Dufrain
THE DATA COMPANY

Catapult

A PROGRESSIVE DATA PLATFORM

Velocity, capability, experience, expertise, all packaged into a modern, forward thinking data platform. Ensuring a simplified, cost efficient solution. It's Dufrain's modern data platform in a box. Activate Catapult and see your business fly.

If you are a medium to large organisation struggling to make the most of your data and software within your existing team, we can work with you to ensure your data opportunities are maximised, and quickly too.

POWERED BY MICROSOFT'S TECH STACK

Microsoft
Solutions Partner

Catapult in numbers:

Reduces time spent on security and compliance by

30%

427%

Some organisations are realizing up to 427% return on investment while lowering the impacts of their technical debt and doing more with less.

Quicker
1 month not 6 months plus

Speed to activation is clearly key to business and Catapult can cut the time spent on internally built data platforms down by over 80%.

Cheaper
From pigsty to piggy bank

No more disorganised, underutilised data services and failed cloud adoption attempts. Catapult delivers efficiency and positive results.

Easier
Simplified process – for you

A ready to go base platform means no 'recreating the wheel'. We spend our time dialling in value generation that's bespoke to you. Working with your existing team we can provide a managed service going forward.

Better
Best practise as standard

The secure and well governed platform will plug security gaps, minimise risk and establish confidence going forward. This completeness of vision builds trust, on which you can build progress.

Get in touch with one of our data specialists to hear how we can help

enquiries@dufrain.co.uk
0800 130 3656
www.dufrain.co.uk

Minimise risk
Work with pure-play data specialists

Embracing and engaging data to deliver exceptional outcomes for our clients, we are fuelled by their success. Creative at our core, we listen, we challenge norms, dismantle barriers and drive radical change whenever it is in their best interests.

Our team benefits from a pioneering culture, we nurture and invest in it. This allows Dufrainians to reach their full potential and in turn, means you reach yours. We are data people, we are the data company, we are Dufrain.

"What Dufrain recommended was achievable and measurable. They were really excited about working with Howden, which was infectious and permeated back into the Howden team."

Will Hyams
Group Head of Data
Howden Group Holdings

HOWDEN

The Catapult process

Arrange Your Demo and Introductory Meeting:
Schedule a demo to discover how Catapult can benefit your business. During the introductory meeting, we'll discuss key aspects, ensuring Catapult aligns with your needs and help us prepare a tailored proposal.

Detailed Checklist:
If you approve our initial proposal, we'll collaborate with your team on the "Readiness Checklist." Once completed, expect a comprehensive costed proposal, detailing the provided services and how they'll benefit your organisation. We'll also propose ongoing support and maintenance options for your consideration.

Mobilisation:
The Catapult team will assist in preparing the groundwork for our design and implementation team to commence their work.

Accelerated Delivery:
Embracing the SAFe Agile approach, Catapult ensures transparency in progress. Witness the sprint towards delivering your new Data Platform and monitor the advancements.

Completion and Handover:
Upon delivering your new Data Platform, we ensure your team receives all necessary documentation and training for seamless support and enhancement takeover.

Ongoing Support:
Dufrain offers a comprehensive support and maintenance package for each Catapult implementation. As a valued customer, enjoy a complimentary one-month service as part of our engagement process, ensuring a smooth transition without any initial hiccups.

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THE DETAIL

Dufrain's Data Catapult is a secure, well governed, and efficient modern data platform. It will significantly accelerate your adoption of automated BI, data driven insights and advanced analytics.

Leveraging our extensive experience developing Data Solutions, we have created an industry standard approach for all the components typically required and those essential components often forgotten. These include automated data extraction, quality checking, transformation, lineage, discovery, observability, security, networking, governance and BI visualisation In addition, the solution can be provided as a Managed Service removing the need to recruit and retain a large, diverse set of skills without limiting future enhancement.

Background

Businesses gain the benefits of easy and rapid scaling, cost efficiencies and improved disaster recovery capabilities by migrating to cloud. Clients can obtain these benefits quickly using Dufrain's modern data platform, Catapult. When Catapult is coupled with Dufrain's managed services, clients attain peace of mind regarding their data capabilities. Dufrain can tailor these services to the individual client so SMEs can obtain a bespoke service, suited to their needs.

Migrating to cloud isn't straightforward and there are several factors limiting adoption:

> Complexity – cloud adoption is a multi-faceted beast and incorrect adoption can lead to an inefficient or ineffective result.
> Skillset availability –the relevant skills to perform a cloud migration end to end are quite specialist and often don't align with the skills of in-house teams
> Approach – selecting the right approach is critical to the success of your BI Programmes
> Cost and risk – while cloud can be cost beneficial, a poor implementation can cost more than on-prem and result in increased risks through security gaps etc.

These factors can cause organisations to struggle with cloud adoption and remain with their current on premises functions if they do not have the required resources and skill sets. On premises functions tend to be more costly than the equivalent cloud offerings, leading to lost efficiencies for the business. (optional paragraph)

Specifically, the skills required to implement a successful cloud data and analytics platform are too advanced/diverse for most organisations to retain. Where attempted, there are numerous examples of poor practice; characterised by issues ranging from security incidents to expensive failed pet projects.

"It made us feel excited, as it would mean the removal of problematic, legacy technology and lead to an improvement in performance, speed to delivery and also simplifying the complexities of legacy infrastructure, creating greater efficiencies for the Group and its businesses.."

Phillip Liu
Director of Data
Atlanta Group

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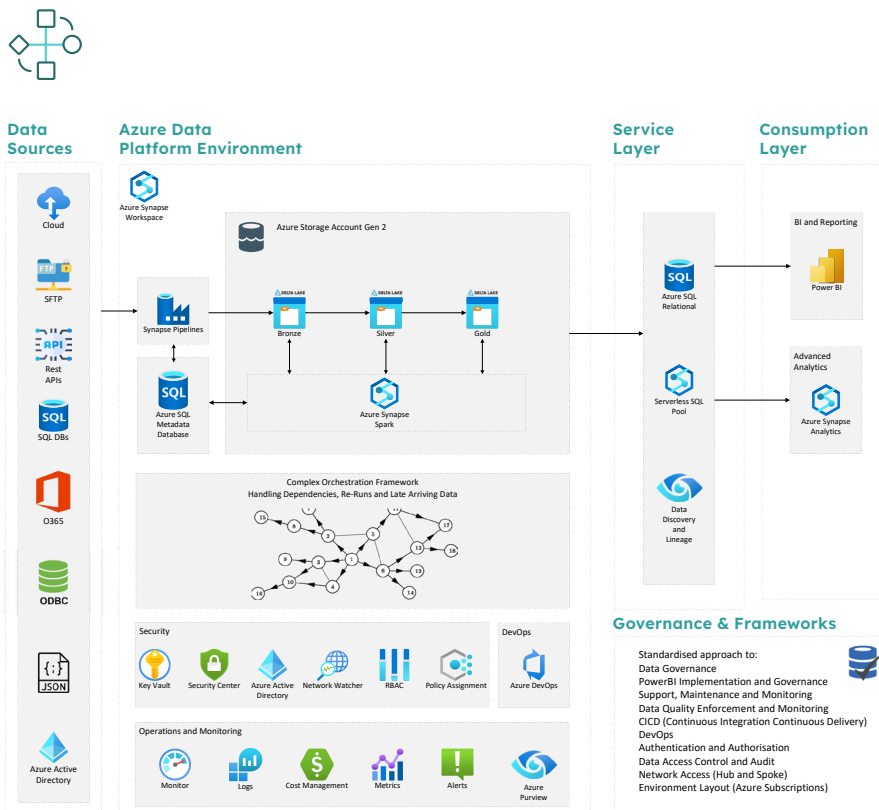**0800 130 3656**
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Overcoming your challenges

Dufrain can help, our Catapult & Managed Service offering will work with your organisation to not only design and implement the bespoke cloud solution, but it also provides operational support to maintain the system over a multi-year period. We simplify the deployment to cloud in a low-cost package, making the services available to you in a straightforward and easy to understand method, allowing you to easily track costs. Support for the platform is also scalable, as per your needs and is backed by a UK based managed services team.

Architecture and Approach

Catapult creates a Data Lake in an accelerated fashion, using an Orchestration Framework to build and operate data engineering processes.
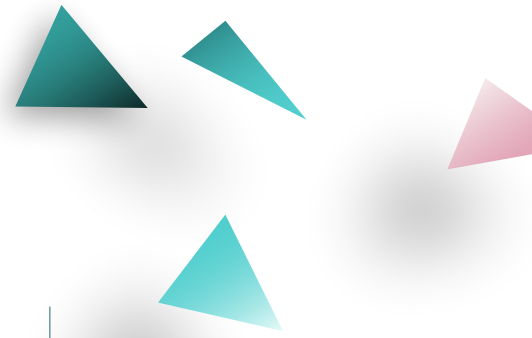

The core capabilities of Catapult:

> DevOps and Infrastructure as Code
Azure DevOps, Terraform, Azure Landing Zones, Networking

> Data Engineering
Synapse Pipelines, Synapse Spark

> Data Governance & Quality
Purview, Pydeeque, Dufrain Data Governance Approach

> Managed Service
Azure Data Platform Support, Data Engineering Support, Ticketing and Management & Pro-Active Monitoring, Azure Cost Monitoring

> BI and Reporting
Power BI, Dufrain PowerBI Governance Framework

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How Catapult helps Organisations

With the advent of Data Lakes, Medallion Architectures, Spark Engines and Data Virtualisation the data analytics industry has begun to resolve to a new set of standard practices. Unfortunately, these practices are more complex than the ones they replace.

Dufrain's Data Catapult is an accelerator onto a modern data platform that provides a complete solution. Addressing not just Data Engineering but Architecture, Security, Networking, Regulatory Compliance, BI etc. In addition, the capability to carry out machine learning and artificial intelligence is provided as part of the architecture delivered.

The integrated approach to delivery and support allows clients the greatest flexibility in terms of service selection and pricing. Additionally, by combining the delivery with the support in one package, we remain supporting you throughout the lifecycle of your cloud solution.

Why Dufrain?

Dufrain is on a mission to inspire, shape and deliver the data capabilities of tomorrow. With our team of data pioneers, we will support you at every step of your data journey, from getting your foundations and strategy right, to empowering your business with untapped intelligence, visualisations, governance, compliance an enabling your business to be AI ready and accelerate.

Dufrain's Catapult & Managed Services use simple integrated approach to on-boarding to cloud. Our engineering team have implemented cloud solutions across a variety of sectors; this has given them a strong track record in delivery through leaning on their vast experience and understanding. From developing the right strategy through to data management, data engineering, business intelligence and analytics, we provide a comprehensive range of innovative and cost-effective data services.

We have a proven track record and an in-depth understanding of the challenges facing organisations that are looking to optimise their data and infrastructure.

Benefits

> Catapult de-risks the implementation of a modern data platform and the associated development process by using a predefined accelerated approach
> Updates to the Infrastructure, platform and software are carried out as part of the service management process, improving security and accountability
> Catapult can move you from standing start with no cloud capabilities to a working Azure based Modern Data Platform, quickly and efficiently. Within a month costs are reduced and allows flexibility of CapEx vs. OpEx spend to suit your organisations budgetary needs

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Catapult in practice:

Example case study

£80m FUM surfaced & reported

New data quality practices enabled £80m FUM to be surfaced and reported in detail to the board
+
Significant improvements in data processing.
+
Enhanced capabilities
+
Efficient reporting to support key business decisions
+
Automation of manual tasks increasing efficiency

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