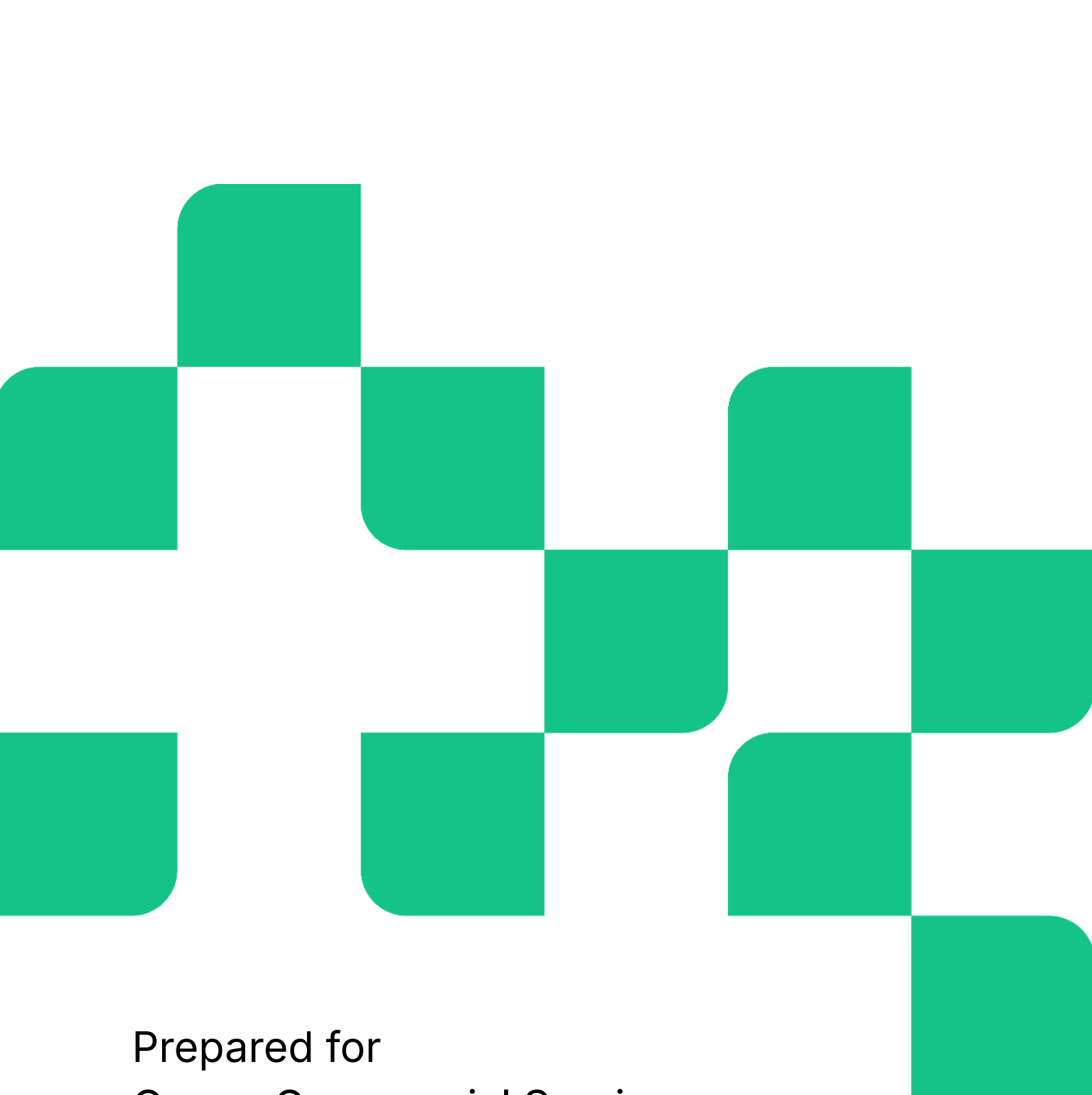




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Newton's Tree

Service Description

Document Details

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Overview

Newton's Tree provides a platform which acts as a marketplace for hospital customers, to procure third party AI solutions. Newton's Tree also provides related hardware and services to support the provision of its marketplace.

The Problem

AI deployment in healthcare is currently:

- **Unscalable:** Custom integration and governance for each app means long time-to-value and high costs
- **Opaque:** Lack of monitoring tools to track performance, safety, or equity after go-live
- **Non-interoperable:** Tools often lack full interoperability support or require manual workarounds
- **Risky:** Governance is often ad-hoc, with little pre-deployment testing or performance accountability

The result? High costs, low ROI, lost learning.

Our Solution

Newton's Tree delivers an enterprise AI platform to help health systems select, test, deploy and monitor AI applications. By reducing barriers to adoption and making AI more accessible, we help hospitals harness the full potential of AI to improve patient care and operational efficiency.

How we Work

We believe AI adoption should be outcome driven, governance first, technically interoperable, and system-aligned. We also believe in investing in long-term relationships with health systems to maximise their AI success, providing our expertise and support wherever it can help.

Our engagement model:

- **Discovery:** Identify business and clinical priorities
- **Governance Setup:** Define and document clinical workflows, governance policies, KPIs
- **Deployment Planning:** Select initial applications, provide procurement support
- **Integration:** Deploy apps via Newton's Tree platform
- **Live Monitoring:** Launch dashboards, collect real-world data
- **Iterate & Scale:** Learn from use, adapt, and scale to new use cases

We work across IT, digital, clinical safety, and vendor teams - and have worked with global health systems, AI startups, regulators, and international partners.

Select AI

Use our vendor-neutral marketplace and procurement framework to simplify purchasing and contract management.

1. **App Discovery** – we painstakingly catalogue the public and private data regarding each AI app for healthcare to allow easier discovery.
2. **Managed procurement** – Instead of running out-of-date and ineffective Request for Proposal (RFP) - style procurement processes, we enable a flexible managed procurement service that de-risks the buying process and saves time.
3. **Vendor management** – our overarching commercial framework allows you to easily contract with vendors for pilots or commercial deployments and makes it pain-free to decommission applications.

Test AI

Test multiple AI apps in parallel to see how well they perform on your own data, in your systems.

To support performance testing of AI products, we provide:

1. **AI Review™** - Ask clinicians to test and play with products prior to live deployment to review and provide feedback in a safe sandboxed environment.
2. **Automated testing** – Using access to retrospective datasets and standard-of-care as a reference, product testing can be almost fully automated.

3. **Head-to-head comparison** – No need to commit to premature selection - we enable the head-to-head comparisons of multiple AI vendors as part of the procurement process.

Deploy AI

We host and integrate AI apps directly into clinical workflows, using open standards and interfaces such as DICOM, HL7v2, FHIR.

To embed AI within your clinical workflow, we provide:

1. **Hosting** – AI applications are brought to your data and stay within your network, hosted on premise, cloud, or hybrid.
2. **Integration** – our open-core integration engine allows bidirectional communication with live clinical information systems and AI applications using standardised protocols such as HL7v2, FHIR, DICOM.
3. **Orchestration** – our workflow engine allows for the configuration of event-driven workflows that allow the orchestration of complex pipelines in real-time to ensure AI is available at the point of care.

Monitor AI

We enable continuous monitoring of AI apps to support ongoing clinical safety and performance management.

We don't set and forget AI applications. We enable continuous monitoring of AI apps to support ongoing clinical safety and performance via our monitoring service.

1. **FAMOS, our continuous monitoring system** – enables hospital systems and AI vendors to observe in near real-time how their product is performing.
 - We monitor 3 critical areas most informative of potential clinical risk:
 - Input data quality
 - AI application behaviour
 - Clinician behaviour
2. **Validated across multiple NHS sites** – It is listed on the UK Government's list of approved AI assurance techniques.
3. **Vendor-neutral** – independent from AI developers, our monitoring capability provides robust assurance and avoids vendor lock-in.

Professional Services

We provide end-to-end support services designed to help healthcare organisations successfully accelerate AI adoption while maintaining the highest standards of clinical safety and governance.

- Clinical risk management training in AI
- AI strategy and roadmap design
- Service redesign and transformation
- Support for NHS governance and policy alignment

Pricing

As an enterprise platform, Newton's Tree pricing is tailored to the unique footprint and scope of each healthcare provider. We work with each provider to gain full understanding of the implementation scale and deployment type to provide an accurate quote that can leverage economies of scale for larger rollouts (i.e., across networks, such as Integrated Care Systems, regional, or national commissioning).

For further details regarding our indicative pricing model, please refer to our pricing document.

Contact

If you would like any further information or have any questions, please do not hesitate to get in contact with us.

General Enquiries

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