

Service Definition

ABOUT INTERNEURON

Unlike other industries, health+care organisations have been late to leverage the benefits of open-source software. Interneuron has been set up to address this problem with our Open Modular Care Record. Our modular approach is both flexible and extensible, supporting direct patient care in inpatient, outpatient, and virtual care settings.

Interneuron provides professionally managed open-source software as a service and our open approach allows our customers to keep their options open.

INTERNEURON CLINICAL ORCHESTRATION ENGINE

Interneuron Clinical Orchestration Engine - a secure SaaS platform for AI orchestration and intelligent automation in healthcare. It deploys, manages and governs AI agents, large language models and medical imaging solutions across clinical workflows. Provides centralised control, regulatory compliance, and seamless integration of diagnostic tools and clinical decision support systems.

Service features

- Orchestrates AI agents for autonomous clinical workflow execution
- Human-in-the-loop validation for safety-critical clinical decisions
- Explainable AI ensuring transparent, auditable clinical decision-making
- Federated Learning protects sensitive patient data during training
- Digital Twins enable clinical operational simulation and planning
- Native medical imaging and DICOM standard integration
- Zero Trust security architecture for maximum patient data protection
- Real-time drift detection for deployed clinical AI agents

Service benefits

- Enhances clinical confidence with explainable transparent model outputs
- Ensures data sovereignty and compliance with healthcare security standards
- Reduces administrative burden through intelligent automation of tasks

- Prevents vendor lock-in with open, interoperable platform architecture
- Safely integrates medical imaging AI into existing clinical workflows
- Identifies optimal AI investments using real-world performance data
- Accelerates clinical transformation through scalable autonomous AI capabilities
- Integrated cost monitoring controls and optimises infrastructure spending
- Ensures alignment with healthcare AI ethics and regulatory standards

PRICING

Please refer to our Pricing Document and Rate Card for further details.

CONTACT DETAILS

For more information about the contents of this document, please contact the **Interneuron Bids Team** on bids@interneuron.com.