

FX Cash-Flow Obligation Endpoint

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Discussion

The FX Cash-Flow Obligation Endpoint carries projected or derived FX cash-flow obligation information from the FX Cash-Flow Computation Node to downstream FX logical Nodes.

The endpoint supports analytical processing, policy evaluation, audit, provenance, oversight preparation, replay, reconstruction, and [evidence](#) expectations. It carries FX Cash-Flow Obligation information that identifies obligation amount, currency, payment date, payer, receiver, contract reference, calculation context, model version, producing [Node](#), timestamp, and provenance reference.

The FX Cash-Flow Obligation Endpoint participates primarily in the FX Logical [Data Plane](#). It also relates to the FX Logical [Audit and Provenance Plane](#) because computed obligations require [traceability](#) to input contract state, semantic assertions, model references, calculation context, and the producing Node.

Definition

[Communication Endpoint](#) carrying projected or derived FX cash-flow obligation information

Source

Specialization of Logical Communication Endpoint from [Part 2: Distributed Node-Based Logical Architecture](#), Section 7.2, Logical Assertion from [Part 2: Distributed Node-Based Logical Architecture](#), Section 8.8, and [Interpretation](#) from [Part 1: Conceptual Architecture](#), Section 9.5; generalised from ACTUS cash-flow and analytical computation material in the original FX Demo [Reference Architecture](#).

Note

The FX Cash-Flow Obligation Endpoint does not prescribe the ACTUS library, calculation engine, DDS Topic, REST resource, RPC method, message queue, event stream, database table, or deployment artifact.

Example

The FX Cash-Flow Computation Node publishes FX Cash-Flow Obligations that the FX Policy and Release Node and the FX Audit and Provenance Node consume.

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