

Aliro Orchestrator Data Sheet

Aliro Orchestrator manages the entire life cycle of a quantum network and provides a unified, intuitive application through which network operators can view everything, control everything, and automate network operations.

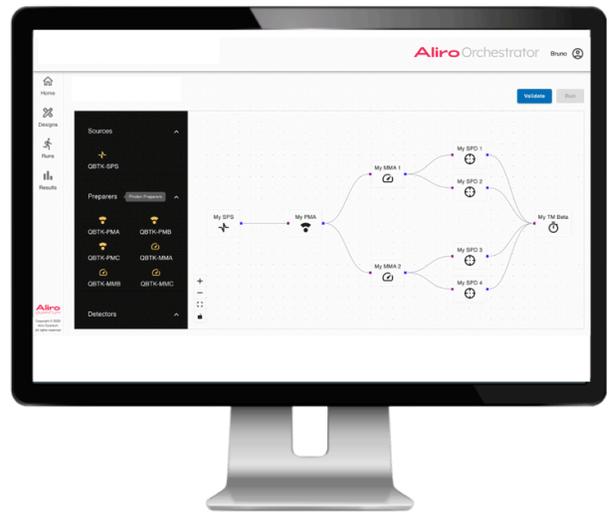
Aliro Orchestrator

Define, Run, and Optimize your quantum network with Aliro Orchestrator

- Model-View-Controller application for setup, configuration, management, control, and monitoring
- Interactive visual user interface
- Can control third-party quantum hardware components
- Allow quantum network testbed operators to offer their network as a service or resource in an easy, safe, and structured way

Quantum Network Types

- Operational Quantum Networks: provide quantum network orchestration services and support applications.
- Quantum Network Testbeds: research or lab setups for experimentation, testing, and experimental demonstration.
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Aliro Orchestrator Operator Dashboard

Aliro Orchestrator is deployed at EPB's commercial quantum network in Chattanooga, Tennessee.

Read more about how AliroNet is powering this quantum network [here](#), on [EBP's website](#), and in this [press releases](#)

Aliro Orchestrator Functionality

- Define quantum network including topology and hardware
- Evaluate and validate quantum network designs
- Schedule and run quantum network operations and applications
- Monitor, alert, and alarm
- Dashboard with status and performance metrics
- View and download network measurements
- Configure and monitor hardware devices
- Manage the users and the user services (evaluations)

Aliro Orchestrator functionality is delivered via the graphical user interface (GUI) and as a REST-based application programming interface (API) for automation.