

Octopus Doctor

Octopus Doctor allows efficient data exchange and synchronization between WITSML servers. It also integrates built-in functionality to transform time-based data to depth-based data and it can be used in environments where network connection is normally not stable. It supports both WITSML 1.3.1.1 and 1.4.1.1, and it can handle multiple simultaneous transfers to different wells and wellbores.

Features:

WITSML Store to store transfer and synchronization tool

Transform between 1.3.1.1 and 1.4.1.1 standards. (Soon to include WITSML 2.0 support)

Deals with multiple dialect and other compatibility issues between WITSML stores

- Prevents depth jumps for bad depth-based data
- Unit Conversions
- Depth and time shift/time zone correct data

Configurable data frequency per transfer (1s, 5s, 10s etc.)

Deliver to multiple servers simultaneously

Extra support for Logs

- Transform time-based data into depth-based data
- Define data segment to be transferred
- Transfer only specific curves (Mapping)
- Transfer whole object (no mapping required)

Reliable data delivery

- Handles network outages (short or long) ensuring all data is transferred efficiently
- Avoids needless retransmission of data where possible (reducing bandwidth)

Live transfer monitoring and control

Future

- Support WITSML 2.0 / ETP 1.2 transfers

