

INTEGRATION GUIDE

Connect through Mesh

Configure participants. Verify discovery. Confirm the data path.

Prepare the participants

VECTOR uses a native DDS gateway to communicate with Mesh participants. Start only the services needed by your deployment, using compatible builds and configuration.

Connection checklist

- 01 Configure the same DDS domain for the app gateway and the services that should communicate.
- 02 Confirm each participant uses the intended network interface and can reach the other hosts.
- 03 Check the deployment's discovery and firewall configuration. A matching domain alone does not guarantee connectivity.
- 04 Check service discovery and status in the app, then verify a supported data update from its source to the receiving workstation.
- 05 For request/reply operations, verify the intended service receives the request and returns a response.

Data boundaries

Supported operational objects can be exchanged through Mesh. Shared-object ownership and edit permissions still apply. Workstation views remain locally configured.

Video delivery and local model datasets use their own paths. Connecting two workstations through DDS does not automatically copy geometry, textures or video files between them.