



# **G-CLOUD SERVICE DESCRIPTION**



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## Volt4 Core (Lot 2a)

### 1.1 Description

Volt4 is a decentralized infrastructure management platform enabling secure peer-to-peer orchestration of services, data, and analytics. Host-agnostic and scalable, it supports deployment across cloud and edge environments. Volt4 ensures data sovereignty via end-to-end encryption and fine-grained access control, removing reliance on intermediate servers

### Features

- **Decentralized Architecture:** True peer-to-peer design eliminates intermediate servers and single points of failure.
- **Host Agnostic Deployment:** Runs seamlessly on Windows, MacOS, Linux, Raspberry Pi, public cloud (AWS), or private cloud,.
- **Granular Security:** Fine-grained policy controls determine exactly who can access specific services and data.
- **Developer Friendly:** Includes client libraries for Javascript (Web/NodeJS), Python, and C++.
- **Unlimited Scalability:** Supports unlimited users, data streams, and analytics components within provisioned infrastructure limits.

### Benefits

- **Data Sovereignty:** Grants clients complete control and custody over their resources, data, and service access.
- **Enhanced Security:** Data is encrypted at rest and in transit with true end-to-end encryption.
- **Operational Flexibility:** Deploy workloads anywhere—from hyperscale clouds to edge devices—without proprietary lock-in,.
- **Cost Predictability:** Fixed monthly instance pricing covers unlimited users and streams, simplifying financial forecasting.
- **Reduced Latency:** Peer-to-peer connections and edge capabilities reduce network hops for faster performance.

## 2. More Information

Up to date product information is always available on the nquiringminds public website: [www.nquiringminds.com](http://www.nquiringminds.com)