

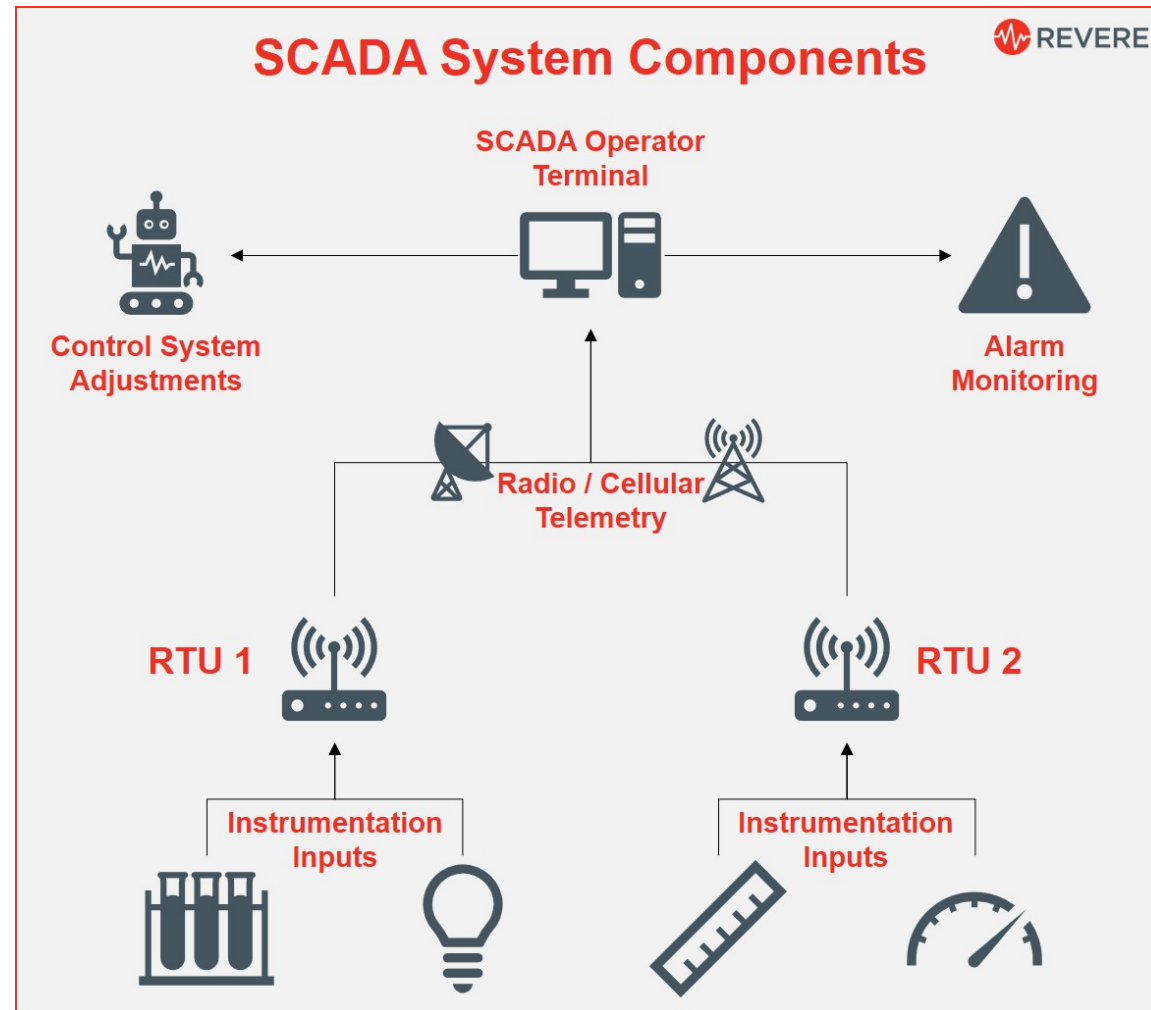
The Analytics and AI Platform for Time Series at Scale

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THANK
YOU













(timestamp , measurement)

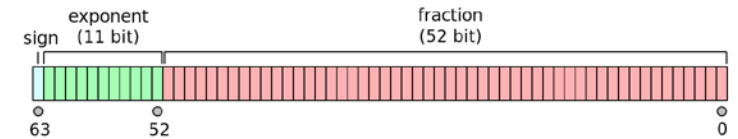
64-bit integer

$[-(2^{63}), 2^{63} - 1]$

Or

$[-9,223,372,036,854,775,808, 9,223,372,036,854,775,807]$

64-bit float



$$(-1)^{\text{sign}} (1.b_{51}b_{50}\dots b_0)_2 \times 2^{e-1023}$$

PingThings PredictiveGrid™ Overview

Asynchronous or streaming data ingest from any sensor, historian, file format, and more.

Horizontally scalable time series database complete with queries based on:

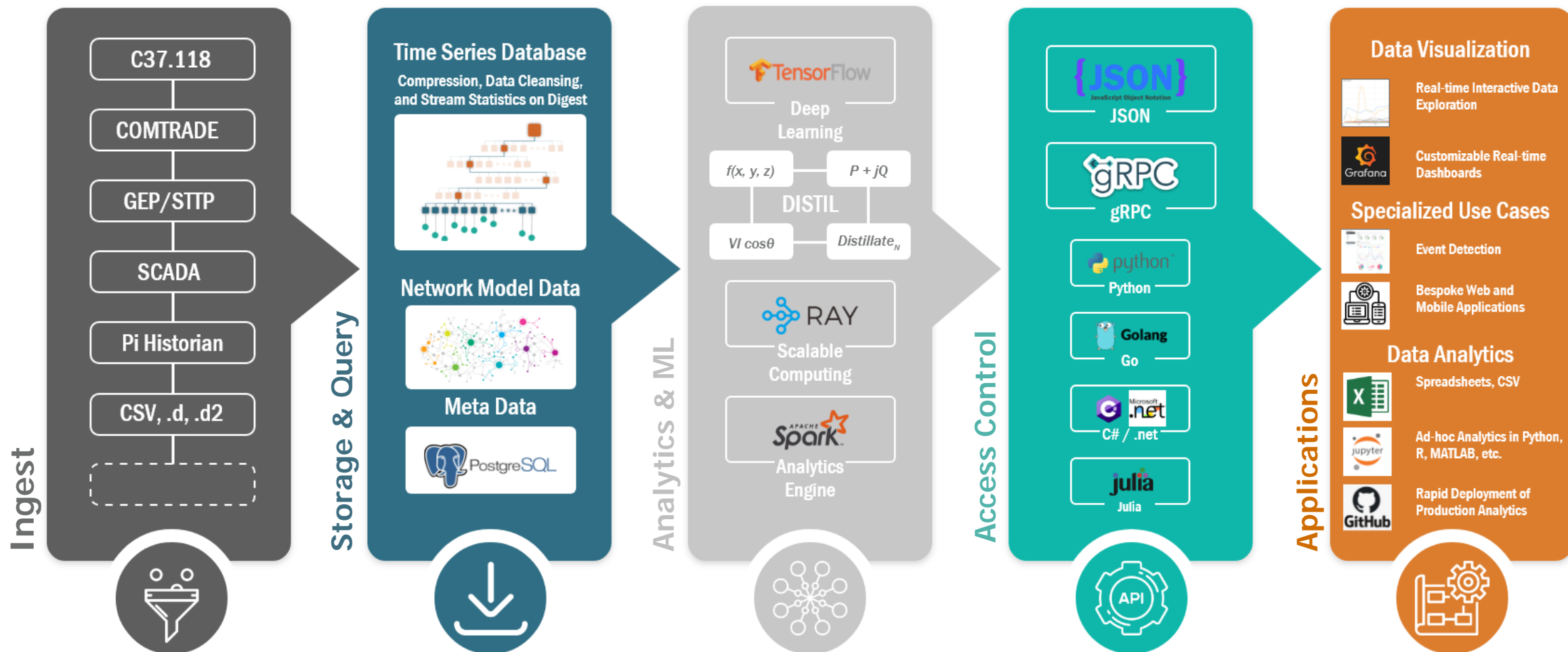
- Network topology
- Geospatial information
- Metadata

Integrated support for:

- Signal processing at scale
- Deep learning
- Big data analytics
- Scalable computing

Use the data in any way you can imagine with robust and precise access control in numerous languages.

Use our expanding suite of applications or build your own.



Competitive Dominance with Cost Effectiveness

More Scalable

Horizontal Scalability in Data and Analytics

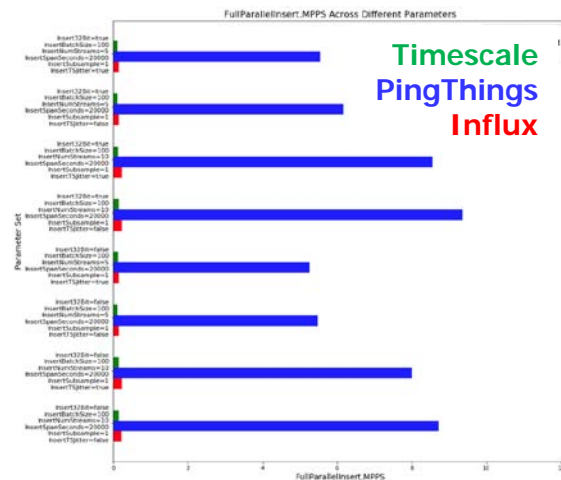
Scales to

- petabytes of data
- millions of streams
- MHz sampling rates
- 100's of millions of points/s

Faster

Blazing Fast Performance

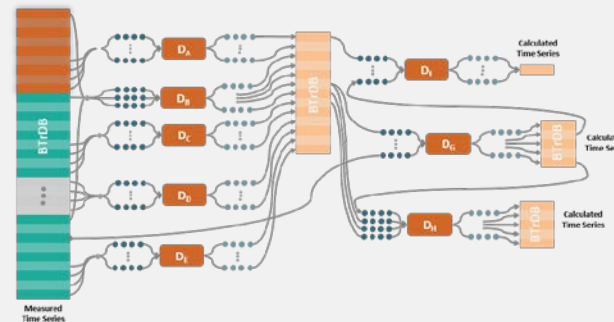
- > **10-1000x** faster
- Proven **10,000x** faster for common operations
- Log(n) aggregations
- Read 15M pts/s/node
- Write 30M pts/s/node



Built for Analytics

Analytics and AI at Scale

- Custom distributed signal processing framework
- Rapidly develop and operationalize use cases
- Integrates with leading big data frameworks



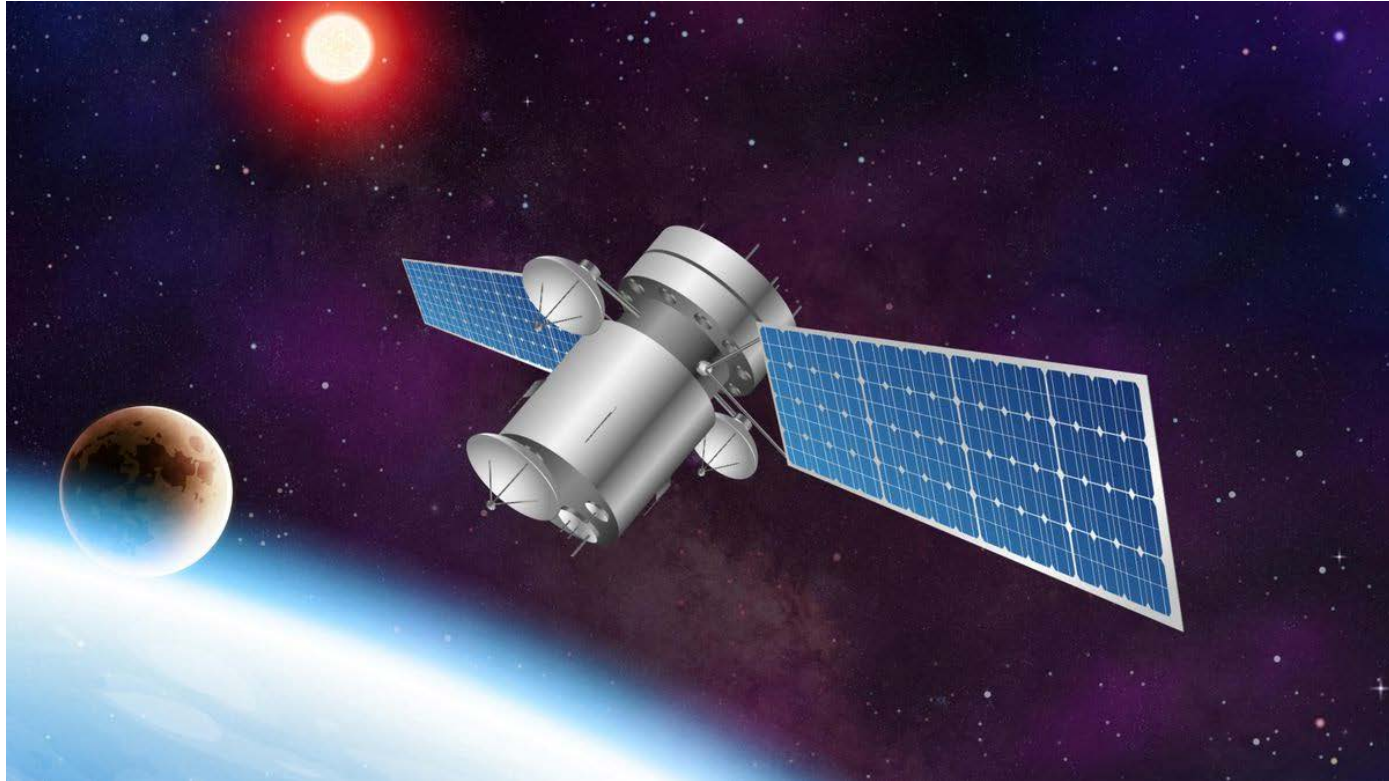
Cost Effective

Designed for ROI

- Scale compute and storage independently
- Leading data compression
- Intelligent storage tiering to optimize cost and performance
- Multiple levels of redundancy
- Fully containerized
- Horizontally scalable
- Intrinsically distributed
- Cloud agnostic









World Class Team – Quadrupled in Size



Sean Patrick Murphy
Chief Executive Officer



- Built million-dollar data consulting firm
- Senior scientist at JHU APL focused on time series analytics and high-performance computing



Dr. Michael Andersen
Chief Technology Officer



PhD, EE and CS, U. of California Berkeley
Dissertation: Practical Decentralized Authorization With Delegation

Described by UCB Dean as a “generational talent”

An Incredible Technical Team

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