

# Systemathics Data Mining Engine

Accuracy, Integrity and High Performance



## Historical data normalization High quality data mining

### HISTORICAL DATA MANAGEMENT

- Multi-Assets / Multi-Data Sources
- Level 1 & Level 2 data support
- Neutral symbol mapping

### OPEN BUSINESS MODEL

- Open data models
- Flexible
- Extensible

### SERVICES & SUPPORT

- Custom implementation and integration
- Historical data audit and normalization
- Data management, backup and migration

Normalize and Consolidate Historical Data for Equities, Forex, Derivatives, Commodities, Fixed Income and more.

Take advantage of multi-core processing and multi-threading to generate data for back-test, stress-test and production.

Facilitate data management and ensure data integrity & perenity.

Ability to extend the set of functions and indicators with a comprehensive SDK.

Binary Storyboards for highest in class streaming performance

Watch-list based data queries

Compatibility with 32-bits and 64-bits architectures

Combine native exchange data and third-party historical data in a single database

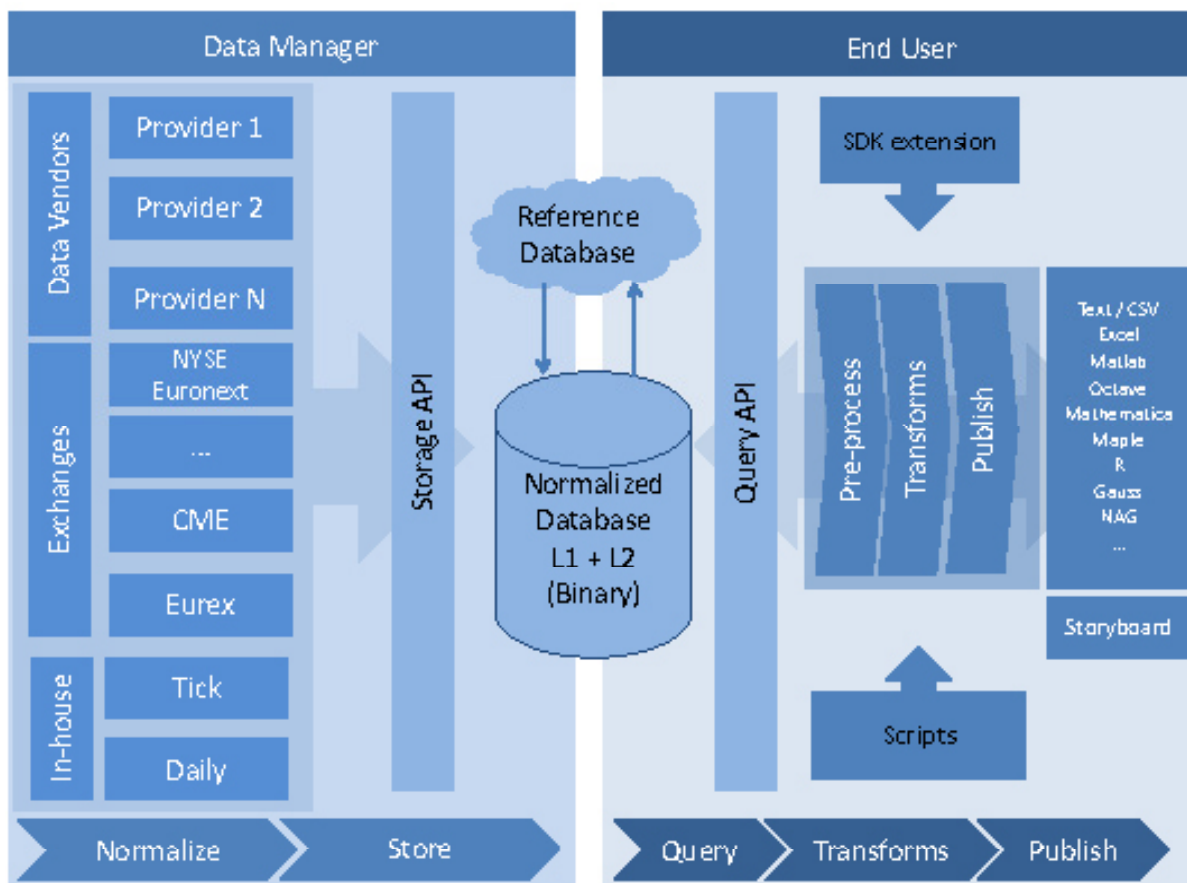
Multi-core processing and Multi-threading

Systemathics Backtest Engine native support

Scripting capabilities for batch and overnight simulations

VWAP, Corporate Actions, Bars, Sampling and more

Write your own sophisticated time-series indicators



## MULTI-SOURCES

- Data normalization from multiple historical databases
- Handle massive amounts of historical data
- Market book consolidation and aggregation

## USER FRIENDLY

- Comprehensive SDK with samples and tutorials
- Standard and customized file formats
- Comprehensive set of standard analytics

## DATA MANAGEMENT

- Easy backup and replication
- Sanity and integrity checking tools
- Scripting capabilities