

WHO WE ARE

Lyticly is a boutique Melbourne data and analytics consultancy, founded in 2018. We design, build and operate the data platforms, analytics and applications that let organisations run on evidence rather than instinct. We keep teams small and senior on purpose: the people who scope the work are the people who do it.

WHAT WE DO

- **Data engineering and integration.** Resilient pipelines, governed repositories, dimensional modelling, data quality and lineage. Bi-directional ERP integration built and sustained through major system change.
- **Analytics and visualisation.** Interactive dashboards and self-service BI, with particular depth in Apache Superset.
- **Advanced and predictive analytics.** Forecasting, anomaly detection and condition-based maintenance analytics for large equipment fleets.
- **Cloud-native application development.** Containerised React and Django applications for operational users, designed for security and maintainability.
- **Platform engineering and DevSecOps.** Kubernetes and OpenShift platforms with CI/CD and GitOps, operated in secure, accredited environments, including networks fully disconnected from the internet.
- **Agile delivery and advisory.** Data strategy, solution architecture, delivery recovery and team uplift.

PROVEN OUTCOMES

- ✓ Condition-based maintenance analytics spanning several thousand vehicles: scheduled servicing demand roughly halved, maintenance effort cut by around 40 percent.
- ✓ Bi-directional ERP integration ran with zero unplanned outage through a major ERP consolidation, cutover, hypercare and a subsequent upgrade.
- ✓ An open-source analytics platform built and operated entirely within a highly controlled network, kept patched and current despite full disconnection, with priority incidents resolved within agreed service levels.

WHY LYTICLY

Senior from day one

Experienced practitioners on every engagement, no bench.

Built to hand over

Documentation, knowledge transfer and open technology choices.

Full lifecycle

One team from data collection to production and sustainment.

Evidence over opinion

Working software early, measured outcomes.

CREDENTIALS & ENGAGEMENT

- ✓ Approved under the Defence ICT Provider Arrangement (ICTPA) across all three service towers: Application Services, Systems Integration and ICT Services, including all ICT Services skillsets. Contracts directly with Defence.
- ✓ Member, Defence Industry Security Program (DISP)
- ✓ Australian-owned SME
- ✓ All consultants hold Australian Government security clearances, at Negative Vetting 1 or above
- ✓ Insured: Professional Indemnity AUD \$10M per claim (including cyber cover) and Public Liability AUD \$20M
- ✓ Technology partners: Red Hat and IBM; listed in the IBM Cloud catalogue

TECHNOLOGIES

Data and analytics

Apache Superset · Apache Airflow · Python · SQL · PostgreSQL · Db2 · ELT/ETL pipelines · Kimball dimensional modelling

Applications

Django · React · REST APIs · JavaScript, HTML and CSS · Redis · Celery · pytest

Platform and DevSecOps

Kubernetes · Red Hat OpenShift · OpenShift Pipelines · GitOps · CI/CD · GitLab · JFrog Artifactory · IBM Storage Fusion

Integration

SAP (bi-directional) · operational and legacy system interfaces

CONTACT

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