

Data Plane

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Discussion

The Data Plane carries business-domain, financial, analytical, lifecycle, and derived information exchanged among [Nodes](#). It supports the movement of information representing events, observations, assertions, computations, state changes, and domain results.

The Data Plane remains distinct from the [Control Plane](#). The Data Plane carries domain and analytical information. The Control Plane coordinates runtime operation.

A later implementation profile may realise Data Plane interactions through DDS Topics, API endpoints, event streams, message queues, files, or other communication mechanisms. Those mechanisms do not redefine the Data Plane.

Definition

[Runtime Plane](#) carrying domain and analytical information among [Nodes](#)

Source

Adapted from FX Demo Reference Architecture, Section 2.1.12, Data Plane, and Section 4.4.2, Data Plane; generalised from DDS-specific data-plane usage to the Financial Systems Archetype conceptual layer.

Note

The Data Plane is not a persistence mechanism, a database, a DDS Domain, a DDS Topic, or a network segment.

Example

An FX transaction event, cash-flow obligation, validation result, analytical assertion, or lifecycle state change may belong to the Data Plane.

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