

ENVITIA

Service Definition Document

G-Cloud 15



Envitia is a digital services and software company that solves complex data challenges.



Advisory
& Consulting



Engineering



Software





What We Do



**Architecture &
Data Strategy**



**Data Analytics &
Visualisation**



**Geospatial Data
Management &
Exploitation**



**Secure Software
& AI Engineering**



**Secure Cloud
Operations**



**AI Ready Data
Services**



Cloud Advisory

Envitia's Cloud Advisory and Consulting Service assists buyers with optimising their cloud strategies and implementing business roadmaps through cloud, geospatial and data expertise. It offers flexible support for integrating and exploiting cloud infrastructure and services, ensuring buyers leverage their cloud capabilities effectively.

Features

1. Tailoring strategies to maximise cloud infrastructure efficiency and effectiveness.
2. Guiding the deployment of cloud solutions to achieve strategic goals.
3. Offering specialised knowledge in managing and integrating geospatial information.
4. Providing expert advice on cloud architecture, platforms and services.
5. Facilitating seamless data flow between cloud-based and on-premise systems.
6. Enhancing the use of cloud environments for improved performance.
7. Adaptable consulting to meet specific cloud technology needs and challenges.
8. Guiding the selection and use of cloud services for optimal results.
9. Ensuring systems are designed for reliability, scalability and security.
10. Helping to select the best systems and vendors to meet cloud objectives.

Benefits

1. Reduces deployment times through streamlined cloud strategy and implementation guidance.
2. Enhances operational efficiency with expert geospatial and data integration support.
3. Maximises cloud infrastructure utilisation, improving system performance and scalability.
4. Offers tailored consultancy, adapting to unique business needs and challenges.
5. Facilitates informed decision-making in selecting cloud services and vendors.
6. Improves data security and compliance with robust system design and assurance.
7. Lowers business risk and costs by optimising cloud strategies and resources.
8. Increases agility in business processes with flexible cloud technology support.
9. Boosts innovation by leveraging the latest in cloud and geospatial technologies.
10. Strengthens competitive advantage through efficient and effective cloud service exploitation.



Cloud Advisory

Our Capabilities

Advisory Services

- Advisory & Discovery
- Business Analysis
- Data Analytics & Analysis
- Data & Digital Blueprints
- Digital & Data Strategy
- Digital Transformation

Architecture Services

- Architecture as a Service
- Enterprise & Business
- Cloud Consulting
- Cyber Security
- Data Management
- Data Security
- Enterprise Knowledge Management
- Single Version of the Truth

Enablement Services

- Change Management
- Data Integration
- Data Governance
- Data Modelling
- Enterprise Mapping
- Geospatial
- Testing & Simulation
- Transition Management
- Synthetic Environments

Insight & Business Intelligence Services

- Analytics & Business Intelligence
- AI Readiness
- Data Exploitation
- Data Science & AI
- Data Visualisation
- Geospatial Analysis
- Machine Learning & Predictive Intelligence

Evidence: Digital Transformation Project

A Public Sector client is improving its decision making with Envitia's unified view of data, information flows, and processes. This comprehensive approach empowers the Agency with a single source of truth, improving data exploitation governance to take data-driven environmental action.



Evidence: Architecture as a Service

Envitia works with a Defence client to guide, design and implement their enterprise architecture function. Envitia's expertise is charting the course for digital transformation, to achieve end-to-end operational coherence, ensuring smooth information flow from Command all the way down to deployed units across the globe.





Engineering

Envitia's Engineering Services provide scaled development, crafting resilient data architectures and secure technology infrastructure for efficient cloud and software services. We specialise in cloud software engineering stacks, we ensure reliable access to data, empowering users to make informed decisions and achieve better outcomes through automated and efficient solutions.

Features

1. Tailored, scalable solutions for diverse cloud software needs.
2. Robust data frameworks ensuring uninterrupted data access and integrity.
3. Comprehensive security measures for reliable and safe cloud operations.
4. Customised stacks for optimal software performance and efficiency.
5. Streamlined processes enhancing productivity with minimal manual intervention.
6. Guaranteed data availability for informed decision-making and analysis.
7. Expertly crafted systems with reliability and performance assurance.
8. Guidance in selecting the best technology partners and solutions.
9. Innovative cloud architecture solutions tailored to business needs.
10. Efficient deployment of software products and services on cloud platforms.

Benefits

1. Reduces deployment times for faster market entry and agile responses.
2. Enhances data reliability, ensuring uninterrupted access for critical decision-making.
3. Minimises security risks, safeguarding data and infrastructure against threats.
4. Increases operational efficiency through tailored cloud software engineering solutions.
5. Informs decisions with reliable, real-time data accessibility.
6. Streamlines workflows with automated processes, reducing manual tasks and errors.
7. Boosts system resilience, minimizing downtime and maintaining business continuity.
8. Lowers business risk and costs through strategic system and vendor selection.
9. Customises cloud architecture, aligning with specific business goals and needs.
10. Improves service delivery quality, enhancing user satisfaction and outcomes.



Engineering

Our Capabilities

Cloud Services

- Cloud Architecture
- Cloud Engineering
- Cloud Hosting
- Cloud FinOps
- Cloud Migration
- Cloud Transition
- Cloud Hybrid
- Solution Architecture

Data Services

- Data Acquisition and Ingestion
- Data Discovery
- Data Engineering
- Metadata Management
- Data Integration
- Data Platforms
- Data Quality

Delivery Services

- Agile Delivery
- Agile Digital Services
- Automation & Optimisation
- DevOps & DevSecOps
- Experimentation & Research
- P3MO
- System Integration
- UCD & UXD

Infrastructure Services

- Data Governance & Metadata Management
- Infrastructure Design & Management
- Network Optimisation
- Obsolescence Management

Evidence: Asset Management

Envitia has in-depth asset management experience, ranging from improving data quality, data migration to the end-to-end physical asset lifecycle. We leverage our geospatial, data and digital experience to bring you solutions enabling you to gain control of your enterprise assets.



Evidence: Digital Twins & Threads

Leveraging our geospatial and operational expertise, Envitia builds powerful Digital Twins and Threads. These multi-layered models unlock unique intelligence and insight on capabilities and assets, empowering customers to deploy resources where they are most urgently needed.





Cloud Software Support

Envitia's Software Support service offers comprehensive advisory and design. With expertise in both front-end and back-end services, we can tailor our support to your needs, enhancing your software engineering capabilities, operational performance, mitigate risk and enhance your in-house skills.

Features

1. Comprehensive advisory services for optimal software development strategy and execution.
2. Tailored design solutions across a multitude of development languages and frameworks.
3. Full-stack development services for both front-end and back-end applications.
4. Enhanced software engineering capabilities through best practice application and expertise.
5. Operational performance improvement with custom software solutions and optimisations.
6. Risk mitigation through thorough assessment of cloud-based software against standards.
7. In-house skills enhancement with direct support from specialist software engineers.
8. Independent software assessment to ensure alignment with defined standards and architecture.
9. Technical assistance for both immediate and long-term software engineering challenges.
10. Flexible support for either integrated front and back-end services or separate needs.

Benefits

1. Reduces deployment times through streamlined development and implementation processes.
2. Enhances operational efficiency with custom, full-stack software solutions.
3. Improves software reliability and performance with expert engineering practices.
4. Minimises business risk with comprehensive cloud software assessments and mitigation strategies.
5. Cuts development and maintenance costs by applying efficient, scalable solutions.
6. Boosts team capabilities and knowledge with direct expert assistance and training.
7. Increases software compliance and security through rigorous standards and architecture alignment.
8. Enhances customer satisfaction with high-quality, user-centric software applications.
9. Accelerates innovation by leveraging cutting-edge technologies and methodologies.
10. Strengthens team collaboration and project management with expert advisory support.



Cloud Software Support

Our Capabilities

Data Platform Services

- Application Assurance
- Customer Software Development
- Data Catalog
- Digital Twin
- Data Innovation
- Testing & Assurance
- Mobile App Development

Geospatial and Mapping Services

- Geospatial Data Modelling
- Geospatial Applied Research
- Geospatial SDK
- Geospatial Services
- Geospatial Solutions
- GIS Solutions
- Mapping Solutions
- Spatial Data Infrastructure

Data Product Services

- Application Development
- Data Products & Associated Services
- Software Development
- Data as a Service

Lifecycle and Service Management

- Application Support
- Data Platform Support & Run Services
- Product Lifecycle Management
- Service Management
- Through Life Support
- Asset Management

Evidence: Data Dissemination Portal

Envitia worked with a UK Government department on the design, development and deployment of a data dissemination platform aimed at reducing the complexity of transforming and exploit multiple data formats / standards for operational intelligence. Envitia's solution, now at FOC, allowed users to rapidly discover feature data. This system is compliant with Gov accessibility requirements and is accredited to SECRET.



Evidence: Data Catalog Discovery and Development

Working with a UK Defence client, Envitia conducted a Discovery Phase to understand cataloguing needs for a wide range of users and use cases. Taking a technology agnostic perspective, delivery was business outcome led, allowing Envitia to implement and deploy a Catalog solution that delivered on the business outcomes of the user.





Approach





Knowledge Transfer

At the heart of all Envitia solutions is an understanding of customer's needs and delivering against their business outcomes. Part of that understanding, is the knowledge that customers derive best value from our solutions as a result of training and support at all levels and within all stages in the process.

We provide ongoing knowledge transfer as standard practice throughout all customer project lifecycles covering technical implementation, as well as how business users maximise value from our solutions and become self-sufficient.

We offer training packages for all our data management and visualisation products and all solutions developed for customers. We also have expertise to deliver data analytics training courses, e.g. PowerBI and Tableau to both business and technical users.

Service Quality

Envitia has extensive experience delivering, developing and managing application services with the following accreditations:

- Cyber Essentials
- Cyber Essentials plus
- ISO 27001
- ISO9001:2008 compliant in accordance with TickIT Plus



Onboarding and Offboarding

Onboarding

Email a summary of your requirements to sales@envitia.com with a summary of your requirements. These should include:

- Organisation
- Contact Details
- Overview of Requirement
- Specific Requirements (security, assurance)

Transition Management

Using an Agile methodology, underpinned by ITIL principles we will onboard and deliver projects in alignment with ISO9001.

We will tailor this approach to meet the needs of each individual client, assurance and governance requirements.

Offboarding

Envitia will assist with all service and capability migration.

Specific migration activity may be chargeable at Envitia's Standard Rates.

Specifics on the termination of contracts can be seen within our Terms and Conditions.

Terms & Conditions

Envitia's Professional Services Agreement Terms and Conditions are applicable to this service. Please refer to the additional T&Cs document.



Social Value

Fighting Climate Change

Envitia supports the effective stewardship of the environment through sustainable solutions, aligning with UK Public Sector targets and UN Sustainable Development Goals. Envitia will ensure projects attribute to the positive change needed to fight climate change through considered travel, parallel tasking to add efficiency and co-created solutions that ensure longevity of effectiveness.

Tackling Economic Inequality

Envitia will work with our clients to support access to jobs through agile upskilling, fair and equal access to resources and locational flexibility. Envitia will use this insight to ensure projects have a sustainable impact.

Equal Opportunities

Envitia is committed to creating working conditions that promote an inclusive working environment and promote retention and progression through pro-active methods of safeguarding and continuous evaluation of performance and standards.

Wellbeing

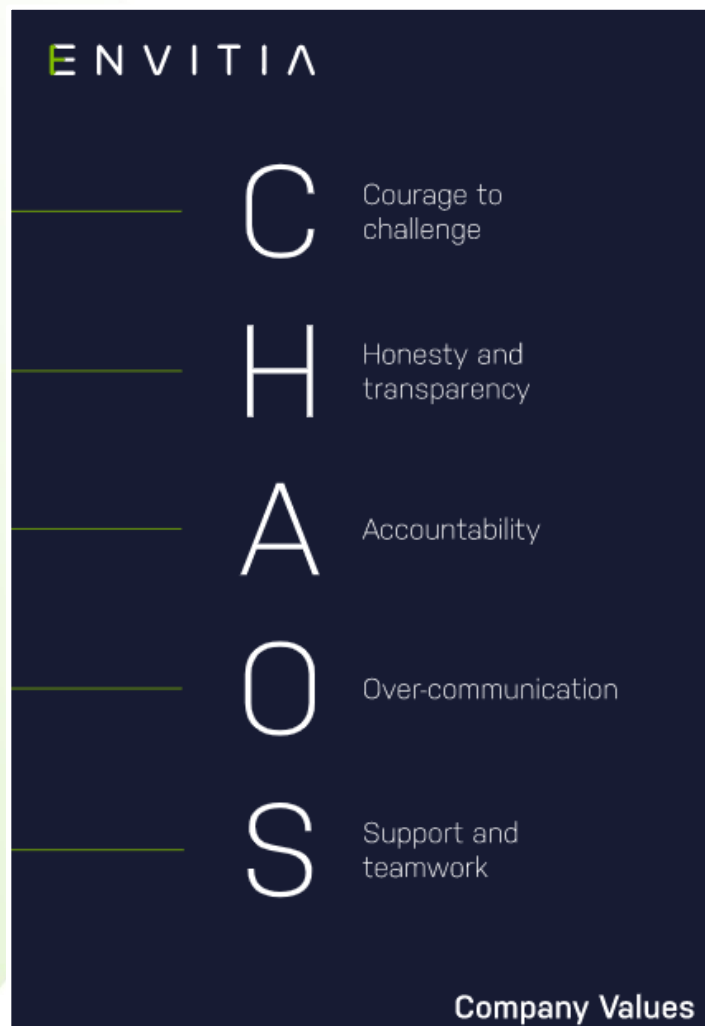
Envitia incorporates support for the wellbeing of its clients and workforce in all projects, showcasing a model that combines physical, mental and emotional health initiatives. Envitia are committed to the provision of essential resources and support for mental health, fostering an environment where open discussions about wellbeing are encouraged.

COVID-19 Recovery

Envitia is committed to leveraging technology and innovation to mitigate the impact of COVID-19, prioritising health, both physical and mental, and ensuring organisational continuity. We will empower individuals and businesses to overcome pandemic-induced challenges through virtual working and cloud solutions.



Our Core Values



These values articulate the essence of what drives our business, why we exist and not just what we do on a day-to-day basis, but, most importantly, how we do it.

They dictate the behaviours that we expect everyone in our company to demonstrate. Whether doing day to day tasks, dealing with internal colleagues or external clients or suppliers, our values provide the bedrock of how we do business.

Supporting you on every step of your digital and data transformation journey.