

**PROACT**

# G-Cloud 14

Data and Integration  
Discovery

## Document control

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## Revision history

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04/04/2024	Colin Abram	V1	Document Upload

# Data and Integration Discovery Service

## Service Overview

Each technical delivery area is provided with an overarching technical delivery strategy which feeds into a programme preparation documentation and acts as a parent document to individual strategies for EPR, ERP, HCM technical implementation workstreams such as; Infrastructure and Platforms; Data Storage; Integration; Data Conversion and Migration; Data Archiving; and Data Reconciliation.

Early feasibility analysis and strategy development are used to inform an initial high level delivery plan which is evidenced based and centred around an approach which is technically achievable by a business.

This plan leverages our experience in digital transformation programme delivery, to identify suggested resource requirements to achieve the proposed high-level plan, and again help inform the programme business case(s) to understand expected costs at an early stage in the preparation and programme initiation phase.

## Data Quality Assessment

Output of the assessment is auditable and will show progress of data quality improvements over time. The data assessment is delivered using a tools-based approach, using an iterative and repeatable process which enables data quality to be tracked and improved ahead of migration workstreams.

The assessment will consist of:

- review of existing source systems and data governance protocols
- production of reports to extract source data
- production and application of required validation rules
- production of Data Quality output report.

The Data Quality report will highlight required standards to meet the recommendations of the Data Discovery and Migration Strategy.

## Integration Audit

The Integration Audit will examine the current integration infrastructure including: -

- Audit of current infrastructure and recommendations for improvement
- Assessment of all current interfaces to assess whether they need to be migrated or are no longer required
- Audit of all interfaces requiring migration to highlight factors such as technical debt, coding standards, documentation, and error handling
- Impact assessment of migrating interfaces

The output will highlight estimated required effort, required skill sets, and possible risks and issues of delivering an Integration workstream.

## BI Reporting Strategy

The audit of as-is BI environments will be carried out as part of a Data Discovery and Data Migration Strategy thereby reducing the burden with the following key resources:

- understanding the level of data processing that is carried out either as part of the data flows, or in the data warehouse(s)
- an understanding of all outputs from the Data Warehouse ecosystem including:
  - how operational reports are published and consumed
  - how statutory reporting is carried out
  - who uses the reports and why
  - how outputs are validated and managed
  - if there are any downstream systems that are fed data from the data warehouse
- an understanding of the level of data quality within the data warehouse(s)

## Features of the Service

- Consultants will spend time interviewing key stakeholders
- Conduct data mapping workshops
- Understand the scope of historical data for migration and/or archiving
- Understand the true source of master data across multiple systems
- Understand the planned number of test cycles
- Define the entry/exit criteria for each cycle
- Capture the deliverables required from all engaged parties
- Provides information regarding where the data is stored and how it can be accessed
- Timings and frequency of data extracts
- Which modules are in use
- Mechanisms for Data Extraction, Transformation and Load (ETL)
- Details of known data quality issues that the Trusts can review
- Integration

## Benefits of the Service

- The service can be provided to help inform and support business cases
- The service can be undertaken prior to choosing a preferred EPR, ERP or HCM vendor
- The service provides an early insight into the potential data quality issues that could affect a programme
- The service delivers comprehensive data migration, data archiving and integration strategies for public sector and healthcare providers

## Implementation Plan – How is the Service Commissioned for the Customer

Egress will provide consultancy services to assist in developing a realistic and achievable data migration, data archive and integration strategy to enable a safe and successful project. Egress will consider the most appropriate, cost effective and operationally/clinically relevant approach to migrating and/or archiving of data. This service will be commissioned by undertaking a series of workshops and activities with key stakeholders involved in the project.

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## Pricing

Pricing is charged based on Proact's day rates as detailed in the rate card below.

## Professional Services Day Rates

Level	Strategy and architecture	Change and transformation	Development and implementation	Delivery and operation	People and skills	Relationships and engagement
1. Follow	N/A	N/A	£600	£600	N/A	N/A
2. Assist	N/A	N/A	£600	£600	N/A	N/A
3. Apply	N/A	N/A	£850	£850	£850	£850
4. Enable	£1,000	£1,000	£1,000	£1,000	£1,000	£1,000
5. Ensure, advise	£1,250	£1,250	£1,250	£1,250	£1,250	£1,250
6. Initiate, influence	£1,500	£1,500	£1,500	£1,500	£1,500	£1,500
7. Set strategy, inspire, mobilise	£2,000	£2,000	£2,000	£2,000	£2,000	£2,000

Pricing excludes VAT.

Pricing is for resource only and full day rates include travel and expenses within the UK, work outside the UK will be quoted separately to include travel and expenses costs.

Standard working hours are 09:00 to 17:30, Monday to Friday excluding UK public holidays – Uplift for out of hours: Evenings, Weekends and Bank Holidays x2.

Services are subject to scope of works definition – Some specific skills or to meet urgent timescales may require 3rd parties and may incur a higher cost, which will be quoted on a case-by-case basis.

The following table provides an overview of the deliverables provided against the day rate levels detailed above:

Level	Title	Description
3	Field Engineer	<ul style="list-style-type: none"> <li>• Installation of pre-configured devices and associated connections.</li> <li>• Conducts basic hardware operational tests, troubleshoots malfunctions and replaces faulty hardware components, where applicable</li> </ul>
4/5	Professional Services Engineer	<ul style="list-style-type: none"> <li>• Experienced Technical Expert in their area of specialism</li> <li>• Defines the installation procedures and order of work</li> <li>• Installation of hardware and software</li> <li>• Conducts testing and recoding of results</li> <li>• Completes health checks and documents recommendations</li> <li>• Carries out fault diagnosis</li> <li>• Customer handover</li> </ul>
6	Technical Architect	<ul style="list-style-type: none"> <li>• Technical Lead providing expert technical knowledge in their area of specialism</li> <li>• Experienced in capturing requirements and translating into multi technology / multi-vendor designs</li> <li>• Capable of extrapolating the impact of Data Protection and Disaster recovery into architecture</li> </ul>
7	Enterprise Architect	<ul style="list-style-type: none"> <li>• Ability to design to business goals and systems requirements</li> <li>• Capable of running large multi-national programmes</li> <li>• Assistance in the development of IT Strategy, Policies and Governance</li> <li>• Able to write detailed Business Cases</li> </ul>