

G Cloud 14 Service Definition Document

# Partner Services

A large, abstract graphic in the lower half of the page. It features a series of interconnected white dots forming a mesh that creates a wavy, undulating shape. The dots and lines are highlighted with a green and yellow glow, giving it a digital or network-like appearance. The background is a dark green gradient.

Modernise Manage Monetise

## About Agile Solutions

**Agile Solutions is a UK based Data & Technology consultancy, providing a range of Data Management, Analytics and Cloud Computing services, with offices in Milton Keynes, Manchester, and Glasgow.**

We work with SMB, Mid-Market and Enterprise clients across a wide variety of industries, including the wider public sector including central and local government. Some examples of our clients include the Department for Education, Department for Work & Pensions, the Gambling Commission and UK Export Finance.

Our key differentiator and our strength is in our people. As a business we specialise in data but it's the broad range of skills exemplified by our team that makes us a truly unique data partner. Our Technology skills sets, project management, consultancy and commercial awareness enable our team to deliver projects that go beyond our client's expectations.

Working with Technology partners such as Microsoft, AWS, Informatica, AWS and Snowflake, we help businesses to Modernize and get ahead of their competitors by harnessing emerging technology, people and process trends. We help Manage customers data by ensuring it is always reliable and ready to power their business and create a competitive advantage with new data driven solutions by Monetizing customers data.

Alongside the Partner Services referenced in this Service Definition Document, we also provide dedicated services for Informatica, Azure and Semarchy. For more information, please see our other G Cloud 14 listings.



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## Vendor Review and Selection

**Our expertise and unique insight into the digital marketplace ensure that we are well-placed to identify the right tools for our customers. We play close attention, not just to business requirements but also to strategic alignment, choosing vendors whose values and goals align with those of our customers.**

### Features

- Kick-Off and requirements definition
- Defined technology prioritisation, roadmap and timeline plan
- Market industry research and first vendor filtering
- Request for Proposal (RfP) definition, scoring, evaluation and support
- Procurement and commercial support
- Evaluation and adoption strategies for emergent and disruptive technologies

### Benefits

- Enables selection of fit for purpose data platform tooling
- Control cost, scope and adoption of the data platform
- Provides latest analyst views of vendors in comparative markets
- Enables stakeholders to rapidly compare features, functionality, and price
- Ensures commercial alignment to Value for Money outcomes

## Case study

### Problem Statement

A large utility faced data silos, poor data and low levels of automation. They recognised that they needed to consider tools to support their digital journey.

### Solution

We conducted a comprehensive vendor selection process, engaging with stakeholders to establish business requirements and priorities. Using our evaluation framework to assess vendor capabilities, compatibility, aligned with client needs to ensure the best tool was selected.

### Outcome

We were able to identify the right tool and assist in the implementation and configuration. Using the tool, we streamlined data processes and removed data silos, significantly reducing the impact of data issues.

## Case study

### Problem Statement

A government department recognised the need for data governance tooling due to the size and complexity of its data estate. They needed help to clarify requirements, assist in tool selection and establish the onboarding journey.

### Solution

A thorough process followed, to establish business requirements and priorities which was assessed using our evaluation framework.

### Outcome

We were able to identify the right tool, determine the best way to onboard and develop knowledge transfer initiatives to increase data literacy and buy-in. Using the tool, we streamlined data processes and removed data silos, significantly reducing the impact of data issues.



## StreamSets Control Hub Services

**Agile Solutions can help you utilise StreamSets Control Hub as a Data Integration platform for hybrid and multi-cloud environments. This allows you to collaboratively build pipelines, execute dataflows at scale and monitor day to day operations with real time statistics and alerting.**

Our G Cloud 14 Partner Services provide our customers with end-to-end support across their projects, building trust in their data.

### Features

- Automated Data Pipelines
- Build and run streaming, batch, ETL & ML Data Pipelines
- Automatic Data Drift detection
- Real time, end-to-end view of all Data Pipelines
- Manages, monitors and scales environments
- Collaborate with pipeline fragments, templates and build in version control
- Single design canvas for building all pipeline patterns

### Benefits

- Time to build and deploy pipelines reduced by 90%
- Enforces dataflow performance & quality with Data SLAs
- Design & operate entire data flow topologies in central hub
- Protects sensitive "in-flight" data
- Transparency and control of all data pipelines
- Easy collaboration between developers

## Case Study

Agile Solutions helped an organization take a customer-based view to improve every customer journey. Being able to access accurate data in real-time was critical to making their initiatives a success.

Customer Data updates needed to be synchronized across multiple sources, making a single version of the truth available. Streaming a single customer view in real-time Agile Solutions designed and built a real-time Single Customer View solution, with associated data services. Data streaming pipelines using StreamSets, Kafka and Mongo DB were used to stream real time customer and product data to a single customer view.

## Case Study

Agile Solutions provided resources delivering real time customer alerting use cases including regulatory commitments and transaction alerting. This improved the organisations messaging capability and provided real time communications via SMS and mobile app push notifications.

Our team has provided solution design and data engineering capabilities delivering as part of a mixed team. Streaming pipelines were built using StreamSets to stream real time customer transaction data to the platform which enabled the organisation to make personal mobile app push notifications one of their primary customer messaging channels reducing cost and improving customer experience.

## StreamSets Data Collector Services

**Agile Solutions is a StreamSets partner and is experienced in installing, registering and using StreamSets Data Collectors. These integrate directly with StreamSets Control Hub and is the engine that facilitates the designing and executing of pipelines and jobs.**

### Features

- Available on-premises or on a protected cloud computing platform
- Automated provisioning
- Data Collectors can serve as an authoring or execution engine
- Monitoring, alerting and logging
- Extensive data source connectivity
- Powerful Transformation Capabilities
- Supports data streaming and batching

### Benefits

- Streamline the pipeline creation process
- Easy to use, user interface with minimal programming requirements
- Built-in connectors to many databases, file systems & cloud platforms
- Flexible deployments, on-edge, on-cluster or in the cloud
- Proactively address errors with real time metrics & alerting
- Easy scalability to meet high throughput demands



## Case Study

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## Case Study

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## StreamSets Transformer Services

**Agile Solutions can provide services to implement ETL pipelines on the StreamSets Transformer for Spark engine. Interfacing with any popular Apache Spark Environment, facilitating Data Scientists and Developers in performing complex data transformations to data streams.**

### Features

- Powerful data transformation capabilities
- Integrations with Data Science Tools
- Visual Development Environment
- Built in collaboration tools
- Runs with any major Spark distribution without redesign
- Monitoring and visibility into each Spark execution

### Benefits

- Interactive development environment to minimise programming requirements and increase efficiency
- Ability to port data pipelines across platforms with no rewrites
- Join, aggregate, cleanse, transform data from a variety of sources
- Built-in integrations allowing for advanced analytics and machine learning
- Natively execute on EMR, HDInsight, and Databricks platforms

## Aiimi Insight Engine Services

**Aiimi Insight Engine makes understanding your data universe simple. It creates a data mesh that discovers and interconnects information across the enterprise, giving you a comprehensive picture. Agile Solutions can help you reach a complete data vision and full control of the quality and business value of your data assets.**

### Features

- Deliver new and different insights from your data and information
- Improve how you manage enterprise data and information
- AI-powered enrichment to realise potentially unknown connections and relationships
- Data privacy and compliance for the interconnected enterprise
- Conquer complex Subject Access Requests with the AI-Powered DSAR Platform
- Flexible legacy system migration, built for the long-term.
- Get more value from your data migration

### Benefits

- Enterprise security and access control
- Lightning-fast cross-silo search
- Build your own experience Apps
- Data & Content interleaved
- Hyperscale capability
- Find and exploit the value in your information assets
- Built-in AI & Data Governance toolkit gives you complete control

## Amazon Web Services (AWS) Services

**Amazon Web Services has been continually expanding its services to support virtually any cloud workload, and we have expanded our capability with it supporting services for our customers ensuring that are making the most of the cloud solution. We use AWS because of its known scalability and natural High-performance while remain secure.**

**With the expanding number regions and availability zones it allows us to ensure that customer can use the AWS in the correct area for their needs especially when looking at speed of application. This all fits into the flexibility, reliability and cost-effective nature that AWS offers.**

### Features

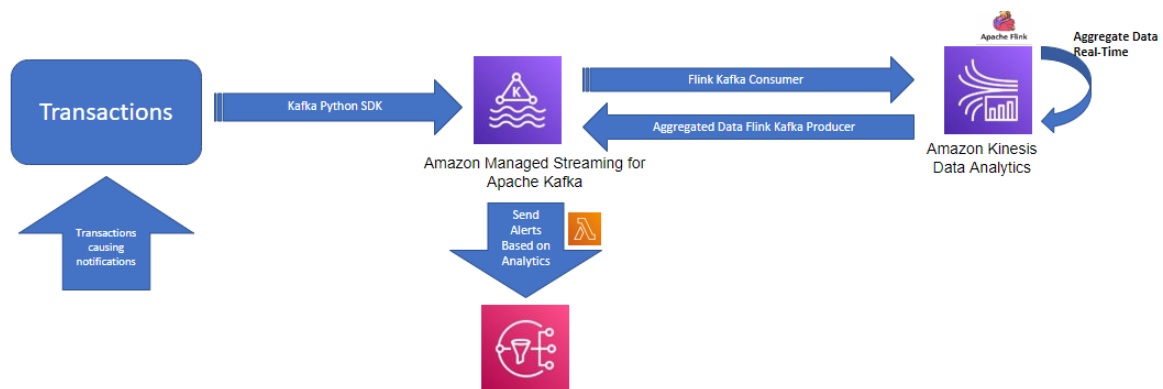
- Amazon Elastic Compute Cloud (EC2) offers granular control.
- AWS storage allows business to increase agility, reduce costs, and accelerate innovation
- AWS offers a wide range of database services both relational and non-relational (NoSQL)
- AWS networking will simplify your network, establish private connectivity and monitor of your network traffic
- Amazon uses predictive analytics combined with descriptive analytics (trends, patterns, exceptions)
- Amazon Augmented AI (Amazon A2I) is an ML service building workflows required for human review
- AWS IoT Core is a platform that enables you to connect devices to AWS Services

### Benefits

- AWS is designed to allow application providers, and vendors to host applications quickly and securely.
- AWS give us the ability to use any platform and language to match customer needs.
- Clients Pay only for the used compute, storage, and resources.
- AWS is a scalable, reliable, and secure global computing infrastructure.
- Auto Scaling, and Elastic Load Balancing helps to scale applications based on demand.

## Case study

The Financial Services Landscape is changing, with a focus on customer engagement, digital propositions, and open banking. In this first scenario we are using streaming technology to enable organisations to manage and harness the vast volumes of data to improve analytics, customer outcomes and security. We are using technology from AWS, StreamSets, Kafka, Microsoft, and more enabling real time push notifications – for fraud detection & other alerts, scoring and insights. Sample architecture of the services we used in this case as shown below:



## Google Cloud Platform (GCP) Services

**Google Cloud Platform (GCP) is a suite of cloud computing services that provides a series of modular cloud services including computing, data storage, data analytics, and machine learning, alongside a set of management tools. It also supports serverless computing through its Cloud Functions and App Engine.**

### Features

- Storage
- Hosting
- Computing
- Networking
- Machine Learning
- Management Services

### Benefits

- Faster time to market
- Scalability and flexibility
- Cost savings
- Better collaboration
- Advanced security
- Data loss prevention

### Case study

Google's expertise in network optimization ensures fast data transfer and low-latency connections, making GCP a preferred choice for latency-sensitive applications.

Only Google Cloud brings together innovations from across Google to help customers digitally transform with AI that's ready for what's next, data insights that speed innovation, infrastructure that's designed to meet industry needs, collaboration tools that help teams do their best work.





## Get in touch:

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