STPaaS

Straight-Through Processing as a Service

Streamline your multi-asset post-trade workflows with our cloud-based connectivity, processing and automation engine

YOUR GLOBAL POSTTRADE NETWORK

CURRENT STATE

Post-trade connectivity remains complex, expensive and risk-laden.

Despite significant advances in common data standards and software solutions, post-trade connectivity within global financial markets continues to pose intricate operational hurdles.

Key factors currently driving the industry demand for hosted, multi-asset solutions include:

KEY OPERATIONAL CHALLENGES

01

Market Fragmentation & Silos

Managing 30-60 disparate venue feeds duplicates architectural costs across different asset classes.

02

Costly Integration & Constant Change

Adapting to ongoing regulatory or system updates while building complex booking rules directly into risk systems is slow and expensive.

03

Downstream Complexity

High technical burdens create continuous friction in downstream lifecycle processes like clearing, compression, and reporting.

OSTTRA

INTRODUCING OSTTRA STPaaS

Build once. Configure instead of code.

OSTTRA delivers a fully hosted, cloud-based Straight-Through Processing as a Service (STPaaS) network. It is designed to reduce upstream technical complexity, streamline inbound data, and remove the traditional cost overhead of post-trade engineering through a “build-once, configure-instead-of-code” philosophy.

OSTTRA STPaaS captures trade notifications directly from venues across asset classes, seamlessly translating, consolidating and routing trade data to middle and back-office systems.

KEY ENTERPRISE BENEFITS

01

Reduced Total Cost of Ownership (TCO)

Replaces multiple bespoke, internal venue connectivity nodes and asset silos with a single managed vendor feed, significantly mitigating infrastructure costs.

02

Accelerated Time to Market

Connects quickly using pre-integrated venue feeds and self-service admin tools that give you full control over trade configuration and routing. Our dedicated connectivity team handles all background integrations and network expansion so you stay ahead. Offers pre-integrated, seamless compatibility with leading third-party trading and risk platforms, including Murex, Calypso, Summit, and Finastra.

03

Optimised Operational Performance

Engineered for improved cacheability and high-volume throughput. Centralises control via a single UI, providing granular visibility, end-to-end auditability, and complete transparency into message processing, filtering, and data transformations.

ARCHITECTURAL OVERVIEW

End-to-end post-trade automation

A single, unified network layer for multi-party trade consolidation, transformation, and delivery.

KEY FEATURES

01 Multi-Asset Connectivity

Pre-built plug-and-play feed handlers for over 100+ sources covering seven major asset classes (Commodities, Credit, Equities, Fixed Income, FX, Money Market and Rates), trading platforms, ECNs, aggregators, and single-bank portals.

02 Flexible Rules & Processing

An intuitive, low-code GUI allows users to manage complex data enrichment, currency mapping, splitting cross-trades/strategies, trade morphing, netting, and volume aggregation without hardcoding risk system changes.

03 Single Interface with Multi-Asset Tabs

A powerful web interface featuring real-time multi-asset blotters, customisable dashboards, and complete historical audit trails to streamline compliance and trade investigation.

04 Enterprise Architecture

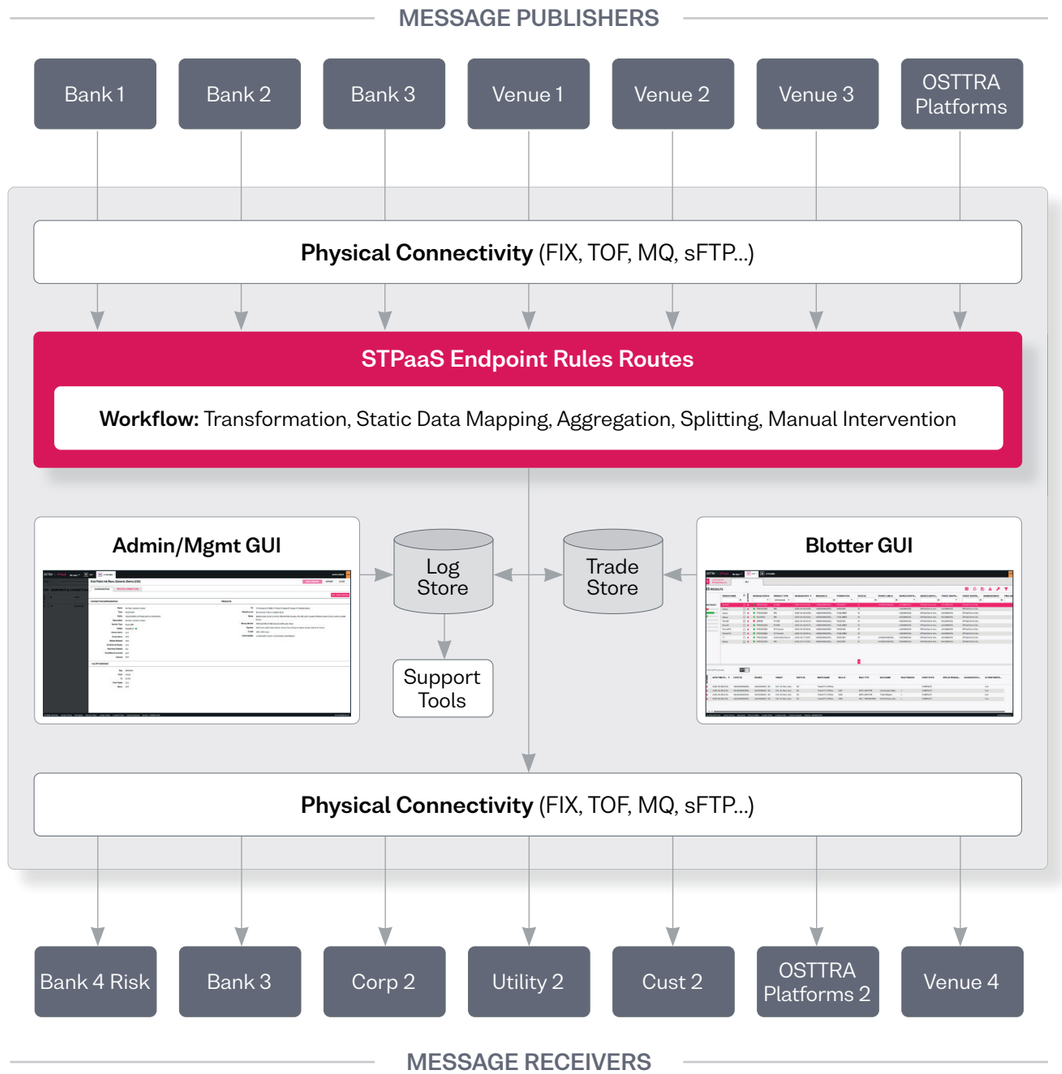
A stateless, highly scalable AWS cloud infrastructure featuring native cross-region disaster recovery, ensuring high resiliency and data-residency compliance.

05 Real-Time Reconciliation & Validation

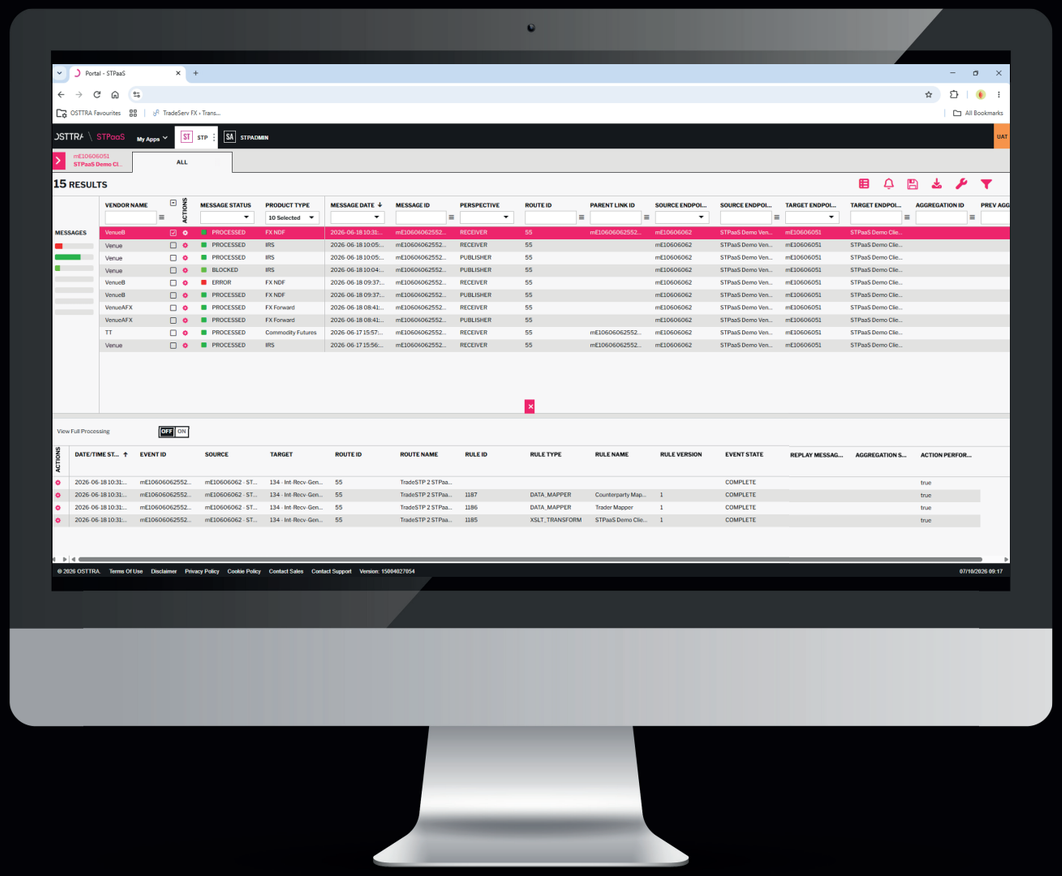
Automatically reconciles deal tickets between liquidity providers, aggregators, and risk systems. Instantly flags missing trades, protects position accuracy, and eliminates trade feed errors.

06 Searchable Archive

Replaces high-cost, legacy third-party trade tracking systems with a centralised, cloud-based trade store. Provides full free-text search and audit trails across all execution channels for trade investigation and compliance.



STPaaS unified multi-asset blotter



SINGLE INTERFACE

Monitor real-time messaging flows

Inspect transformation rules

Track trade delivery status

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LARGE REGIONAL BANK

Complex trade booking consolidation

23
External sources

7
Asset classes

30
Instruments

The challenge

The bank was maintaining expensive post-trade links spanning 23 external sources, 7 asset classes, and 30 instruments, with custom enrichment and logic managed directly in their risk system.

The solution & benefit

OSTTRA replaced the entire legacy setup with a managed STP service, shifting the data enrichment and back-to-back creation to the cloud. This delivered bidirectional integration via MQ, reducing TCO, and benefitting both the client and the risk system provider.

INTERNATIONAL BANK

Multi-entity global trade routing

30+
Venues

17
Risk system instances

3
Separate risk systems

The challenge

Executions from over 30 venues required dynamic routing into 17 distinct instances of 3 separate risk systems based on geographic location and fluid “follow-the-sun” book hours.

The solution & benefit

Over a long-term partnership, OSTTRA deployed complex, highly configurable routing rules to split and direct trades seamlessly. This successfully insulated the bank’s multi-year Murex 3.0 migration from external connectivity disruptions.

OSTTRA

For more information

Contact your OSTTRA representative or email info@osttra.com

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