



G-CLOUD SERVICE DESCRIPTION



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Volt4 Data Manager (Lot 2b)

Service Description

Service Description Volt4 Data Manager leverages Volt4 infrastructure, using CRDTs and Synapse capabilities with an Event Store projection model to deliver universal database management. Supporting Relational, Graph, and Document systems, it ensures secure data lakes, dynamic integration, and real-time replication, enabling robust administration and information lifecycle management across decentralized edge and cloud environments,

Features

- **Universal Ingestion:** Imports IoT, open, and private data sets seamlessly,.
- **Decentralised Synchronisation:** Real-time peer-to-peer data syncing without central servers,.
- **Granular Access Control:** Fine-grained policies control access to records and streams,.
- **Scalable Architecture:** Operates on billions of documents per hour,.
- **Flexible Integration:** Open APIs for seamless legacy and third-party integration,.

Benefits

- **Data Sovereignty:** Retain complete custody and control over data assets.
- **Maximised Value:** Extract value from existing data and legacy systems,.
- **Operational Efficiency:** Automated workflows and insights reduce administration costs,.
- **Enhanced Security:** Zero-trust architecture reduces risk of data leakage,.
- **Real-Time Agility:** Generate immediate insights from live data streams,.

2. More Information

Up to date product information is always available on the nquiringminds public website: www.nquiringminds.com