



Clearly Different

Data. Driven. Resilience

Contents

1. What makes us different?

2. Our capabilities

3. Our delivery

4. Cloud & DevOps services

5. Data & Analytics

6. Advanced analytics

7. Our tools

8. Get in touch



About

What makes us **different?**



People

100+

With over one hundred employees in multi-disciplinary teams, we can scale up or down on demand.



Clients

30+

We currently service over 16 global clients in various industries. We specialise in Financial Services and Banking.



Global

3 Continents

You have access to teams distributed across Australia, India, and the US, providing a broad range of technology capabilities. Think big, move fast, and generate value with the right skills at the right time.



Foundation

Est. 2014

Founded in 2014, we've grown from a small startup by investing in organic growth, building strategy, thinking design first, and enhancing our data & engineering capabilities



Products

4 SaaS

Building our product mindset and focus on delivering discrete components into customer-focused applications, we launched 4 in-house products and counting...



About

Meet the **team**

Our diverse leadership team brings decades of Banking experience to drive our vision, guide and inspire our people, and ensure our clients achieve their goals.



Balaji Baradhashvar
CEO



David Mackenzie
CTO



Nick Gray
Chief Engineer



Eddie Cejvan
Chief Architect



Mahendra Singh
Director, Partnerships
& Professional
Services



Our capabilities

Global **software** **engineering** practice with **banking** and **finance** expertise.

Helping organisations find simpler solutions to complex problems.

Specialised in distributed micro-service application architecture across multi-cloud.



Productising projects

We produce solutions built to run.
Solutions that are simple for you to use and manage.



Enterprise-level quality, with a lean start-up spirit

MVP Approach. Least effort, maximum value
Feature Based Teams
Inner-sourcing



Coaching and Upskilling

We work with internal teams to coach and upskill them on new technologies, architecture, and ways of working ... we do ourselves out of a job.



The right skills at the right time

We have extensive banking and finance experience
Access to distributed & diverse teams with a broad range of technology capabilities.



Flexible outsourcing models

We take accountability to deliver onsite or hybrid / offshore models



Our delivery

End-to-end **delivery** of **solutions** that last.

We align strategy with execution in what we call full scope delivery. Expanding on the core capabilities of our clients, bringing scalability and flexibility to create seamless and lasting digital experiences.

We break up large solutions into smaller deliverables, resulting in efficient and successful outcomes.



Reduce the **development lifecycle** and increase quality... with **DevOps**

[DevOps]

"a set of practices that combines software development and IT operations. It aims to shorten the systems development life cycle and provide continuous delivery with high software quality."

Whether a customer is new or existing to DevOps, we recommend an external consultancy review the effectiveness of practices intended to drive a desired result. Crystal Delta offers an effective review service to health check and provide recommendations to your DevOps delivery practice.

What do we review when working with our customers?

We follow a four stage process to ensure a thorough health check examination, this includes:



Everything is in the cloud.

[Cloud computing]

"Cloud computing is the on-demand availability of computer system resources, especially data storage and computing power, without direct active management by the user."

Cloud migrations

Crystal Delta's Cloud Migration Service is set up to assist organisations that have one or more applications that can be migrated.

Cloud platforms from Amazon, Microsoft, Oracle, IBM, amongst others, are no longer seen as 'optional' by organisations everywhere.



The question is no longer "if", but "when" will key applications be moved to the cloud.

Crystal Delta brings many aspects of its DevOps Services and its delivery culture to achieve successful and secure cloud migrations.

There are two kinds of cloud migrations:



Refactoring

Suited to newer applications based on open standards.

✓ Application offers higher performance and better use of cloud native features. This application can be optimised to operate at lower cost.

✗ Higher investment to be made on resources and time, along with a slower time to deployment.



Lift & Shift

Suited for legacy applications that are not able to change.

✓ Minimal work required for migration. This is a simple method resulting in rapid migration and deployment.

✗ This type of migration does not take advantage of cloud native features. This can equate to higher costs of cloud operations.



Services

Maintaining cloud systems.

Cloud auditing

The cloud review service provides an independent assessment of cloud applications and architecture to identify optimisations.

We understand the specific offerings and requirements across cloud applications, reducing your operational costs. Crystal Delta's Cloud auditing service provides clients with an independent assessment of their cloud architecture in order to boost performance and efficiency.

Cloud management - maintenance and support

Some providers focus on easing basic infrastructure management tasks through virtualisation and automation.

These do not extend to the applications and many underlying platforms they rely on. Crystal Delta offers one-off and ongoing cloud auditing services. Ask us about our subscription based services.

As part of our Cloud Management service, we can enable advanced application and operational logs analytics, along with:

Cloud maintenance: We can start by managing cloud deployed platform patching and application performance

24/7 monitoring: We can enable multi-dimensional monitoring of all operational and performance aspects.

Powerwrap™

Challenge

Powerwrap had a technical ecosystem that was not cloud-based, causing performance issues and bottlenecks. They wanted a solution that was native to the cloud and met their requirements.

Solution

Crystal Delta successfully designed and deployed a multi-tier container solution, where several instances of the application were interdependent and deployed in Elastic Container Service (ECS). This solution was built to be scalable and without service interruptions.

Benefit

Powerwrap now operates on a cohesive and uninterrupted cloud environment, improving the overall customer experience

Customer Success



Services

Big **data**, without the **work**.

Crystal Delta's data and analytics teams and services operate according to our simplified enterprise architecture model.

In our model, Information is at the centre. Ultimately, all businesses operate with this core currency. No matter how complex the enterprise architecture is, each component needs information inputs, and also outputs information



Consultations

Our team uplift the level of data-driven decisions within your organisation.



Review & govern

We assess the quality of data generated and ensure the usability, integrity, and security standards are met.



Engineer & architect

Our team have worked on some of the largest transformation projects across banking and finance.



Systems & integrations

End-to-end management and effectiveness of your systems and how they communicate.



Data visualisations

Business intelligence that's visible to... everyone. Reports and dashboards to aid your decision making and growth.



Advanced **analytics** and actionable **insights**.

There are many exciting developments in the domain of advanced analytics, and no less the progress that has been made in bringing the fringe of the analytics spectrum closer to mainstream.

Learning and behavioural analytics

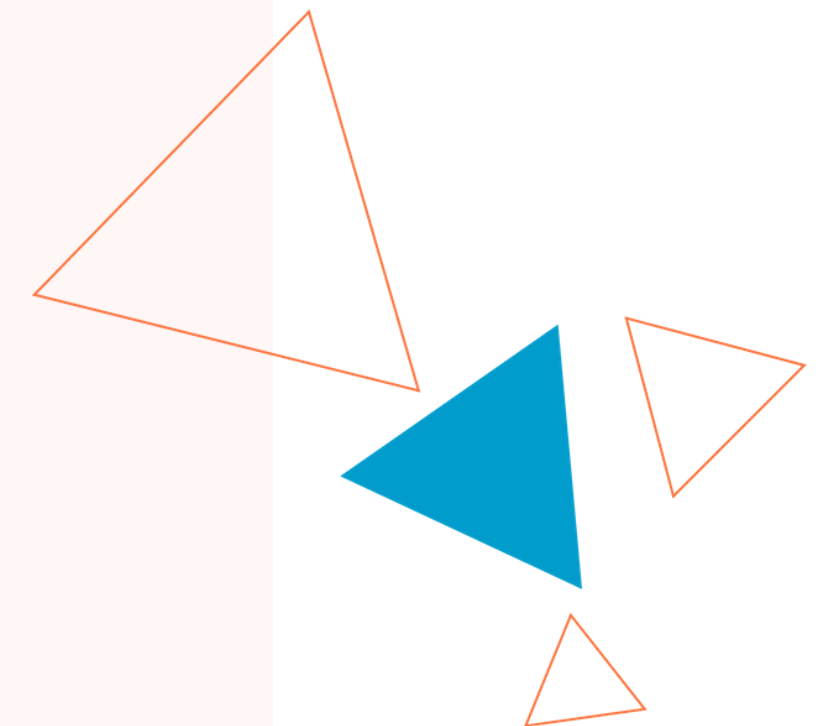
Machine learning and deep learning systems to generate insights from large and diverse data sets. Development of advanced algorithms to model and predict individual and group behaviours

Analytics lab

We establish analytics labs within organisations to coach and grow their advanced analytical skills.

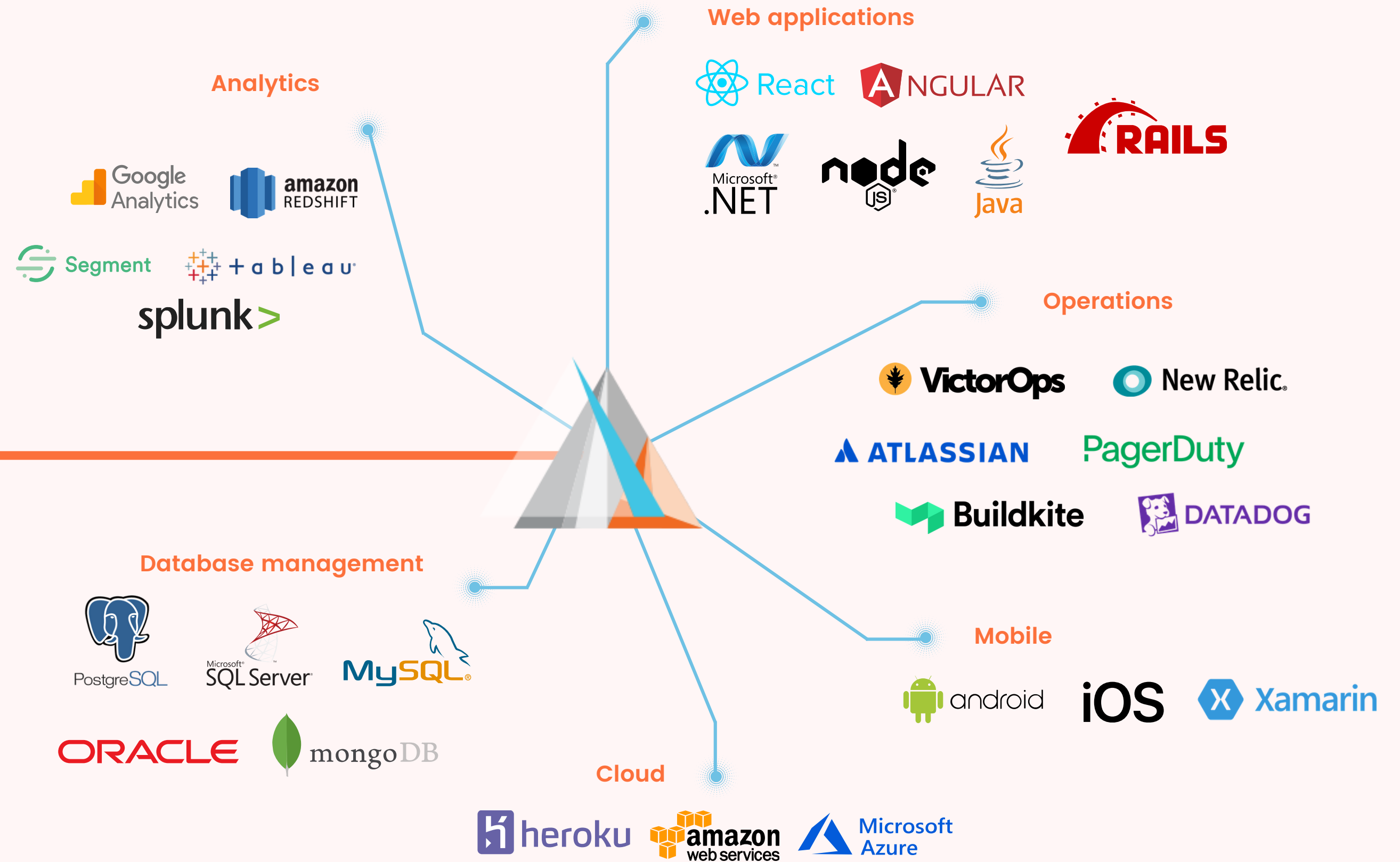
Artificial Intelligence (AI)

We develop independent business decision making solutions that resolve complex problems through critical examination.



Our tools

Plenty of tools for the job.



Get in touch

We're just a **click** away.

Our distributed teams across the globe provide access to a broad range of technology capabilities, to help you think big, move fast and deliver value with the right skills at the right time.



Melbourne

L9, 401 Collins st Melbourne
VIC 3000 Australia



Chennai

L1, 54th St. & 9th Ave.
Ashok Nagar 600083 India



APK Dev Centre

Sree Sowdambika College
Aruppukottai 626134 India



"We make complex things
simple"

Click to contact

