

Case Study: Powering Index and Benchmark Publication with Lukka



Enterprise Data Management

Overview

Several Benchmark Administrators and regulated Exchanges selected Lukka to power their indices and settlement prices using its industry-leading market, pricing, and reference data. By integrating Lukka's solutions, these organizations were able to publish accurate, reliable benchmarks across a wide range of use cases—driving business value, reducing costs, and ensuring compliance with global standards.

The Problem

Publishing reliable crypto indices requires ingesting and validating vast volumes of complex, inconsistent data. Benchmark Administrators and Exchanges faced the following issues:

Key challenges included:

- **Inconsistent Data Sources:**
Varied data structures and quality across exchanges made normalization difficult.
- **Compliance Complexity:**
Adhering to standards like GAAP, IFRS, and IOSCO required accurate, audit-ready data and infrastructure.
- **Operational Burden:**
Manual processes to manage pricing, terms & conditions, and rebalance rules consumed significant resources.

The Solution

- **Reference Data:**
Standardized data from hundreds of venues, streamlining index construction and automating inclusion rules.
- **Pricing Data:**
High-quality pricing feeds to ensure precise index levels for performance tracking and critical financial benchmarks.
- **Lukka Prime & Digital Asset Reference Rates:**
GAAP- and IFRS-compliant, IOSCO-aligned rates designed to support derivatives settlement and financial reporting, built on SOC 1 & SOC 2-compliant infrastructure.

Conclusion

By leveraging Lukka's reference, pricing, and benchmark data, Benchmark Administrators and Exchanges streamlined operations, cut costs, and delivered accurate, compliant indices—empowering them to navigate the fast-paced digital asset landscape with confidence.

Snapshot

Industry: Benchmark Administration & Regulated Exchanges

Use Cases: Index creation, settlement pricing, derivatives benchmarks

Goal: Publish accurate, compliant indices and reference rates at scale

Requirements: Quick and accurate access to standardized data.

Challenge: Managing fragmented crypto data, ensuring compliance, and reducing operational burden

The Results

- ✓ **Simplified Data Logistics:**
Eliminated the need for clients to manage fragmented, high-volume crypto data.
- ✓ **Faster, Cleaner Rebalancing:**
Streamlined processes for maintaining index accuracy and integrity.
- ✓ **Strengthened Compliance:**
Supported regulated clients with institutional-grade infrastructure and adherence to international financial standards.