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**Deloitte Data Management
as a Service**

Technology enabled managed
solutions, driving intelligent data
in Financial Services



What makes Deloitte's Data Management as a Service the hosted data management offering of choice?

Data Management as a Service is the new, hosted data management service from Deloitte in association with Informatica. Bringing together industry-leading Deloitte Intellectual Property and best-in-class data management software solutions, Data Management as a Service provides fast, scalable and cost effective access to data management best practices and solutions, extending the capability of your CDO and IT departments at speed, without the need to commit to long-term investment.

With instant access to content including: Critical data element and data control inventories, regulatory libraries and data control mappings, business process inventories, data governance and quality rulesets, workflows, reporting, metrics and issue management processes, Deloitte's Data Management as a Service can mature your data management capabilities rapidly, with no up-front cost.

Data Management as a Service benefits at a glance

The need to effectively manage high quality data for commercial and increasingly stringent data regulations is growing. However, in-house data management systems often require large capital expenditure outlays and considerable investment in developing or on-boarding high quality data management teams.

To leverage data as an efficient and effective business asset, you need fast access to industry-leading data management expertise and solutions, and the ability to scale your data management capabilities and infrastructure on demand. Data Management as a Service allows you to start small and scale as necessary, with no CapEx investment, whilst mitigating the costly exercise of recruiting and training a full-time equivalent team. For the CDO or IT manager, that means you can automate time-consuming data management tasks, and focus on delivering value from the hosted applications and analytics you implement.

That means immediate benefits relating to:



Efficiency/automation

Reduce the time, effort and complexity of data management across your organisation



Compliance

Prebuilt IP and software solutions to better meet the requirements of many forms of regulation and compliance



Enhancing your business

Quicker and more complete meeting of the needs of your data consuming community, empowering your workforce and increasing process effectiveness



Data Quality

Build a foundation of trust in your data

Data Management as a Service has been designed to address your pain points, through specific use-cases



Support compliance journeys

Mitigate risk and support compliance journeys by identifying what data your business has, where it is stored, who has access, and ensuring this critical data is governed, accurate and up-to-date. This is achieved through a hosted, enterprise-ready data management solution which can record data usage, flows and definitions. Furthermore, Data Management as a Service offers pre-defined quality checking and reporting for GDPR Article 30 requirements and MiFID Transaction and Financial Instrument reference data, along with accelerators for BCBS239 and Solvency II compliance.

More broadly, Data Management as a Service helps address sustainable compliance challenges through the provision of managed services supported by cloud hosted tools to provide:

- Data inventories to record data usage, responsibilities, flows and definitions
- Data governance and quality workflows and reporting to support engagement with stakeholders and/or governance forums and embed accountability
- Profiling and assessment of the quality of data, leveraging Deloitte library of data quality rules (including reg specific pre-defined rulesets) and machine learning techniques for anomaly detection and automated rule enhancement and definition.
- Customer data cleansing and enrichment
- Pre-loaded regulatory driven glossaries mapped to data controls and process inventories.
- Data governance AI chatbot trained in your data policies, glossaries and regulatory requirements, supporting business engagement and compliance.



Increase operational efficiency and effectiveness

Reduce the time, effort and complexity involved in ascertaining the quality of your data, while also reducing the effort of standing up teams to measure, monitor and remediate. Quality Manager uses pre-populated and automated techniques to provide quality assured data, coupled with proven issue management and remediation processes, to ease the burden on your existing resource.

When you need to migrate data from legacy to cloud platforms (or between platforms), upgrade, or consolidate your data, Data Migrator reduces complexity and protects your budget by automating repetitive tasks which otherwise require costly employee input.

Through leveraging pre-configured ownership models, workflow functionality and reporting, Data Governor supports engagement with relevant stakeholders across your organisation and or/governance forums, promoting ownership and accountability for your data.



Unleash valuable insight

For those businesses who have a robust data management system in place, the challenge is to move from compliance oriented requirements to releasing the business value of data. That means drilling down on its value, tapping into customer insight, and disrupting the industry through new products and service models powered by data. Data Management as a Service breaks through organisational silos and helps businesses of any size extract the maximum value of its data.



Leverage data as a differentiator

Data is not just a business asset – it is a key differentiator, especially when a business has the resources to improve data accuracy and quality, as well as automate data handling. Data Governor allows automated handling of user queries on data and policies. Furthermore, Quality Manager draws on Deloitte's library of data rules, best practices and machine learning techniques to profile and assess data quality as well as providing remediation capabilities.



Drive innovation

A successful business needs the ability to identify patterns and trends in key markets ahead of the competition. Automated data handling and data quality through Data Management as a Service can drive innovation and improve the accuracy, quality and speed of governance processes, as well as reducing data management overheads through AI, Machine Learning and Automation. You can also leverage Deloitte's library of data quality rules to assess data quality and reduce risk with rapid deployment of an enterprise-ready data management solution.

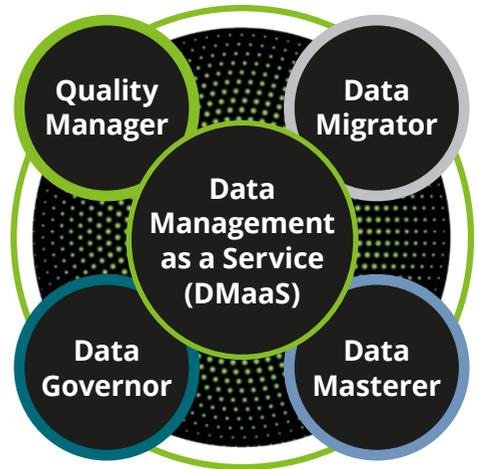
Data Management as a Service comprises four modules

Quality Manager is a subscription-based hosted data profiling and data quality assessment solution complete with Deloitte pre-defined rulesets. Enhance your existing capability with access to rulesets developed to reduce compliance efforts across a large number of regulations. Cloud-hosted tooling overcomes the obstacle of technology implementation or CapEx, since each service is priced by data volume. Quality Manager provides instant access to data quality profiling and assessment with accompanying managed service around DQ issue management, remediation & workflows. In addition, advanced, intelligent data quality can be achieved through our machine learning enabled anomaly detection and rule auto-population capability (REACT).

Data Governor is a hosted business glossary and data governance solution, with pre-loaded libraries of data definitions and data governance workflows that can support multiple regulatory requirements across your business. Optional data governance chatbots can be deployed to automate handling of business user queries on data, data quality, policies and regulation, freeing up resources for your CDO team.

Enjoy access to:

- Pre-defined risk & finance glossaries, critical data element inventories, terms and definitions, data controls, and business processes
- Regulatory libraries and data control mappings
- Pre-configured data governance workflows (e.g. approval for term definitions and DQ issue escalation routes)
- Reference data ownership models
- Customised data governance MI
- GDPR Article 30 and MiFID reference data reporting
- Accelerators for BCBS239 and Solvency II compliance



Data Masterer provides rapid access to a cloud hosted Master Data Management toolset, enabling data mastering and de-duplication services across customer, product and vendor data-sets. Pre-defined standardisation engine and DQ rules integrate seamlessly with your existing source systems to ensure scalable, secure master data management capabilities are implemented across the entirety of your business.

Data Migrator Many businesses are still storing their data across a combination of legacy systems and hosted platforms, but regulatory pressure and the need to compete in the marketplace both lean towards decommissioning legacy storage in favour of fast, agile hosted storage in the future. A large proportion of data migrations, however, go over time, over budget, or fail altogether – with catastrophic consequences for the business. Enjoy the benefits of your new systems and applications faster by accelerating data migration from your legacy systems to these. Data Migrator provides fast upgrade and consolidation, extracting, loading and verifying your data without tying up human resources. With the arrival of new trading rules post Brexit, you can also rely on the valuable support of Deloitte’s best-practice migration methodology to see migration through in a time-pressured context.

Key benefits to your business



Instant access to industry leading technology

Data Management as a Service is delivered through a simple one-off or subscription model basis, yet one which allows access to Deloitte IP and best-in-class data management software. This gives your organisation fast access to a suite of industry recognised, enterprise-ready data management capabilities through a secure managed service.



Whatever your size or budget, Data Management as a Service can make your data ambitions a reality

Data Management as a Service does not require any up-front investment in FTE recruitment and upskilling or infrastructure. From day one, you have access to expert teams through a one-off or rolling subscription, which minimises technology maintenance overheads, CapEx, and demand on CDO and other FTE resources.



Start small, scale fast in a secure environment

We understand that organisations have varying levels of data management maturity, so Data Management as a Service has been designed as a solution that enables you to start small and scale fast according to a flexible cost model. Our solutions integrate with what your organisation already has, and scales to where you want to be. Rapid POC and pilot deployments can be used as a vehicle to prove effectiveness of the solution, and feed into business case formulation for full scale implementation.



Minimise risk and accelerate time to value

Through our managed service approach, we provide access to Deloitte data management SMEs, regulatory professionals and IT resource, reducing project risk and implementation effort. Enable accelerated time to value, by accessing Deloitte IP pre-loaded into the Data Management as a Service platform, including:

- Glossaries, definitions and relationships (including GDPR, MiFID, Basel, Risk and Finance)
- Reference critical data element inventories
- Data control inventories
- Regulatory libraries and data control mappings (PROACT)
- Business process inventories and data mappings
- Data quality rulesets
- Data governance and quality workflows
- Data governance and quality reporting and metrics
- Workflows for metadata update and maintenance
- Data quality issue management processes
- Hosting and maintenance of cloud-based business glossary solution
- Data mastering
- Data migration / ETL

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