



BEDROCK REAL-TIME CONNECTOR

New Company Services Ltd

G Cloud 15
Jan 2026

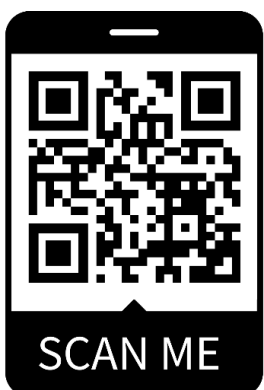


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1 Service Description

Bedrock Real-Time Connector links systems together in real-time it provides secure, low-latency ingestion of live clinical and operational data from EPR and source systems into cloud analytics platforms. It enables real-time data streaming, validation and delivery using NHS-approved standards including HL7, FHIR, APIs and Oracle GoldenGate.

2 Service features

- Real-time ingestion from EPR systems using HL7, FHIR and APIs
- Oracle GoldenGate-based change data capture for sub-minute latency
- Secure streaming into cloud data platforms and analytics services
- Configurable validation and transformation during data ingestion
- Guaranteed delivery with retry, buffering and fault tolerance
- Encrypted data transfer meeting NHS security requirements
- Monitoring of ingestion health, throughput and latency
- Scalable architecture supporting high-volume clinical data flows
- Supports hybrid cloud, on-premise and NHS environments
- API-based delivery to downstream data warehouses and platforms

3 Service benefits

- Enables near real-time access to operational and clinical data
- Reduces delays caused by batch-based data integrations
- Improves reliability of downstream analytics and reporting
- Minimises manual intervention in data ingestion processes
- Supports time-critical clinical and operational decision-making
- Improves data freshness for dashboards and statutory reporting
- Reduces integration complexity across multiple source systems
- Enhances resilience through monitored, fault-tolerant pipelines
- Accelerates analytics platform adoption and modernisation
- Scales with increasing data volumes without redesign



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