1 Executive Summary

Diegesis provides cloud support services to help public sector organisations implement, integrate and operate Geographic Information System (GIS) capabilities within their cloud environments. The service focuses on supporting the use of geospatial technologies rather than supplying off-the-shelf software, ensuring compliance with G-Cloud Lot 3 (Cloud Support) requirements.
Diegesis supports organisations that need to integrate GIS functionality into existing cloud-hosted applications, enhance or extend current geospatial solutions, or analyse and visualise spatial data to support operational decision-making. The service is delivered using industry-leading geospatial technologies, including Hexagon GIS software (Luciad RIA) and open-source tools such as QGIS, Python and R.
The service is suitable for organisations requiring expert support to design, configure, customise and maintain GIS capabilities in the cloud, ensuring solutions are secure, scalable, interoperable and aligned with existing enterprise systems.

2 What We Provide

Diegesis provides specialist cloud support services for GIS, including:

- Support for the design, configuration and operation of cloud-based GIS solutions
- Integration of GIS capabilities into existing cloud-hosted applications and services
- Support for 2D and 3D geospatial data visualisation using web-based technologies
- Configuration and use of APIs for accessing and exchanging geospatial data
- Support for data ingestion, storage and management of geospatial datasets
- Handling of multiple Coordinate Reference Systems (CRS) to ensure data compatibility
- Configuration of interactive maps, layers and filters to meet operational requirements
- Support for geospatial analysis, including distance and area measurement
- Use of open-source and commercial GIS technologies to reduce cost and increase flexibility
- Documentation, knowledge transfer and user support to enable customer self-sufficiency
- Ongoing technical support and enhancement of GIS capabilities as requirements evolve
- Diegesis works within the customer’s existing cloud and enterprise environment, providing targeted support, enhancements and integrations rather than replacing existing systems. Additional support activities, including custom integrations and feature enhancements, can be provided where required.

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