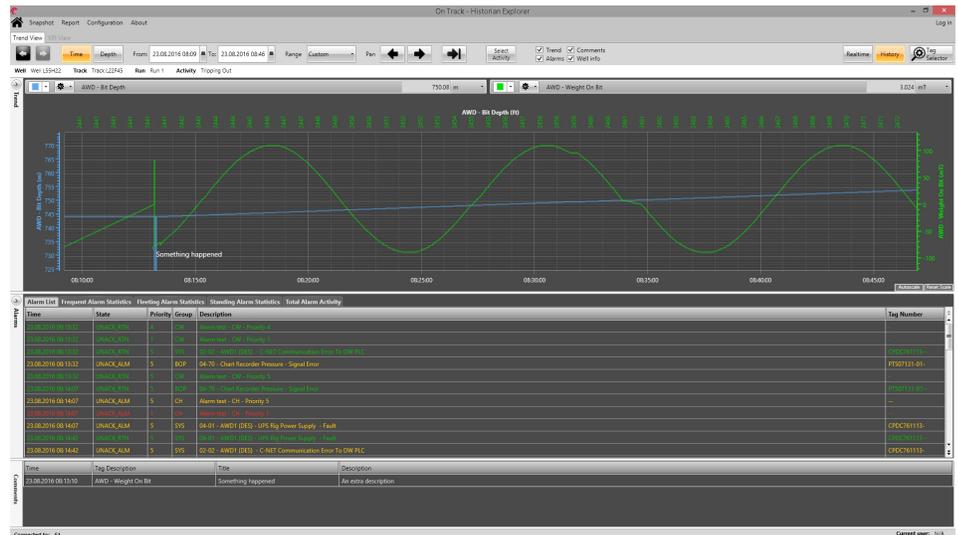
Drilling data collection, storage, and display

BENEFITS

- Decreased costs across the life of the asset
- Improved maintenance efficiency
- Increased operational flexibility through remote access capabilities

FEATURES

- Recording of essential drilling data to an easy-accessible database
- Simple and intuitive user interface for quick and easy access to data
- Embedded reporting and analytic features
- Data transfer via open protocols
- Interfacing against other systems
- More efficient sharing, handling, and visualization of large amounts of data
- Optimized documentation of historical data and events
- Advanced analytic and reporting features
- Efficient extraction and sharing of data to several users



In one user-friendly interface, OnTrack Historian recorder enables operators to enhance operations through real-time drilling data evaluation.

OnTrack Historian* real-time drilling activity recorder collects, stores, and displays large amounts of drilling rig data. The recorder acquires, store, and transmits essential information that can easily be retrieved for retrospective reporting, analysis, and documentation. By acquiring key information of the operations, the OnTrack Historian recorder enables the user to analyze, report the status of, enhance, and maintenance the operation of the asset at lower costs.

Secure data storage

OnTrack Historian handles a range of drilling data, including equipment data, alarms, and events. Historical data can be easily retrieved for retrospective analysis and documentation and is automatically stored for 180 days (longer duration is available as an option). Built-in fully redundant data collection gives a high level of security in case of computer component malfunction.

Real-time data transmission and access

The recorder easily shares information by transferring data via open protocols. Data can be transferred to an unlimited number of users. The recorder includes Historian Explorer human machine interface (HMI) software, and applications can be located within the same asset or in remote locations.

Predefined reports

Predefined professional reports can be easily generated in various file formats. Reports with KPIs and vital drilling information can be shared across various data platforms with minimal effort. Customized reports are available by request.

OnTrack Historian

Fast, efficient search functions

For quick and efficient data review, the OnTrack Historian recorder is equipped with automatic suggestion when entering search phrase. This feature provides instant filtering with fewer and more relevant search hits.

Data can be retrieved by parameters including

- time
- tag number or name
- bit depth
- comment text.

Snapshot capability

Integrated snapshot functionality enables fast and precise documentation and reduces the risk of human error. Snapshots can easily be shared with other users based on category (local, public, or private).

Comment function

To enable better understanding of data, the OnTrack Historian recorder makes it possible to add comments to individual tags, which can be highly useful for subsequent data analysis.

Expandable modularized software

OnTrack Historian recorder can integrate with other software packages, including maintenance programs and reservoir model software. As a result, the operator can achieve reduced costs and secure, seamless data integration with less manual work.

Computer Hardware Specifications

Temperature range, degF [degC]	-14 to 140 [-10 to 60]
Weight, lbm [kg]	9.9 [4.5]

Scope of supply

Primary and backup OnTrack Historian recorder server

Historian Explorer HMI software installed on OnTrack Historian recorder workstations

OnTrack Historian recorder trend installed and integrated into X-COM* operator chair HMI

Options

Additional customer applications

cameron.slb.com/drilling