

Valcon G-Cloud Lot 3 Service Definition

Data Quality

[Set Up and Migration | Data auditing and organising, Data/Information structure design, Service optimisation/right sizing]

Version 1.0

1. About Us

Valcon is a leading European consultancy specialising in AI and data-driven business transformation, with a growing and established presence in the UK. A trusted partner to major organisations including multiple UK Government departments and public sector agencies. Valcon connects strategy and operations, helping organisations create value in their transformation programmes.

With over 1,750 consultants across Europe, Valcon brings deep expertise across data, AI, technology and consulting. In the UK, Valcon works with clients across financial services, public sector, retail, industrials and infrastructure. Valcon is backed by private equity firm Rivean Capital.

2. Service Description

Valcon has up-to-date knowledge of the Data Quality landscape and have relationships with all leading vendors including: Alation, Atlan, Collibra, data.world/ServiceNow, Informatica and Microsoft. These vendors offer a range of solutions and implementation approaches that complement Valcon's discover to live approach.

Features

- Enterprise data quality assessment and maturity benchmarking
- AI-ready data quality rules and controls by design
- Data quality tooling and observability implementation
- Integration with data governance and data catalogue platforms
- Prioritised remediation roadmap for critical data assets
- Support for cloud, on-premise and hybrid environments
- Agile delivery aligned to public sector operating models
- Knowledge transfer and adoption support for internal teams
- Technology-agnostic, vendor-independent delivery approach
- Automated monitoring, alerts and data quality dashboards

Benefits

- Enhanced decision-making accuracy with reliable, high-quality data
- Increased trust in data used for services and policy
- Reduced operational risk from poor-quality data
- Faster readiness for AI, analytics and automation
- Improved compliance with UK data regulations
- Reduced cost of rework and manual data cleansing
- Consistent data quality across systems and departments
- Improved interoperability between organisations and suppliers
- Clear ownership and accountability for data quality
- Sustainable data quality embedded into daily operations

3. Approach

Our Data Quality service is delivered through a structured, agile, phased approach aligned to UK public sector best practice and typically involves the following phases.

Phase 1 – Discover & Diagnose

We engage stakeholders to understand organisational priorities and critical data assets. Through interviews, artefact reviews and targeted profiling, we assess current data quality, identify root causes, and evaluate AI-readiness. Outputs include a data quality baseline and prioritised issues aligned to service and policy outcomes.

Phase 2 – Design & Standardise

We define data quality dimensions, rules and metrics covering accuracy, completeness, timeliness, consistency and validity. These are aligned with UK General Data Protection Regulation (GDPR), the Data Protection Act 2018, government data standards, and ethical AI principles.

Where required, we select and specify relevant design patterns to support data quality and observability tooling, ensuring alignment with and compliance to your departmental change, release, and configuration management processes. In these circumstances, a High-Level Design (HLD) is produced to define how the data quality service will operate within the enterprise landscape, covering architecture, integrations, data flows, security, privacy (including DPIA considerations), operating model, and alignment to AI-ready data principles, while remaining aligned to organisational standards rather than low-level configuration. The HLD is reviewed and approved through the appropriate governance forums (e.g. Design Authority, Architecture Governance Board), providing formal authorisation to proceed and ensuring the solution is compliant, secure, supportable, and fit for purpose.

Phase 3 – Implement & Automate

We configure and deploy data quality and observability tools, integrating them with existing data platforms, catalogues, and pipelines. Configuration is validated through testing in lower environments, including the controlled rollout of new rules and thresholds, security and penetration testing where required, and formal user acceptance testing (UAT), before promotion to production. Automated checks, dashboards, and alerts are then established to monitor ongoing data quality and support proactive issue management.

Phase 4 – Embed & Improve

We establish ownership, governance and operating processes. We assure adoption of new ways of working with our world class change management expertise and experience employing targeted communications, training, role-based enablement, and tailored guidance materials. Continuous improvement mechanisms ensure data quality evolves alongside organisational needs and emerging AI use cases. All supported by comprehensive knowledge transfer, supervision and hypercare to ensure maximum uptake and a seamless transition to business as usual (BAU).

Key Deliverables: data quality assessments, rule libraries, monitoring dashboards, remediation roadmap, and operational handover documentation.

4. Effort and Cost

Effort will be determined collaboratively between the Valcon and the client based on the skills mix and scope required.

Please refer to the Pricing Document for current rates.

- Rate card prices are exclusive of VAT.
- Expenses are recharged at cost and supported by receipts.
- Expenses may include reasonable travel, accommodation, and subsistence costs.

- The payment schedule will follow milestone completions as agreed in the Statement of Work.

5. Assumptions

The successful delivery of the engagement depends on assumptions and dependencies jointly agreed between the Valcon and the client.

- These may include (but are not limited to):
- Access to required stakeholders, systems, or information
- Timely decisions and approvals
- Availability of resources and infrastructure
- Defined governance and communication processes

All assumptions and dependencies will be recorded and validated as part of the Statement of Work (SoW).