# MarketView Data Integration by drillinginfo Solutions

Smooth delivery of market and proprietary data.



With data integration solutions from MarketView by Drillinginfo, you achieve smooth delivery of market and proprietary data to your CTRM, ERP, BI tools, confirmation, invoicing, or other downstream systems with a end-to-end data integration solution.

#### **Web Service**

A lightweight and highly scalable service that provides on-demand access to tick, intra-day, and historical data, news and price corrections all delivered through a RESTful web service API. Access global commodity data in XML, HTML, CSV, TSV, JSON and SOAP formats using either a POST or GET request.

#### .NET

A robust LINQ-based SDK developed on the .NET 4.6 framework which supports both snapshot and streaming query types. Make RESTful gueries on-demand or leverage our publish-subscribe model to maintain a persistent connection to our data centers

for real-time tick by tick updates. Develop your own UI for the front or middle office leveraging any of the .NET programming languages or use the SDK as a raw data feed to power risk management or back office systems.

#### **Proprietary Data Hub**

The MarketView Proprietary Data Hub by Drillinginfo (PDH) allows companies to store, manage, integrate and distribute highly sensitive customer proprietary data from your own environment while leveraging in parallel the benefits of MarketView's SaaS-based architecture for exchange, price reporting agency, broker, and public commodity market information. The PDH acts as a proxy and routes all requests for customer proprietary

data to the PDH, while dynamically redirecting all queries for traditional data from sources such as ICE, Nymex, Platts, Argus and others to the Drillinginfo datacenters. Clients of the PDH may utilize in-line formulas and userdefined formulas to easily blend customer proprietary data with traditional exchange data in all MarketView front, middle, and back-office products and services.

## MarketScript®

A flexible proprietary scripting language for manipulating time series data. Develop simple spreads or custom formulas spanning multiple lines of code. Save any MarketScript as a User Defined Formula which can be shared with other members of your team.



#### **Extract**

Data Extract is an automated data delivery service that provides a convenient and reliable delivery mechanism for a variety of data including exchange, broker, and benchmark pricing. Customers select the data they need, the format they need it in, and the time they want it delivered, and Data Extract will do the rest. Data Extract can run post close or on an intra-day basis and delivers the data to you in a structured file format via FTP.

#### CurveBuilder

Traders, analysts and risk managers can easily develop, test and automate the generation of simple or complex curves using an Excel like interface, without the aid of a specialist. Leverage MarketView CurveBuilder by Drillinginfo's straight-through processing capabilities to schedule, validate and push curves downstream to a C/ETRM platform or to other users on the enterprise-wide network. Develop curves privately in a sandbox or choose from an extensive library of publicly accessible curves from providers such as Platts, Argus, CME and ICE. Adjust curves using industry standard roll rules or develop unique rules using MarketView CurveBuilder function library. CurveBuilder's built-in auditing capabilities provide total transparency and version control.

#### **Python**

Leverage the power and flexibility of Python to retrieve and analyze quote and time-series data from over 350 distinct global sources. Query intra-day, daily, weekly, monthly and yearly data and manipulate data in a variety of ways including filling forwards and backwards, rolling, merging and more. Convert units of measure, underlying currency and currency source for any instrument.

## **Xchange**

Harness the power of MarketView Xchange by Drillinginfo via MarketView ExcelTools and greatly reduce your organization's proprietary data distribution efforts and provide greater downstream analytics for your consumer base. With MarketView Xchange's easy to use Excel interface, users can quickly update and share proprietary data with other users in real-time virtually eliminating the need to update and email spreadsheets to distribution groups or save spreadsheets and data to a specific location for others to consume.

The R SDK allows R statistical computing application users to query and analyze MarketView by Drillinginfo data directly within the R interface. R provides a wide variety of statistical (linear and nonlinear modelling, classical statistical tests, timeseries analysis, classification, clustering) and graphical techniques – and it's highly extensible.

#### **MATLAB®**

Integrate the Drillinginfo comprehensive realtime and historical data catalog with the power of MATLAB to perform deep statistical analysis, create custom graphics, and run data simulations. MATLAB users can directly access Data Integration Solutions 2 any of the numerous commodity market data sources available in MarketView for analysis and manipulation, including customer proprietary data. The combination of high quality data in MarketView and the power of MATLAB provides a powerful and flexible platform for computational methods such as curve building, back-testing, Monte Carlo simulation, and risk management.

#### **VBA**

Seamlessly retrieve quote and historical data with Visual Basic for Automation (VBA). Query intraday, daily, weekly, monthly, quarterly, or yearly data for a specific date range or a number of days back. Change an underlying unit of measure or currency and currency source for any instrument. Choose from over 75 fields for quote and timeseries display and use macros to schedule the execution of your tasks at a specific date and time to automatically generate a desirable output.

#### Spotfire®

Access and combine all of your data in a single analysis to get a holistic view of your business with the Drillinginfo data adapter for TIBCO's Spotfire®. This BI data visualization and analytics software delivers the most complete set of analytics unified on a single, centrally-managed platform. Blend MarketView by Drillinginfo comprehensive market data and news with other internal, external, structured, and unstructured data in real-time to quickly uncover insights for better decision-making. With Drillinginfo and Spotfire's BI software, users can easily interpret large volumes of data, identify new opportunities, and implement an effective strategy based on insights.

#### **Wall Display**

Customize your electronic wall displays with global commodity data and powerful decision support tools from Drillinginfo. Design your own pages to include real-time or delayed market data, charts, curves, news and more. Schedule projection timing and rotation on a single display or multiple displays.







PROACTIVE

**EFFICIENT** 

By monitoring the market, Drillinginfo continuously delivers innovative oil & gas solutions that enable our customers to sustain a competitive advantage in any environment.

Drillinginfo customers constantly perform above their competitors because they are more efficient and more proactive than the competition.

## **Award Winning**









