



Qubist

Interface Management Capability

Identifying, analysing, capturing, and controlling interfaces for better projects and programs outcomes.

Qubist Pty Ltd is an advisory business that provides expertise to clients with utility and infrastructure assets. We help clients create greater value, new possibilities and superior outcomes for their assets and organisations.

Qubist provides solutions across the entire project lifecycle. We understand the specific challenges involved in running an organisation and call upon decades of industry experience to assist our clients – ensuring strategic, practical, and commercially orientated results.

Our private and public sector clients include Government agencies, contractors, and legal organisations.

Qubist Interface Management

We pride ourselves on understanding our clients' true needs. We develop and leverage tailored solutions, to ensure delivery of improved business and project outcomes.

Interface management forms part of systems engineering integration to ensure the system components achieve the planned properties of the entire system. Interfaces can occur at the boundaries between functional (systems), physical, and informational components (people and parties) of a project or system. Managing these interfaces properly, allows the people, processes and systems to operate successfully with each other.

Our experience in interface management is built on assisting clients to optimally and holistically manage their physical-assets, associated performance, risks, opportunities, and cost over the life of their assets.

Qubist's Approach

Our approach is developed from industry experience and understanding client, contractors, government, community, and other relevant stakeholders' objectives.

We help our clients plan and manage their interfaces, by working with stakeholders to identify, define, document, and analyse interfaces. We introduce controls and regular reviews to manage over the duration of the project. Managing interfaces assists in identifying the safety, technical and commercial risks of the project or program, and any subsystems and components.

The interfaces are identified from multiple sources, which may include existing agreements, stakeholders, and various documentation. More complex infrastructure assets require more detailed plans over a simple schedule, such as interface matrices and interface control documents.

We provide expertise that covers the complete asset lifecycle of complex assets for interface management, at planning stage, identifying interfaces through to controls, review, and reporting. Our team has built their expertise over decades working with contractors, asset owners and government agencies, both locally and internationally.

We are a trusted partner to our clients because we repeatedly deliver the experienced people, deep domain expertise and knowledge as promised.

In much of the work we do, we apply a commercial, risk-based approach to interface management, which includes gaining an understanding of risk allocation strategies, residual risks, and any underlying issues for effective and efficient interface management.



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Relevant Project Experience

Below is a selection of relevant Interface Management experience of our team:

Sector	Project	Our staff Roles
Pit-to-Port	<i>Minas Rio Anglo America Roy Hill Rail</i>	<ul style="list-style-type: none"> Due diligence for divestment of \$US8.5B Pit-to-Port Iron Ore Project. Managed the interfaces with major international banks. Management of the construction interface between live rail lines, mining operations and construction crews.
Power – Transmission	<i>NSW Electricity Privatisation Process Technical Due Diligence</i>	<ul style="list-style-type: none"> Led interfaces at business case level.
Transport – Rail	<i>Chatswood Transport interchange</i>	<ul style="list-style-type: none"> Management of contractual obligation during handover and the interface between construction and operations.
Transport – Road	<i>Northern Beaches B-Line Program</i>	<ul style="list-style-type: none"> Roles or operational readiness and handover working with multiple stakeholders and infrastructure, managing the interfaces between systems and processes.
	<i>Belmore Roads Ramps</i>	<ul style="list-style-type: none"> Lead the development of the project interface agreement with private motorway operator.
	<i>Sydney Roads Asset Performance Contracts</i>	<ul style="list-style-type: none"> Commercial advice to senior management on interface activities.
	<i>WestConnex</i>	<ul style="list-style-type: none"> Draft interface principals between D&C contractor and third parties (including other WestConnex stage contractor's), and resolution of technical interface issues.
	<i>WestConnex – Roadside Equipment</i>	<ul style="list-style-type: none"> Development of Roadside Equipment specification package, including interfaces with teams, and tender packages.