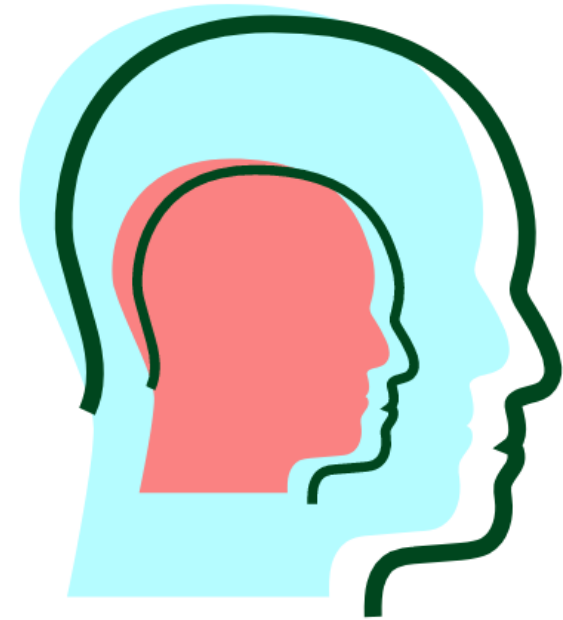


Head of Data as a Service: CD0aaS

G-Cloud 15: Service Definition Document



R E G I S T E R
D Y N A M I C S

Contact: hello@register-dynamics.co.uk
www.register-dynamics.co.uk

What is Head of Data / CDO as a Service?

CDO as a service is a cost effective and flexible way to support your senior leadership with their data responsibilities. Work with someone who's been a Head of Data or Chief Data Officer (CDO) before and gain data expertise that can be shared with your team.

Get Things Done

Not only can we offer real-world advice and strategic support - we can also implement, develop and run projects from start to finish for you.

Whatever you need reviewed, fixed, or completed - we will get it done.

Enhance Your Success

Let us work with you to create and deliver business value to your organisation, through data.

Whether you're looking to improve productivity, performance, reduce costs or drive innovation, your success and goal are our top priority.

Find a Trusted Partner

Never feel isolated or overwhelmed again. Trust us to support you and to be your champion whenever you need us.

Let us fill in the gaps and open up new opportunities for you to be the very best that you can be.

What does our Head of Data / CDO Advisory service offer?

We can help you with all of your data needs via offering support in 3 main areas:

1. Data Consultant with Director-level experience

Our data expert (G6 to SCS2 level, as needed) can:

Advise, mentor and coach you and your leadership team wherever they are on their data journey

Take on projects, lead and implement them as needed

2. Talent pool (of resources)

- Data scientists
- Data architects
- Data analysts
- Data privacy /protection specialists

Build your team and plug skills gaps easily. Access trusted resources you can rely on for each of your projects

3. Training workshops and programmes

Build skills in-house and create a robust talent management strategy

Includes:

- Developing a data-driven culture
- Enhancing data literacy
- Building a successful data governance framework

Meet our Heads of Data and CDO Experts

Our Senior team are here to support you with your data challenges. Whether you need someone to support you in an advisory role, or to help design, manage, lead or implement projects - we will find the right person to partner with you.



Simon Worthington

- 12+ years at the forefront of data technology and innovation working with GDS, DEFRA, DBT, DHSC, and BAE System
- Held Chief Data Officer roles in government and the private sector
- Commercially-minded business leader, manager, mentor and adviser
- Led delivery of DBT's large scale Tariffs data platform, working with 11 Departments to ingest and cleanse 2.5m tariff policy records in time for Brexit
- Delivered UK Gov's first new open data standard since 2018
- Created a groundbreaking new Data Maturity Model and Framework for authoritative data management for DEFRA



Andy Bennett

- 20+ years experience working in technology and supporting C-suite Executives across GDS, DfE, StatsWales, MoJ, BlueBay (Royal Bank of Canada)

- Highly skilled business leader, entrepreneur, advisor and problem solver

- Founding member of the Data Standards Authority at GDS, which works to improve how the public sector manages data
- Pioneer of the Personal Data Exchange Programme (part of the Government Transformation Strategy) to transform online services for citizens
- Contributor to the Technology Code of Practice (TCoP) section 10: Making Better Use of Data
- Ex-HESA (Higher Education Statistics Agency) Data Futures Programme Board Member



Alaric Snell-Pym

- 25+ years experience working with software, technology and with building data intensive services
- Insightful business leader, manager, connector and advisor who inspires others and gets things done
- Experience priming databases and managing ingestion into central data platforms at Teradata, RainStor and Volo Commerce
- Developed data dictionaries and architecture documentation as a Data Architect for DfE
- Primary UK Expert in ASN.1 (a standard interface description language for defining data structures) for the International Organisation for Standardisation (ISO)

We also have a supporting team of data specialists and resources who will be on-hand to support any agreed initiatives as we work together to drive your data agenda forwards.

Our 4 Step Process (with onboarding and offboarding)

Register Dynamics is a specialist data, technology and digital consultancy. We will work closely and flexibly with you to support your specific goals and needs. We tend to follow these 4 steps, however, will also tailor our approach based on what feels best and most useful for you:

1. Discovery & Evaluation

Together we will explore what your current situation is and what you and your organisation's needs, goals and priorities are.

We will discuss any challenges you are facing and what the best options are to tackle these.

We will agree what the best way to work together will be, and decide who to pair you with from our CDO expert team.

2. Scoping the Work

We will confirm key stakeholders and resources to be included in the work and what the main areas to focus on will be.

This includes agreeing exactly what to work on, when, who from our team is best suited to support this, and what the outcomes and expectations are.

We will create a clear plan and roadmap detailing what we all want and how to get there.

3. Implementation

Once our plan has been agreed we will start making it happen!

Your dedicated Head of Data / CDO expert will work closely with you, running and overseeing projects if required, and help manage any members of our team who join us too.

We will work closely with you as an extension of your organisation and support you in your vision.

4. Handover and next steps

Once everything is completed, we will arrange a thorough handover and ensure that you have everything you need to continue on without us.

We will make sure that knowledge transfer and learning is embedded into the process and can provide training and mentoring to your teams as well as ad-hoc support on a retainer basis if required.

Key Information

Agile ways of working

We take an agile approach to development and delivery. This means that we work in an adaptive, flexible and iterative way which we believe offers the best chances for success. We will always focus on your specific needs, goals and priorities and take a user-centred approach when implementing projects.

Data back up and disaster recovery

All of the data stored in cloud databases are backed up daily, in accordance with service level agreements and with the relevant hosting providers. Third party suppliers are reviewed regularly to ensure compliance with GDPR.

We understand the importance of creating robust business continuity and disaster recovery plans and will work with your staff to identify, manage and mitigate risks. In the unlikely event of a disaster

scenario, we will have created strategies to handle these efficiently and will be able to recover data and information assets fully.

Service constraints and service levels

We have no known constraints to the services that we offer. We aim to adapt quickly to each of our clients needs and to provide the best solutions, and data and technology consultants in our industry.

All service levels are agreed on a contract by contract basis.

Pricing

Please see our SFIA Rate Card for our price matrix.

Ordering and invoicing

Please get in touch at hello@register-dynamics.co.uk to discuss specific invoicing needs

Some of our clients in Government



Government
Digital Service



Department
for Education



Office for
Artificial
Intelligence



Department for
International Trade



Ministry
of Justice



Department
for Environment
Food & Rural Affairs



Cabinet Office
Digital



Central Digital
& Data Office



Department
of Health &
Social Care

Case Study 1: Leading a Department's Data Team

DEPARTMENT OF INTERNATIONAL TRADE

DIT's Digital Data and Technology directorate had a complex portfolio of products going through transformation to become more data-driven. Data products developed in-house needed to increase the maturity of their operations and data capability to keep up with user growth and establish a stable and reliable service.

Alongside a maturing core product offering, the directorate was developing new data-intensive analysis products to a rapid timeline and with high level of interest and engagement from Ministers. DDaT needed to support the timeline of these developments whilst ensuring risk was limited through adequate governance.

Because of a recent consolidation of data policy functions into the Central Digital and Data Office (CDDO), we saw a resurgence in cross-Government data initiatives such as a new Data Quality Framework. DIT wanted to keep pace with these developments and share the best practices developed internally.



What we did

Register Dynamics supplied senior Deputy Director level staff to provide leadership of delivery teams and act as an interim Chief Data Officer (CDO). Our staff joined as full members of DDaT's senior leadership team and helped steer the direction of the department's digital function. We provided both senior level management and strategy capability alongside deep technical knowledge of data and digital delivery.

We oversaw the work of delivery teams developing data-heavy solutions in the Department and in collaboration with other Depts, ensuring they stuck to standards that reduced risk and cost. Where necessary, we facilitated high quality outcomes by engaging them appropriately with data professionals.

We provided pastoral care and management of data community leaders to ensure data capability continued to grow. As a Member of the Data Ethics board, we advocated for responsible data use by highlighting ethical, protection and governance issues around use of data in the Department and by amplifying input from marginalised groups.

We represented DIT's departmental interests at multiple cross-Government boards, including Cabinet Office Data

Leaders groups, border delivery groups and CDO network groups, identifying issues and steering direction of standards development conducted by the centre.

In addition, we planned and coordinated a cross-DIT response to the National Audit Office (NAO) audit into data maturity, quality and governance. We ensured that all data practitioners in the department from digital, statistical, economist and monitoring teams were properly represented in the Department's response.

The result

Our senior staff successfully navigated teams through delivery challenges, ensuring they stayed on track. We helped teams understand the direction being set by departmental seniors and relate their work to the department's overall mission, forming the objectives and key results for future work.

We successfully delivered the NAO audit on time and with full buy-in from all cross-Department stakeholders.

At the end of our interim deputy directorship, we provided a high quality handover and a stable and fuss-free transition to the permanent CDO.

Case Study 2: Digitising Teacher Training in the UK

DEPARTMENT OF EDUCATION (DfE)

The DfE wanted help in transforming the way they supported teachers in their first 2 years of work. They wanted to improve the support offering generally and brought Register Dynamics in to help with this. However, on the first day of working together, it was also the first day of a COVID-19 Lockdown in 2020. This meant that ministerial priorities changed over night and we had to adapt to this situation quickly. A National Lockdown meant that schools and colleges were only open for vulnerable children and children of critical workers and all other children learnt remotely.

The first few years of teaching are often tough, however, in this case, many teachers would now miss the bulk of their first or second year onsite at a school. This meant that the usual initial teaching training experience would be disrupted and we needed to accelerate the transformation of their induction programme to be online-first. This involved bringing future timelines forwards by several years which was a significant task.



What we did

Register Dynamics supported the Department of Education by supplying a Director-level Technical expert to manage, lead and implement the desired digital transformation.

Over the next few months we worked on developing a brand new website and platform to deliver their Early Career Framework Core Induction Programme. It was incredibly important to get this completed in time for the new academic year in September 2020 and it required working with a range of vendors and content publishing partners to deliver original training material in a fully accessible way.

As the Technical Experts, we advised on how to safely streamline the various project deliverables including: negotiating requirements and deliverables with vendors and publishing partners, ensuring that the new content accessibility guidelines required for public sector websites were met, and that departmental architectural standards and support models were followed. We made sure that the platform would be maintainable by the department and that all user needs would be satisfied until the urgency of the pandemic requirements had passed.

This also involved helping the department to prioritise various technical requirements including choosing to defer more strategic investments such as e-learning platforms which would have required further in-depth research and

multi-year commitments. These represented a large amount of risk on the new timelines and our focus was on making sure that the platform was optimised and available by September 2020. This would allow teachers access to the materials and training that they need as quickly as possible.

The result

The Early Career Framework Core Induction Programme was launched and rolled out nationally by the government in 2020. It is said to be 'one of the most significant reforms to the teaching profession in a generation'.

The programmes include high-quality, evidence-led development materials from 4 expert teaching training providers: UCL Early Career Teacher Consortium, Teach First, Ambition Institute and Education Development Trust. We were able to make all of these materials available for free via the platform.

The Department for Education continues to build on its support for teachers and performs an evaluation of the framework each year. The reports show improvements in the confidence of early career teachers. In 2023 more than 85% said they felt confident in promoting progression of pupils, planning and teaching well-structured lessons and in setting and demonstrating high expectations which inspire and motivate pupils. Four in five early career teachers also said they were likely to be teaching in 5 years time.

About us

R E G I S T E R
D Y N A M I C S

Register Dynamics is an independent data and technology consultancy based in the UK. We are a team of technical, data and business specialists working with public and private organisations to support them with their technical and data challenges.

We pride ourselves on supporting organisations to drive their data agenda forwards. This includes implementing data and analytics strategies to boost data intelligence, building data capability that drives business value, establishing good data governance and nurturing a data-driven culture.

Through 'Head of Data as a service' or 'CDO as a Service', organisations can plug skills gaps and build data teams easily, work with a senior data expert (with CDO experience) and implement training workshops and programmes to build data literacy and up-skill staff quickly.

We also offer more traditional data consultancy across the following strategic areas: Data strategy, Digital transformation, Data governance and Building Data Maturity. We can also support organisations across operational areas such as: Data management, Data cataloging and cleansing, Data standards, Technical assurance.

www.register-dynamics.co.uk | [@RegDyn](https://twitter.com/RegDyn)



If you have any questions please do not hesitate to contact us at:
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