

LAB³

FEAR LESS
ACHIEVE MORE

Microsoft
Partner



Gold Data Platform
Gold Datacenter
Gold Cloud Productivity
Gold Application Development
Gold Cloud Platform
Gold Collaboration and Content
Gold Project and Portfolio Management
Gold Security
Gold Data Analytics
Gold DevOps
Gold Application Integration
Gold Messaging



Specialized Partner
HashiCorp Terraform



Winner
2020 Microsoft
Australian Partner Award



Winner
2020 Red Hat
Australian Partner Award

LAB³ at a glance



150+
Professionals



80+
Engineers



300+
Technical Industry
Certifications

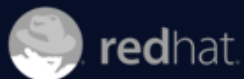
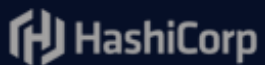
Microsoft
Partner



Winner
2020 Microsoft
Australian Partner
Award




Winner
2020 Red Hat
Partner of the Year
Award



LAB³ Capabilities

Our expertise extends across essential technology pillars to empower our clients.




CLOUD

- AZURE FOUNDATIONS
- MIGRATION SERVICES
- CLOUD OPTIMIZATION & MODERNIZATION
- CONTAINERS
- CLOUD MATURITY ASSESSMENT



MODERN WORKPLACE

- MODERN WORKPLACE PRODUCTS & CUSTOMISED SOLUTIONS
- M365 ENABLEMENT
- TEAMS CALLING
- WINDOWS VIRTUAL DESKTOP
- PROJECT SERVICES




SECURITY

- DEVSECOPS PIPELINES
- AZURE SENTINEL
- SIEM INTEGRATION
- ISM & APRA COMPLIANCE
- CLOUD ENFORCER
- M365 SECURITY & PROTECTION FRAMEWORK



NETWORKING

- NETWORK DESIGN & TRANSFORMATION
- SOFTWARE DEFINED NETWORK SOLUTIONS
- AZURE SDN CAPABILITIES



DATA & AI

- ARTIFICIAL INTELLIGENCE
- MACHINE LEARNING
- API AUTOMATION
- CONNECTED FACTORIES
- IOT SENSORS
- DATA & ANALYTICS SOLUTIONS




DEVOPS

- ✓ SRE CAPABILITY
- ✓ CI/CD DEPLOYMENTS AND UPDATES
- ✓ SKILL ENABLEMENT



MANAGED SERVICES

- ✓ FLEXIBLE COMMERCIAL FRAMEWORKS
- ✓ 24/7 SUPPORT
- ✓ SNOW INTEGRATION

Benefit Realisation Challenges



High Barrier to Entry

Time to value matters, data initiatives can come under pressure because organisations get overwhelmed by the base platform build.



Delivery Drag

The process for deploying, testing and validating data platform deliverables drags down project and overall project support.



Data Platform Complexity

Design decisions and platform architecture can push teams to deal with deep technical dept, forcing a balancing act between delivering business outcomes and non-functional technical requirements.

LAB³ Data Platforms. Modern. Fresh. Fast



Instant Cloud Maturity

Built on our Azure Bedrock we bring instant cloud maturity to your data projects by providing predefined architectures, CI/CD automation and in-built security and manageability.



Lower TCO

Our architectures are built on strong automation and as such are simpler to manage and easier to deploy, giving a much lower TCO



Factory for Delivery

Using templates and DataOps we setup data project factories that can scale out to large teams and deliver continuously and reliably.



Best of Breed Architecture

Our portfolio of IP includes architectural patterns, design document, code driven Azure provisioning, meta-data driven data ingestion, templated datalake and transformation pipelines, all fully aligned to Azure cloud adoption framework and industry best practices.



Full Documentation

All of our design patterns have a full set of documentation and provides a strong foundation for ongoing supportability.

LAB³ DATA PLATFORM JOURNEY

STRATEGY

Data Strategy and Assessment



Business Priorities

Critical Business Measures

How Data Can Add Value

Technical Maturity

Current Systems Complexity

Cloud Viability

Workload Phasing

Project and Azure Costs

EXECUTION

Microsoft Approved for Funding

We believe in automation and re-usable assets across all our delivery stages, our customers benefit from a wealth of project experience through these assets. From document templates to pre-defined modular "as code" data platform components our IP has end to end coverage of the project lifecycle.

Migrate Databases

Modern Data Platform

Agile Reporting

Real-Time Data

IoT

AI/ML

DEFINE

Leveraging our extensive assets this stage is a review and scoping of the workload being targeted.

Includes SME engagement, review of current documentation, assessment of team maturity, CI/CD maturity, entity model reviews, transformation and pipeline maturity.

Outputs a design document that can be commercially contracted, presentation to key stakeholders and firm quote for the next phase.



BUILD

Our data platforms are built fast using our extensive component libraries. It includes ingestion frameworks, transformation scaffolding and CI/CD across PaaS service, data ingestion, data schemas.

This allows our teams cumulative experience to be passed on to customers quickly and effectively materialising a data project delivery factory, z

The outcomes, quicker time to first workload and reduced delivery drag.



MANAGE

We right size support to match customer needs. From end to end support including ongoing enhancements or simpler monitoring and alerting.

Our Offering Covers:

- Platform Monitoring inc. Data Pipelines
- Optimisation
- Cost Monitoring/ Reporting
- Break/Fix
- Minor Enhancements
- Ask an Expert

Data Strategy and Assessment

Looking to modernise your data estate?
LAB³ can provide a Data Platform Assessment

A modern data platform offers companies the chance to thrive. The ability to collect, aggregate, transform, and analyse data to produce unique insights including operational performance, market analysis, or simply to make better business decisions.

However, not all customer data platforms are created equally. Many offer primary analytics functionality but fall short in providing the powerful rich data unification and synthesis you need to make sense of a large data sets, or simply are missing features required to support a business with modern analytics.

In a perfect world, data would always be complete, accurate, current, pertinent, and unambiguous. In the real world, data is generally flawed on some or all of these dimensions. Implementing it correctly into the business model means companies can help reduce costs by identifying more efficient ways of doing business and by storing large amounts of data.

LAB³'s data assessment is designed to demystify the process of identifying the best of breed in modern data platform technologies. Additionally, help organizations understand the value of data, and support the transition to a new data capability.

Microsoft Partner

HashiCorp

Proven Approach to Success

- ✓ Wealth of battle-scarred and experience backed into assessment
- ✓ Holistic assessment of portability to the cloud
- ✓ Identifies high-value data opportunities

Our Process

- Minimize business impact through our predefined questionnaires
- Reduce cost of engagement through templated reports on maturity
- Review current requirements against operating reports
- Interview SME's and validate understanding of reporting
- Understand overall business strategy

Our Outputs

- Value proposition of data back to the business
- Ability for business to delivery of value proposition using current technology maturity
- Delivers transparency of the complexity of your data environments
- Azure TCO and best approach to value
- Inventory of data platform business knowledge
- Total project cost

Why should I invest in data? → Can I deliver the value I'm seeking using the current platform? → What do I need to change in my platform to deliver value? → What is my business maturity? → How much will it cost me?

OUR APPROACH FOR DATA ASSESSMENTS

High Level Steps

Technical Assessment	In-a-day Business Workshop	Data Warehouse / BI Requirements
<p>Purpose is to score the organisation across a list of practices that are indicators of Data Platform Maturity, across the following domains:</p> <ol style="list-style-type: none"> 1. Data Lake 2. Modern Data Warehouse 3. Agile BI 4. Data Science/ML 	<p>A business assessment conducted as a 'in-a-day' workshop, aimed at business value including a Business Model Overview, Data Value Assessment, Data & AI Roadmap, and Project Plans for High-Value Opportunities</p>	<p>An assessment aimed at evaluating the design and implementation of a Data Lake / Data Warehouse and or a Reporting & BI platform. We the goal to produce a detailed set of requirements for future state.</p>

Estimated Cost for a medium to large size data platform assessment

1 Month

All cost are budgetary figures only and are subject to detailed analysis of the platform complexity.

TIMELINE

High Level Estimates this project this project to take 3 months which can be compressed by running activities concurrently

Data Assessment Timeline

1 Hour Run workshop and score assessment

1 Day Run Modern Data Platform Requirements Workshop

1 Day Run Reporting & BI Requirements Workshop

1 Week Build Reporting & BI Requirements deliverables

1 Day Run Business Model Overview, Data Value Assessment, Data & AI Roadmap, and Project Plans for High-Value Opportunities

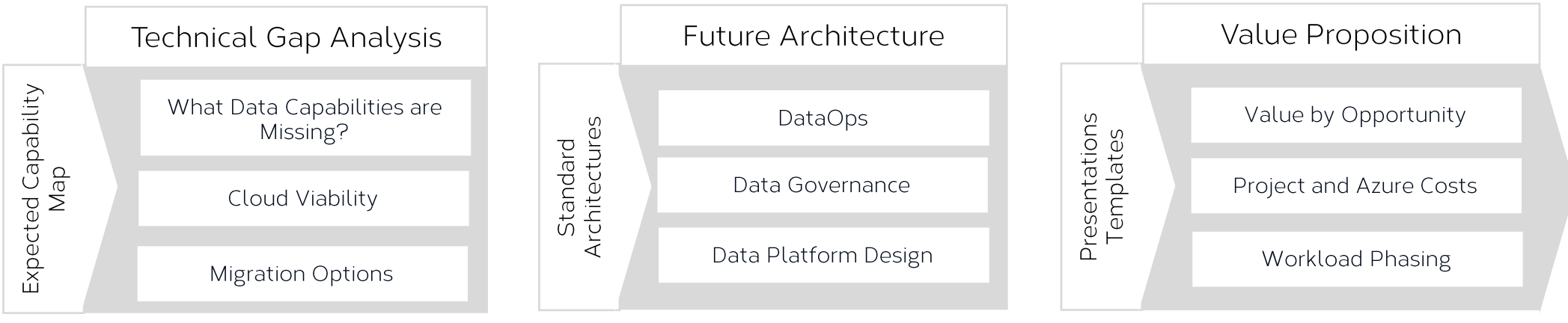
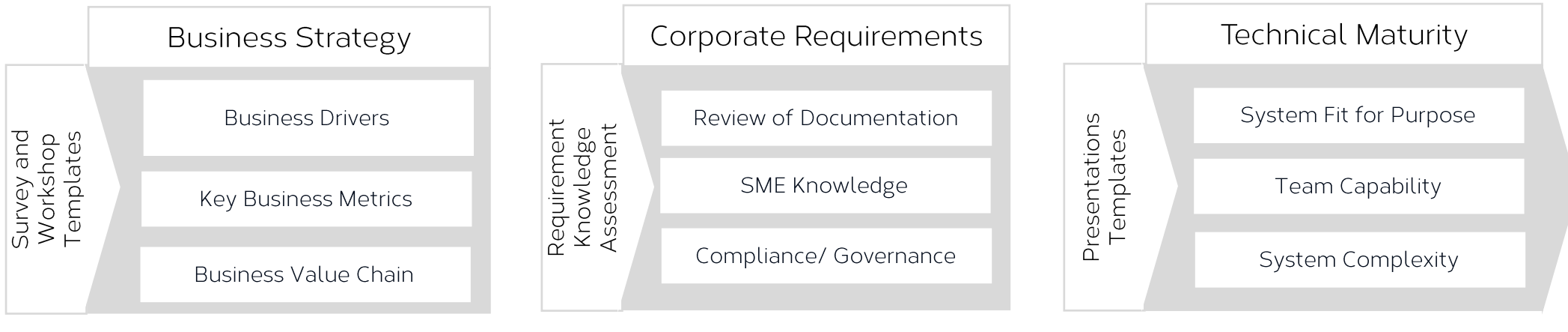
1 Day Build Modern Data Platform Requirements deliverables

1 Week Build Reporting & BI Requirements deliverables

It all began with strong understanding...

Data and Analytics Assessment

Current State Analysis



Recommendations

Assessment Report



Data Assessment Timeline

