

- Software in silicon event sources
- Accelerated lambda functions
- Edge, serverless applications
- SQL access to near-real time data at scale

Accelerate your models. Including:

- Time-series (HoltWinters, ARIMA)
- Clustering (nearest neighbors, nn-classification, nn-regression, etc.)
- Regression and Classification (linear, log, lasso, Naive Bayes, SGD, Random Forest, SVM)
- Model Explainability

Soft Streams

Rapid Streams massively accelerates all the functionality included in SigmaX Soft Streams. Soft Streams includes:

- Apache Pulsar
- Apache Trino
- Apache Superset

Durable pub/sub messaging solution with 3 ways to access your data



SOFT STREAMS

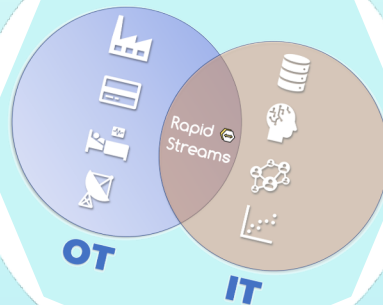
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Software in Silicon

Data event source conversion to Apache Arrow, in silicon. 100X lower latency ingesting data

- **Machine speed** applications
- **Industrial:** Factory floor near real-time connection to AI models for robotics or preventative maintenance.
- **Financial:** Real-time events fed to complex models.
- **Government:** Tactical data streams normalized and accessible real-time.

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 **ARROW**
 **ARROW Flight**

3

Apache Arrow

Language independent memory format and libraries. Organized for high performance analytic operations.

Zero-copy reads and lightning-fast data access without serialization overhead.

Arrow Flight offers access to Arrow data in-memory and on the edge. Authentication produces a gRPC stub for direct data access.

AI+ML Models

- 100's of existing MLOps models enabled at machine-speed for real-time event and outcome modeling.
- Nvidia core AI models are improved for record-order at ingest
- General Linear Models predict failure or behavior of systems and people
- Models access in-memory data, so they are lightning-fast. Data is also distributed so it scales.

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