



Craxel — Service Definition Document

Craxel UK Ltd

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Price Validity

All pricing contained herein is correct as at January 2026 and is provided for information purposes only. Prices are subject to change and shall not be legally binding unless and until expressly agreed by the parties in a formal written commercial contract.

Delivering Real-Time, Contextualized Information to AI

Craxel consolidates fragmented organizational data into a unified, AI-ready knowledge asset. With unprecedented speed and efficiency at scale, Black Forest™ uniquely delivers the real-time contextualized information required for decision making — by humans or machines.

Black Forest™ — High-Performance Knowledge Infrastructure

Black Forest™ is Craxel's high-performance knowledge infrastructure, purpose-built to organize, ingest, index, and query extremely large datasets at mission speed. It enables advanced analytics and AI-powered decision making without requiring organizations to surrender control of their data.

Black Forest provides the backbone for a distributed knowledge infrastructure where information remains sovereign and owner-controlled, yet becomes searchable, analysable, and actionable across environments.

Mission Performance at Scale

Black Forest is built for:

- Real-time ingestion and indexing
- Automated data contextualisation at scale
- Fast discovery and correlation across distributed data and sources
- Analytics over billions of records in seconds

Black Forest supports:

- Graph database workloads and knowledge graph construction
- Realtime ingestion, historical analytics, and complex querying of information
- Bring-your-own RDF ontology
- SPARQL query support
- SQL and REST interfaces for structured and legacy workloads

As a result, entity resolution, relationship analytics, and link discovery become native capabilities across distributed environments. This enables context aware AI.

Integration Practicality & Deployment Flexibility

Black Forest is deployed onto customer-controlled infrastructure, ensuring Craxel never takes custody of customer data. It supports:

- Customer cloud deployments
- On-premises deployments
- Edge deployments

Security: Zero Trust with Cryptographic Enforcement

Black Forest is designed around a zero-trust architecture, with security integrated into query, discovery, and retrieval.

Key security features including:

- Actions performed on behalf of end-users with digitally signed identities
- No built-in accounts (no default/admin/shared accounts)
- Record-level access enforcement using security labels and identity attributes
- Security evaluation separated from query clauses to reduce bypass attempts
- High-performance searchable encryption, ensuring decrypted record access only occurs with appropriate authority

What Makes Black Forest Different:

- Purpose-built for AI-powered decision making
- Real time ingestion, indexing, and contextualization
- Online transactional and analytical processing in the same knowledge graph
- High-performance vector + graph fusion
- You stay in control of your data—Craxel never takes custody



CRAXEL

Better Decisions, Faster, At Any Scale