G-Cloud 14
Service Definition

Real Time Data Cloud Implementation Services

May 2024

accenture

Service Introduction

Our service supports migrating mission critical data processing workloads to public or privately hosted cloud platforms delivering advanced analytics and data lake services infrastructure.

We build and operate bespoke high performance data pipelines that orchestrate, ingest, fuse, manage, integrate, expose and exploit your data in realtime to help you operate at scale in a secure, fast and reliable way.

- We are experts at working with Kafka based realtime data services, whether running natively, as part of a managed third-party service, hosted on-premise or on-cloud. We help you set up your environments for success.
- Our expert level CI/CD release processes help you manage the build and deployment of your realtime data pipelines. We can even help to create accelerators to shorten the development lifecycle for integrating new feeds.
- We have extensive experience in the provisioning of realtime data quality monitoring and assurance services - helping you to push clean data to your edge services.

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Service features and benefits

Service features

- Reduced Complexity: Rationalised ETL, Data Warehouse, ML and AI data management
- Cloud Migration Expertise: Smooth migration of critical data workloads to public or private clouds.
- High-Performance Pipelines: Develop bespoke data pipelines optimised for speed and reliability.
- Real-Time Data Operations: Support for real-time data ingestion, fusion, and management.
- Advanced Data Integration: Seamlessly integrate diverse data sources and systems.
- Secure Data Handling: Implement stringent security measures to protect your data.
- Scalable Infrastructure: Design and operate scalable architectures suitable for advanced analytics and data lakes.
- Data Exposure and Exploitation: Efficiently expose and exploit data to drive business insights and decisions.
- Continuous Monitoring and Management: Proactive operations management to ensure continuous performance.

Service benefits

- Enhanced Operational Efficiency: Achieve faster and more reliable data processing to boost operational efficiency.
- Scalability and Flexibility: Scale your data infrastructure as needed, with the flexibility to adapt to changing business requirements.
- Improved Data Security: Benefit from top-tier security protocols ensuring data integrity and compliance.
- Seamless Data Integration: Integrate data from multiple sources effortlessly, enhancing data accessibility and utility.
- Real-Time Analytics: Leverage real-time data for immediate insights and action, enhancing responsiveness to market changes.
- Cost-Effective Operations: Reduce costs associated with data management and infrastructure maintenance.
- Strategic Data Utilisation: Utilise data more strategically to drive innovation and competitive advantage.
- Reliability: Rely on continuously monitored and managed services that minimise downtime and disruptions.

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Key differentiators

6point6 deliver lasting value from our deep expertise in DataOps

At the heart of what makes us different is our run graph analytics framework.

Expert Migration Planning or new data feed on boarding is a core part of our service. We help you navigate the pitfalls.

Deeply experienced data engineers help to design bespoke components delivering complex event processing and even probabilistic matching engines - that are tailored to your needs.

Our platform designs are informed heavily by best practices in distributed computing. We design all our components to scale in the cloud, so your services can grow with your ambitions. and success.

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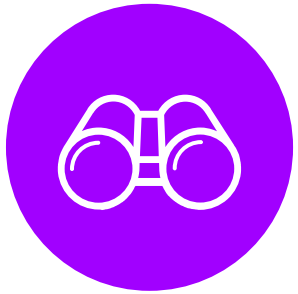
Service implementation



Foundation & Design:

(2-3 months*)

Work with you to understand the existing data estate, and gather requirements, do the design and architecture.

Migration & Processing

(3-4 months*)

Build new data ingestion routines and the Integrate data sources, develop stream processing logic. Test. Configure data access controls.

Scaling & Optimisation

(2-3 months*)

Implement the solution on live flows in pre-prod then monitor, plan and optimise for performance, and service scalability.

Deployment & Improvement

(2-3 months*)

Deploy to production, monitor, and iterate for continuous improvement.

Work with consuming systems to integrate with downstream services.

* assumes up to 15 low to medium complexity datasets

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Why 6point6?

Technology agnostic and outcome driven

We mobilise quickly and deliver at pace

Integration and support capabilities around the UK

Our people are proven experts

Transformation secured

We work to

Create innovative new digital products to keep your business ahead

Transform the way you do business with focused insight and analytics

Strengthen your operations, supporting and developing your team and infrastructure

Secure your data and your technology investments

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“Working with 6point6 is a true partnership. Their team had the motivation and drive necessary to help us achieve seamless integration, enabling us to reach a critical and ambitious milestone in transitioning all of our platforms into the cloud.”

Mark Brincat, Chief Technology Officer, SHL.

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Pricing

Please refer to the associated Pricing Document relevant for this Service.

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About Accenture

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