

12.6 Interpret FX Transaction Semantics

Go To FX Demo Logical Interaction Patterns

The Interpret FX Transaction Semantics pattern applies a governed semantic context to validated FX transaction information.

The [FX Semantic Interpretation Node](#) consumes validated FX transaction information, applies governed semantic definitions or mappings, identifies relevant FX business meaning, produces an [FX Semantic Assertion](#), and records semantic source, semantic version, interpretation context, timestamp, and provenance reference.

The interaction belongs primarily to the [Logical Data Plane](#). It also supports the [Logical Audit and Provenance Plane](#) because semantic interpretation requires [Traceability](#) to input information, governed definitions, semantic version, producing [Node](#), and [Evidence](#) expectations.

Table 12-5: Interpret FX Transaction Semantics interaction pattern.

Element	FX logical treatment
Primary Runtime Plane	Logical Data Plane
Producing FX Node Role	Semantic Interpretation Role
Consuming FX Node Role	Contract State Management Role , Policy Evaluation Role , Audit Recording Role , Provenance Recording Role
Primary endpoint	FX Semantic Interpretation Endpoint
Primary information	FX Semantic Assertion
Supporting information	Validated transaction reference, semantic source, semantic version, interpretation context, producing Node , timestamp
Traceability expectation	Semantic assertion traces to validated transaction information, governed semantic source, semantic version, interpretation context, and producing Node
Evidence expectation	Semantic interpretation records support the review of the meaning assigned to FX transaction information

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