



Position Description

Position Title: Data Solutions Partner

Location: Port Botany

Division: Information Technology

Position Status: Permanent Full-Time

POSITION PURPOSE

The Data Solutions Partner plays a key role in the continuous improvement of ways to use data in accordance with the strategic business objectives. The role is responsible for the designing of solutions and the management of Vendors to deliver a highly scalable and accessible Business Intelligence system which ensures the required data is available to stakeholders at the right time whilst maintaining data quality and documentation of the data mapping catalogue and data risk register.

ORGANISATIONAL CONTEXT

NSW Ports is a privately owned consortium of leading institutional investors: IFM Investors, Australian Super, Tawreed Investments Limited and Q Super, Cbus, Hesta and Hostplus. Our shareholders represent over five million Australian superannuation fund members and are long term investors with interests in a range of Australian infrastructure assets.

NSW Ports began operations in mid-2013 under a 99-year lease for Port Botany, Port Kembla, Cooks River Intermodal Terminal and the Enfield Intermodal Logistics Centre. As custodian of these assets, we are committed to taking a long-term and sustainable approach to the way we operate, the actions we need to take or encourage from others, and the way we work with our stakeholders. NSW Ports is principally a land manager with operational responsibility for: The Bulk Liquids Berths at Port Botany, common user bulk liquid and dry bulk berths at Port Kembla, rail infrastructure at Port Kembla and common user roadways at both Ports and Enfield Intermodal Logistics Centre.

Port Botany and Port Kembla are economic assets of national significance, critical to the future economic growth and development of NSW. They are NSW's key import and export gateways, collectively contributing around \$4.4 billion per year to the NSW economy and supporting over 30,000 jobs.

NSW Ports operates to 5 key strategic objectives to sustainably cater for forecast trade growth:

1. Provide efficient road connections to the ports and intermodal terminals;
2. Grow rail transport of containers;
3. Use land and infrastructure efficiently;
4. Grow port capacity; and
5. Protect the ports and intermodal terminals from urban encroachment.

NSW Ports has 5 core values which support the vision, shape the culture and enable the strategic objectives of the company:

- **CARE** – We care about the wellbeing of ourselves, each other, and our stakeholders
- **INTEGRITY** – We are honest and real in all that we do
- **COLLABORATION** – We work together, respecting one another's views, and make our work environment fun and enjoyable.
- **ACCOUNTABILITY** – We do what we say we will do and take responsibility for achieving the outcome.
- **PASSION** – We are committed to NSW Ports and the future of our business and industry.

ACCOUNTABILITIES / KEY RESPONSIBILITIES

- Initiate and be the technical lead, whilst supporting project leads (Business Subject Matter Experts), in delivering new data solutions.
- Coordination and liaison with vendors to ensure data solutions are maintained at agreed performance levels.
- Connect and consolidate data from several first and third-party sources and help guide the business in identifying new sources of data and deliver mechanisms for integration into the data warehouse.
- Increase connectivity between the systems, build automated workflows and data checks to constantly improve the smooth running, data integrity and accurate reporting for NSW Ports.
- Working with internal stakeholders and customers to prioritise projects and enhancements, including input into budget preparation and forecasting.
- Develop blended Business Intelligence reports using data from our major business systems.
- Perform daily checks and reconciliation checks of data loads and rectify any errors. Monitor system performance; diagnose problems and resolve these with users; make appropriate changes to documentation; Identify permanent solutions to resolve consistent or known errors.
- Be an active member of the Data Governance Group and work directly with the Data Stewards in managing a robust data quality and control framework for the Data Warehouse, data flows, and Power BI reports/data outputs.
- Create a Data Catalogue with mapping, and update and maintain the Data risk register.
- Induct and train users on Power BI and core data solutions.
- Provide good customer service in Level 1 and 2 support and troubleshooting for existing data systems.
- Maintain strong knowledge of the business and the data coming from different systems going to the Data warehouse.

POSITION REPORTS

This position reports to Head of IT and has no direct reports.

KEY WORKING RELATIONSHIPS

Internal	External
<ul style="list-style-type: none"> • CEO • Executive Leadership Team • All NSW Port Employees 	<ul style="list-style-type: none"> • IT Service Providers • External Customers • Consultants

REQUIRED SKILLS, QUALIFICATIONS and EXPERIENCE

- Minimum seven years' experience in Level 2 Data Warehouse/BI support (Extract, transform, load – ETL), interfaces and dashboard.
- Tertiary Level Degree in Computer Science, Data Science, Information Technology, Information Systems, or another related field.
- Experience in Logistics and Supply Chains and a preference for a Shipping/Ports industry background.
- Three years' experience as a Data Solutions Partner specialising in Microsoft SQL Database technologies.
- Strong experience with BI and Reporting platforms such as Microsoft PowerBI, SSRS (reporting), SSIS (Integration) and SSAS (analytical), Altyrex.
- Comprehensive knowledge of database design and data warehousing principles.
- Experience in managing external service providers.
- Demonstrated effective collaboration skills, relationship building skills, ability to prioritise and manage SME's and senior management's expectations.
- Strong attention to detail with a proactive approach to managing projects.
- Strong written and verbal communications skills with ability to work as part of a team.
- High degree of self-motivation and ability to work hands on and independently as required.
- Driver's licence and car.