



Upstream Oil & Gas Exploration & Production Data Management

ENABLING OIL AND GAS COMPANIES TO AUTOMATE AND STREAMLINE THEIR E&P DATA MANAGEMENT ACTIVITIES — WITH ONE PRODUCT

Your company's geoscientists and geotechnicians probably spend 30-70% of their time gathering the correct data – before they can even get around to analyzing it. This slow and unreliable process results in lost productivity, poor data quality and inaccurate drilling decisions.

Are you looking for a better way to:

- Obtain and manage vast amounts of geotechnical data?
- Accelerate access to current and accurate data?
- Maximize oil production and minimize operating expenses?

EnerConnect breaks down the barrier between your geoscientists and the info they need for fast, accurate decision-making

The Software AG and Volant Solutions partnership addresses many of the critical E&P data management challenges.

With accuracy as a key, the Software AG/Volant solution, EnerConnect, provides a constantly refreshed index that allows for “Amazon.com” type searching and browsing to find and request the proper information for a particular prospect evaluation project. The EnerConnect front end submits the request to the Software AG Integration Services Platform for execution.

EnerConnect allows for two-way synchronization and automated data updating, as well as the more common one-way data transfer to the geoscience community.

Versatile technology platform

Solve your organization's evolving integration needs by employing a configurable, extensible and scalable platform, built upon an open, contemporary Service Oriented Architecture (SOA).

Maximize data value

Eliminate lost productivity and missed opportunities by getting your hands on the right data at the right time.

Ensure data currency

Address the challenge of keeping project data current with master data or relevant data in other projects.

FEATURES

Routing and messaging

- Delivers data to specific destinations based on business logic, user request or data content
- Supports synchronous or asynchronous messaging utilizing a store-and-forward transaction model

Transformations and alerting

- Transforms complex data and map source, and targets syntactic and semantic differences
- Notifies pertinent users and administrators of system conditions that occur within the EnerConnect system

Transactions and monitoring

- Records, tracks, and reports on each transfer or synchronization job processed by the system
- Uses system health information to manage transactions, resources and configuration parameters

Security and logging and clustering

- Provides secure encryption of sensitive information, resources and configuration parameters
- Provides easy visibility into the behavior of the EnerConnect Platform
- Increases high availability, load balancing and performance with system reliability and robustness

Web service Generation and invocation

- Graphically exposes integration logic services as WSDLs — easily taking any integration logic service and creating a Web service or WSDL
- Invokes WSDLs with any third-party or external client capable of invoking a Web service
- Eliminates manual coding required to invoke other Web services
- Takes any external Web service or WSDL and binds to that service using our graphical toolset

Software AG Integration Server

The Software AG Integration Server is not only the foundation of your Service-Oriented Architecture (SOA), it is also the host to expanded integration needs hosting other platform run-times such as orchestration, partner and adapter integration. Since these services are built into the Integration Server, you are able to quickly and easily expand your partner community and adapter connectivity.

EnerConnect Transfer (Volant Solutions)

EnerConnect Transfer allows users to query, locate and transfer G & G data from multiple data sources directly into an interpretation project for immediate use.

EnerConnect Synchronization (Volant Solutions)

EnerConnect Synchronization provides the ability for a geoscientist or geotech to define, schedule and manage the process of synchronizing technical data between disparate geosciences applications and data stores.

KEY BENEFITS

- Increases productivity of geoscientists by eliminating the manual exporting, reformatting and importing of data into your geoscience applications
- Provides quick response for interactive queries and reliable data delivery
- Preserves data integrity and ensure data accuracy. Improve re-use of the analysis created
- Provides user visibility into the vast amounts of geotechnical data available to users both inside and outside of the enterprise
- Allows an administrator to gather metrics on the usage of the system for reporting and auditing purposes
- Facilitates the tracking and resolution of system issues, such as missing data in a source system
- Decreases the purchase of duplicate commercial data and improve the sharing of purchased data

- Leverages existing software investments and expose those assets to the enterprise as business services. Take any integration logic service and create a shared Web service
- Achieves rapid development and change to accommodate the business through open, standards-based integration that enables rapid use and deployment of Web services
- Gains faster service development via graphical service creation that allows you to build, edit and test integration logic, without the need for low-level coding

Take the next step to transform information into revenue - faster.

To find the Software AG office nearest you, please visit www.softwareag.com

ABOUT SOFTWARE AG

Software AG is the world's largest independent provider of Business Infrastructure Software. Our 4,000 global customers achieve measurable business results by modernizing and automating their IT systems and rapidly building new systems and processes to meet growing business demands.

Our industry-leading product portfolio includes best-in-class solutions for managing data, enabling service oriented architecture, and improving business processes. By combining proven technology with industry expertise and best practices, our customers improve and differentiate their businesses – faster.

Software AG – Get There Faster

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