

# Systemathics Tick Capture Engine

Flexibility, Scalability and High Performance

Systemathics 

Tick Data Management

## Capture market data

### TICK DATA MANAGEMENT

- Multi-Assets / Multi-Venues
- High Performance, Low Latency
- Raw and Normalized Data Storage

### OPEN BUSINESS MODEL

- Open data models
- Flexibility
- Extensibility

### SERVICES & SUPPORT

- Custom implementation and integration
- Learning and knowledge transfer
- Data management, backup & migration

Store Equities, Forex, Derivatives, Commodities, Fixed Income and Energy using a centralized system

Access tick data with your usual applications by leveraging the open and normalized data models

Ensure that crucial tick data is held in a robust and compact manner

Facilitate tick data management and ensure its integrity and perenity through user friendly and industrial tools

Native, FIX, Reuters, ICE, CME, Trading Screen, Bloomberg, Custom ...

Low latency data capture

Normalized referential with extensible asset types

Normalization of Level 1 and Level 2 data feeds

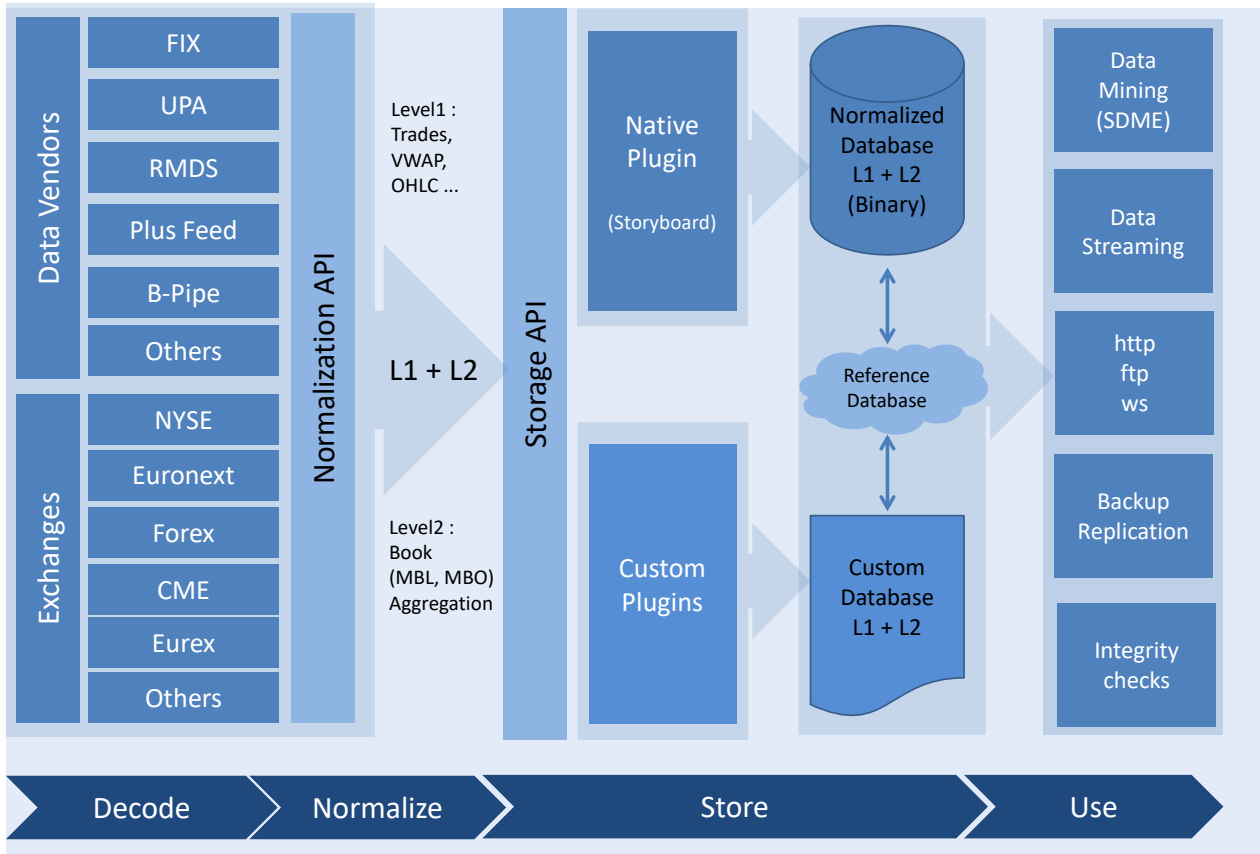
On the fly compression and checksumming

Remote Data access : FTP, HTTP, Web Services ...

Compatible with Matlab, Excel, R, Mathematica and common analytics

Efficient and extensible storage models : flat file, SQL and Azure

Open data models and APIs



### CONNECTIVITY NEUTRAL

- Connect to multiple data sources at the same time
- Handle massive amounts of real-time market data
- Market Book consolidation

### REFERENTIAL MANAGEMENT

- Keep your existing symbol naming conventions
- Nightly automatic update
- Global data coverage across all asset classes

### ADMINISTRATION

- Easy data management, backup and replication
- User friendly sanity checking tools
- Scripting capabilities