



How Data & AI enables Transport and Logistics



Our data and analytics solutions provide this sector with the ability to leverage their data assets to identify and manage operational efficiency opportunities and uplift and personalise the experiences they can offer their customer base.

How we enable Transport and Logistics

We enable transport and logistics organisations to plan and implement data strategies that streamline how data is collected, organised, processed and analysed across the enterprise.



I'm thrilled for the team to see the outcomes of this work. Collectively to design and build our future Integration platform, working through over 30 technical choices, really sets us up for future success. This initiative really has set

**a benchmark for an approach
which we can use into the future."**

Andrew Simpson

Applications and Business Intelligence Manager,
Safety, Engineering and Technology, ARTC

Operations



Customer insight and service

- Establish advanced analytics capability to service internal and external stakeholders
- Establish customer segmentation based on consumption patterns to improve network efficiency
- Deliver improved service times through predictive capabilities



Data governance

- Undertake a full review of your data governance controls and processes against leading best practice
- Develop a future state data governance framework that supports your business reporting and analytics
- Leverage the Fujitsu Data & AI ResultsNow® Power BI Framework to ensure trust in data reliability and security



Data science proof of value

- Leverage our proven Fujitsu Data & AI ResultsNow® methodology to identify commercially viable data science use cases
- Apply best in class technical experience to prove value and generate a business case



Data strategy

- Develop a detailed data platform strategy and road map that aligns to your business strategy and long-term data goals
- Develop your future data platform architecture to align with industry best practice approaches for your data and analytics requirements



Predictive asset maintenance

- Remotely manage infrastructure assets and ensure operational plant efficiency
- Track maintenance issues to predict optimal maintenance schedules
- Predict machinery failures in advance

Technology



Big data processing

- Having the ability to scale to meet the demands of the business. Scale up to meet demand and scale down to meet cost savings



Data integration

- Integrate your finance, operations and other core systems data into a fast and flexible modern data platform
- Apply Lambda and Kappa data ingestion and integration architectures to capture both real time and batch data
- Model the data in your analytics platform to enable fast and efficient business decision making and AI solutions



Data visualisations

- Optimise your Power BI Reporting Apps and Workspaces for increased user adoption by uplifting the usability, navigability, and functionality of your existing reporting solutions



Real-time analytics

- Design architectures needed to enable real-time data ingestion and analytics
- Use proven, repeatable patterns and methods with our ResultsNow® methodology
- Address network issues faster with triggers and actions
- Improve complaint resolution times using AI technologies



Streaming analytics

- Enable real time analysis and reporting of data from IoT sensors and telematics streaming devices
- Build real time machine learning predictive models to alert of impending delays or network utilisation issues



Ways of working

- Help establish your Organisation Data Centre of Excellence (COE) and ongoing adoption
- Design and implement DevOps practices and capabilities to support your Data Platform Continuous Integration and Continuous Deployment (CI/CD) requirements

