

# TIBCO OpenSpirit

## BENEFITS

- Dramatically improve user productivity by providing more timely access to data. Customers report time savings of more than 90% in accessing data. What used to take five days can now take two minutes.
- Improve the quality of decisions by incorporating all relevant data.
- Eliminate costly mistakes that occur with intermediary exchange file formats by automatically converting units and coordinates.
- Choose best-of-breed applications from a variety of vendors without sacrificing interoperability.
- Lower the cost of switching application vendors and avoid vendor lock-in.

TIBCO OpenSpirit® products provide effective and efficient methods of connecting diverse applications and data repositories for creating fit-for-purpose workflows for E&P professionals. With multi-vendor application and data interoperability, OpenSpirit drives cross-disciplinary collaboration to get the job done right, right from the start.

## TIBCO OPENSPIRIT CONNECT

TIBCO OpenSpirit® Connect Bundle uses OpenSpirit connectivity to geotechnical data and applications, along with TIBCO's enterprise service bus, to help you create custom web services and applications typically used to automate data transfer between data stores. It also includes pre-built REST web services that expose OpenSpirit data, unit, coordinate, metamodel, and event services.

## TIBCO OPENSPIRIT CONNECT SUB-SURFACE VIEWER

TIBCO OpenSpirit® Connect Sub-Surface Viewer, developed in conjunction with INT, is an add-on for OpenSpirit Connect. It is a customizable platform for viewing and analyzing E&P data across desktop and mobile devices. Written natively with HTML5 technologies, OpenSpirit Connect Sub-Surface Viewer lets users access and analyze domain data quickly, easily, and securely from any compatible web browser.

## TIBCO OPENSPIRIT DATA CONNECTORS

OpenSpirit data connectors connect to diverse data stores through a consistent programming interface. Using the OpenSpirit common data model, applications are shielded from differences between vendors' data models and storage formats. Connectors are available for varying versions of:

- OpenWorks
- GeoFrame
- Kingdom
- Petra
- Finder
- PPDM
- Managed SEG Y
- Recall
- EPOS
- ArcSDE

## TIBCO OPENSPIRIT COPY MANAGER

An optional plug-in for OpenSpirit Desktop, TIBCO OpenSpirit® Copy Manager transfers well, seismic, and interpretation data between projects. Unit conversion and coordinate conversion is automatic.

## TIBCO OPENSPIRIT COPY RULE MANAGER

Another plugin for OpenSpirit Desktop, TIBCO OpenSpirit® Copy Rule Manager sets up business rules for data transfer of entities (well bore) and attributes/columns (well identifier, well name). In addition to controlling and enforcing business rules, OpenSpirit Copy Rule Manager ensures that bad data is not replicated across data stores or projects.

### TIBCO OPENSPIRIT SCAN UTILITY

TIBCO OpenSpirit® Scan Utility extracts spatial data and related attributes from well, seismic, and interpretation data via an OpenSpirit data connector. It can be scheduled to crawl during off-hours, and it outputs spatial data to shape files, a file geodatabase, or ArcSDE. Output spatial features carry an OpenSpirit datakey so selection events can be sent from the map interface to other OpenSpirit enabled applications, causing them to retrieve the selected data from the original source.

### TIBCO SPOTFIRE EXTENSION FOR OPENSPIRIT

TIBCO Spotfire® Extension for OpenSpirit® allows Spotfire users to access data from any data store via its OpenSpirit data connector. Unit conversion and coordinate conversion is automatic and binary data (well logs, directional surveys) is readily accessible.

### THIRD-PARTY APPLICATION ADAPTERS

Many third-party application vendors tie into OpenSpirit to access data and allow cross-vendor application interaction. The [Application Adapter Matrix](#) lists a subset of vendor applications that use OpenSpirit and the data and event types they support.



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