

DataHarvester™

DataHarvester™ automates the gathering of energy and financial market data from all sources. DataHarvester™ is an essential infrastructure tool, as it supports analytics, trading, risk management, and data intensive operations.

DataHarvester™ Advanced Analytics Behind Everyday Use

DataHarvester™ gathers information from web sites, Excel files, email attachments and text, combining data into a centralized location. It automates the gathering of disparate and difficult to read data sources to be a click away. Forward and spot market prices and system data are systematically harvested into a database for distribution across your company.

Data sources include nearly every broker sheet or website of market data such as:

- Amerex
- Prebon
- EvoMarkets
- ICAP
- GFI
- TFS
- Clearport
- NYMEX
- Platts
- Kiindex
- Spectron
- TrueQuote
- ICE
- ISO's
- AEBruggemann

With intelligent processing, DataHarvester™ adapts to changing formats and notations, simplifying a complex task and monitoring data quality. Handling missing records and hard-to-read data sources, the data monitoring system maintains system checks on processing status with ease and accuracy. DataHarvester™ provides data integrity checks, generating dynamic logs and automated email notification.

Unique Product Values

- Adaptable to complex broker sheets, email text, and internal files
- Provides a job management system with automatic notification of harvest status and potential data issues
- Maintains integrity of data translation process through check sum reports
- DataHarvester™ provides a dynamic link to input broker and exchange data sources and databases

The screenshot shows the 'NymexOptions.hrv - Harvester (Fixed Length Text)' window. It displays a multi-step configuration process for data harvesting. Step 1 involves selecting the protocol (HTTP or FTP). Step 2 involves specifying the URL. Step 3 involves specifying the database name (CDDEV1) and table name (NYMEXOPTIONS), and defining field names and sizes. Step 4 involves selecting the data area. Step 5 involves selecting the first data row. Below the configuration steps, there is a 'Data Source' summary table and a 'Translated Records' table.

DataSource:	TFSPower
TimeStamp:	13MAR2008:16:49:06
FileId:	214925
FileName:	2008-01-30 (W-EI)
TransactionDate:	1/30/2008
DateLoaded:	03MAR2008:10:46:12
GoodRecords:	182
ExcludedRecords:	0
BadRecords:	130
GoodCheckSum:	13,817.05
ExcludedCheckSum:	0
BadCheckSum:	927.75
TotalCheckSum:	14,744.80
RawCheckSum:	14,744.80
Difference:	0

Translated Records	# Forward	Status
COB_OFF	26	OK
FC_OFF	0	MISSING
MEAD_OFF	26	OK
MIDC_OFF	26	OK
NP15_OFF	0	MISSING
PV_OFF	26	OK
SP15_OFF	0	MISSING
COB_ON	26	OK
FC_ON	0	MISSING
MEAD_ON	26	OK
MIDC_ON	26	OK
NP15_ON	26	OK
PV_ON	26	OK
SP15_ON	26	OK

DataHarvester™ automates your data collection needs

DataHarvester™ automates and streamlines data parsing and relocates results to specific locations or databases. It provides an automated and continuous data extraction and loading solution that eliminates significant human intervention. This will cut time and costs, while reducing the potential for error and providing users with up-to-date accurate content collection.

Credibility

Ascend software serves as the market data infrastructure solution for America's largest utility, Exelon, and many other energy industry leaders

ASCEND

ANALYTICS

Quantitative Solutions for Energy Risk



Boulder, CO | Berkeley, CA | Boston, MA | Bozeman, MT

Tel: 303.415.1400

www.ascendanalytics.com