ONETICK CLOUD | KX

Institutional-Grade Market Data & Analytics for Hedge Funds

Accelerate time from Tick to Signal

For Systematic Funds, Quant Firms, and Prop Trading Groups

OneTick Cloud is a high-quality, on-demand managed time-series data and analytics platform providing instant global market data that seamlessly fuels compute and analytics engines. For hedge funds constrained by legacy databases or home-grown systems, OneTick Cloud offers a single vendor end-to-end solution, significantly reducing the time from tick to signal.

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The Challenge:
The Infrastructure Bottleneck

Positioning OneTick Cloud depends on the maturity of the client. You are either solving a "Launch Velocity" problem for new funds or a "Scale & Efficiency" problem for established firms.

- "It takes forever to get reliable, cleaned data for new markets."

- "Our backtests and research are slow because data isn't aligned or optimized."

- "We are storing massive datasets but can't run point-in-time or order-book queries easily."

- "Infrastructure limits are blocking analytics, replay, or deeper market-microstructure work."

The Solution:
Fully Managed Market Data

OneTick Cloud eliminates the need for local infrastructure, offering a fully managed cloud platform with automatic updates.

- **Global Multi-Asset Coverage:** Access high-volume tick, order book, and reference data across 200+ global markets across equities, futures, options, FX, fixed income, crypto, and digital assets.

- **Pre-Normalized & Cleaned:** Data is curated, adjusted, symbol-mapped, and ready to query immediately, ensuring rapid time-to-analysis.

- **Elastic Scale:** The platform is designed for bursts of data, whether for heavy backtesting, replay, or stress tests.

For New PM Groups & Fund Launches

- **Escape the "Build Trap" (Save 24–51 Weeks):** Building a historical data environment is the hidden delay in every fund launch. Sourcing history (4–10 weeks), mapping symbols (5–10 weeks), and managing corporate actions (3–5 weeks) drains months of runway. OneTick Cloud cuts this timeline to 0 days, giving you instant, pre-normalized access to 200+ global markets.

- **Preserve Startup Capital:** Avoid the >$150,000 upfront CapEx required to build a self-provisioned tick history environment. OneTick Cloud replaces uncertain infrastructure costs with a predictable, fully managed OpEx model, allowing you to allocate capital to talent and alpha generation.

- **Institutional Credibility on Day 1:** Demonstrate best execution and rigorous backtesting immediately. Access institutional-grade depth-of-book (L2/L3) and "replay-ready" data across Equities, Futures, FX, and Crypto without hiring a data engineering team.

For Established Groups & Enterprise

- **Power Your KX Engine:** If you are utilizing KX's industry-leading compute and analytics engines, you need high-quality fuel. OneTick Cloud complements KX by providing instant, global market data that seamlessly feeds your existing engines. This creates an end-to-end solution from a single vendor, significantly reducing the time from tick to signal.

- **Stop Being "Data Janitors":** Your high-value quant researchers often spend 80% of their time cleaning feeds, handling corporate actions, and aligning timestamps. We automate the "dirty work" of data curation so your team can focus entirely on modeling and strategy.

- **Elastic Scale for Burst Workloads:** Don't let infrastructure limits block your research. OneTick Cloud provides elastic compute to handle burst workloads—such as multi-year backtests, market replay, or stress tests—that would otherwise choke local servers.

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Is OneTick Cloud Right for Your Strategy?

If your team is expressing any of the following symptoms, your current infrastructure is likely capping your performance.

For New PM Groups & Fund Launches

- **The "New Market" Delay:**
  - *The Symptom:* You want to trade a new asset class (e.g., Crypto, Futures, or Global Equities), but the lead time to onboard reliable data is measured in months.
  - *The Solution:* OneTick Cloud provides instant, normalized access to these markets, turning months of onboarding into minutes.
- **The Depth Requirement:**
  - *The Symptom:* Your strategy relies on Market Microstructure or Order Book Dynamics (L2/L3), but you lack the granular history to prove your model.
  - *The Solution:* We provide full depth-of-book, market-by-order, and consolidated liquidity data needed for rigorous execution analysis.

For Established Groups & Enterprise

- **The Engine Starvation:**
  - *The Symptom:* You have powerful analytics tools (like KX/kdb+), but they are underutilized because your internal data feeds are dirty, unaligned, or slow to update.
  - *The Solution:* Feed your engine with pre-normalized, "replay-ready" data designed specifically for high-performance analytics.
- **The Infrastructure Drain:**
  - *The Symptom:* You are tired of managing local storage, patching servers, and licensing feeds. You want to move to the cloud to reduce TCO.
  - *The Solution:* Zero footprint. A fully managed platform that handles updates, maintenance, and scaling automatically.

The 24-Week Advantage: Why Funds Buy Instead of Build

Why spend valuable time ingesting, cleaning, structuring, and normalizing market data from multiple vendors when you can access it instantly?

Capability	Self-Provisioned	One Tick Cloud
Tick Data History (20 Years)	4-10 Weeks	Instant
Corp Action Adjustments	3-5 Weeks	Instant
Symbol Mapping & Cross-Ref	5-10 Weeks	Instant
Continuous Futures Definitions	1-3 Weeks	Instant
Bar & Quote Generation	3-6 Weeks	Instant
Consolidated Liquidity Views	4-8 Weeks	Instant
Total Estimated Cost	**24-51 Weeks**	**0 Days**
Estimated Infrastructure Cost	**> $150,000**	**Predictable OpEx**

Data based on standard industry implementation timelines.

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Technical Specifications & Accessibility

Why spend valuable time ingesting, cleaning, structuring, and normalizing market data from multiple vendors when you can access it instantly?

Data Profile & Quality

- **Depth:** Includes full depth-of-book (L2/L3), market-by-order, and market-by-level structures.
- **Adjustments:** Handles corporate action adjustments, trading session hours, holidays, and symbol liquidity aggregation.
- **History:** Unified historical + intraday data engine supporting snapshots and replay-ready data.

Flexible Access Methods

Designed for modern quant workflows, OneTick Cloud supports:

- **APIs:** Python, SQL, and REST interfaces.
- **Bulk Extraction:** CSV and Parquet downloads for heavy workloads.
- **Integration:** Seamlessly integrates into notebooks, internal systems, and downstream analytics.

Success Story: Global ETF Issuer

- The Challenge: A global ETF issuer needed unified analytics across equities, FX, and fixed income. Their existing systems could not combine real-time feeds with basket data or support T+1 analytics, slowing model development.

- The Solution: They deployed OneTick Cloud to unify real-time ingestion and streaming basket calculations. Using the Python Query API and T+1 data, they enabled scalable transaction-cost analysis and multi-year historical storage.

- The Outcome: The firm gained real-time transparency, automated intraday alerts, and significantly reduced operational overhead, accelerating their decision-making process.

To learn more contact Ross Dubin, SVP, Global Head of Sales on (201) 838-6611 or by email at ross@onetick.com to set up your POC and start benefitting from the knowledge of our experienced team at OneTick | KX.