

Systemathics Tick Capture Engine

Flexibility, Scalability and High Performance



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

FIX, Ullink, Reuters UPA & RFA,
Interactive Data Plus Feed,
Quant House, Flextrade, RTS ...

Low latency data capture

Normalized referential with
extensible asset types

Normalization of Level 1 and
Level 2 data feeds

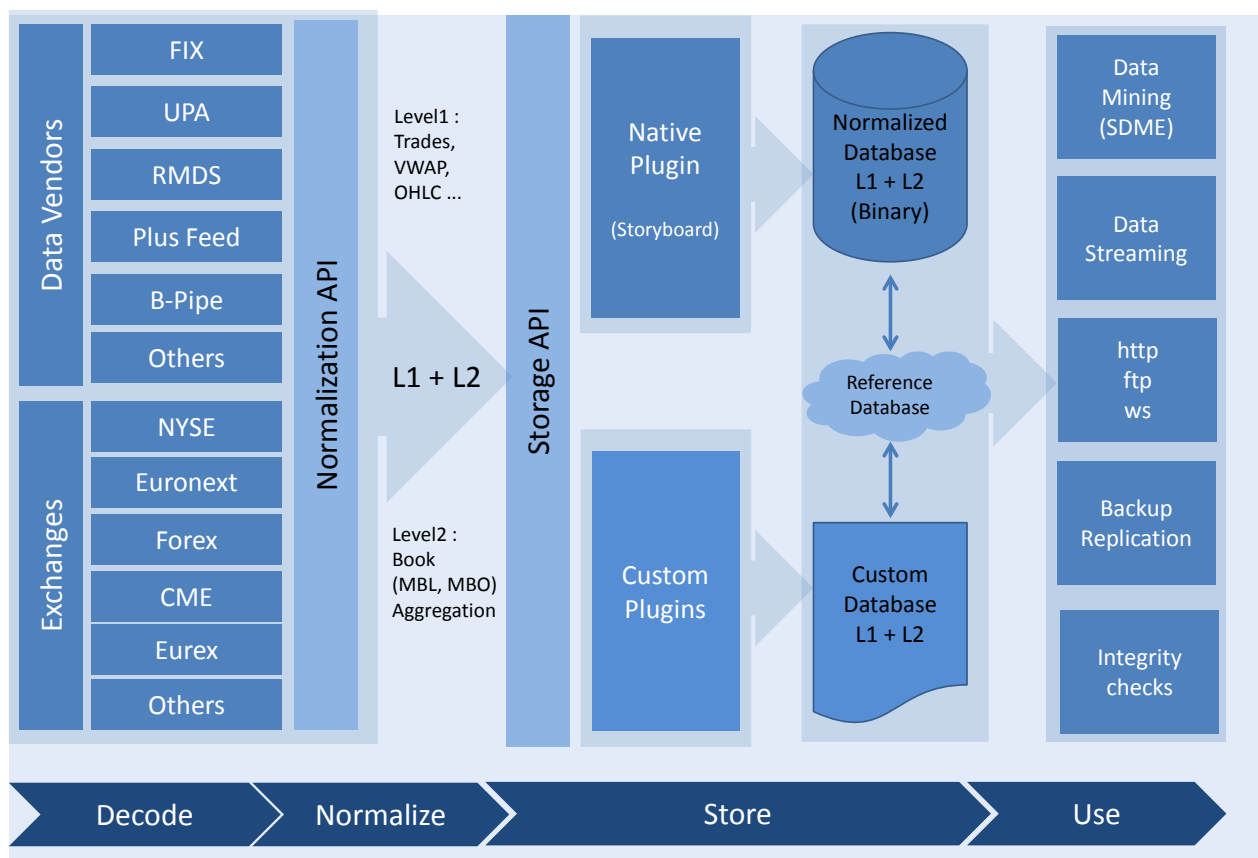
On the fly compression and
checksumming

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