

Octopus Store v2.0

Octopus Store provides centralized data storage and management for a wide variety of O&G upstream data. It supports WITSML 1.3.1, 1.4.1.1 and WITSML 2.1/ETP 1.2 concurrently with seamless conversion between versions, XML & JSON documents, stream data processing and advanced analytics. Octopus Store runs anywhere from the rig to cloud with 1000's of wells and billions of data-points.

Features:

Supports Open standards

- WITSML 2.1 / ETP 1.2 API
- WITSML 1.4.1.1 SOAP API, certified
- WITSML 1.3.1 SOAP API, certified
- Apache Arrow Flight (coming)
- Extensible to other standards (PRODML, RESQML, OPC, OSDU)

Operate WITSML 1.4.1 and WITSML 2.1 concurrently with standards conversion

- Seamless live translation between 1.4.1.1 and 2.1

Native support for both XML and JSON objects to support OSDU and other consumers of JSON

High speed sub-second streaming time series and depth series data

Security management, able to segregate well data based on variety of permissions and access rights

Easily scales to accommodate additional active wells and users

- 1000's of wells and billions of datapoints

Open APIs provide for end user extensibility and application development

Integrates with 3rd. party streaming analytics and calculation systems

On Edge, On Premise or Cloud Deployment

