



ZEMA Data Manager is a fully automated scheduling engine that centralizes massive volumes of external market and internally generated corporate datasets creating a single point of access for mission critical systems.

How it Works

By ensuring the data is centralized, **Data Manager** provides a backbone for rapid, consistent, and effective decision-making. The software application eliminates common problems faced by companies that stem from delays, gaps, errors, and duplication from existing data management processes. The database created by **Data Manager** is fully scalable with an open architecture back-end that provides a robust and reliable way to integrate business processes with the entire ZEMA Suite.

Data Manager's Features:

- Creates a self-populating real-time data hub with extensive history
- Collects data from a wide range of data providers including brokers, public provider, exchanges, financial firms, weather sites, publishers, and internally generated sources
- Provides timely enterprise-wide access to data for integration with various business processes and downstream systems
- Supports messaging and notifications for data updates and important events
- Enhances data quality and timeliness through automated data checking and validation procedures
- Integrates easily with corporate business intelligence, trade and risk, settlements, and ERP systems

Unrivaled Data Collection

Data Manager captures data from an extensive number of electronic location and formats regardless of the source posting frequency. Clients are able to select from **Data Manager**'s pre-existing data catalogue or identify new sources that need to be collected. Regardless of where the data comes from, ZE's team can collect it.

Extensive Data Catalogue

With a data catalogue of more than 400 unique data providers and almost 4000 market data reports, **Data Manager's** database is unmatched and is growing constantly.

Data Companies Can Trust

Data Manager provides data that companies can trust. Through advanced automated processes and dedicated data monitoring teams, the data that is collected by **Data Manager** is timely, accurate, and clean.

Integration Made Easy

Data Manager's open architecture database provides organizations with the option to easily integrate with messaging, trade, risk, settlement, analytics, accounting, and downstream systems, as well as integrating with custom-built applications. **Data Manager** is built on industry standard database platforms, which fit naturally into the corporate technology stack.

Data Manager can publish real-time data and event messages to internal message buses and middleware, further simplifying the integration efforts.

Licensable API to Build Interfaces

Clients have the option of building their own custom data interfaces with **Data Manager's** licensable API. The client's internal software developers can collect data from any internal or external data sources and then use the **Data Manager** user interface for easy monitoring, scheduling, and ongoing importing side-by-side with the other sources that are already running.

Data Diversity

Format:

- HTML
- XML
- Text
- PDF
- Excel

Location:

- (s)FTP
- HTTP(s)
- Email
- Local directories
- Internal databases

Time granularity:

- On the second
- Minutely
- Hourly
- Daily
- Monthly
- Annually

Commodities:

power, natural gas, oil, coal, agriculture, metal, financial, transportation, etc.

Data types:

price, transmission flow, forecasts, emissions, weather, pipeline flow, volume, storage, hydrology, settlements, outages, FTRs, derivatives, etc.

Public data providers:

ISOs, Power Pools, energy exchanges, financial firms, weather sites, regulatory and government agencies, public associations, etc.

Exchanges:

CME, DME, CCFE, NGX, MGEX, ICE, LME, SHFE, CBOE, SGX, etc.

Other publishers:

Amerex, Argus, Barchart, Bentek, Carbon Market Data, Dow Jones, Enerdata, EOX, Genscape, IIR, ICIS Heren, Imarex, MDA, Natsource, NGI, OPIS, Platts, PRT, Spectron, Weather Insight, WSI, etc.

Internal client data:

forward curves, metering, trade activity, customer data, pricing, model results, etc.