

Digital Health Integration and Interoperability

Service Overview

NHS organisations are increasingly reliant on how systems interface and operate together to deliver effective and safe patient care. Ideal Health supports organisations with integration and interoperability innovation supporting open standards and providing services covering both human and technical aspects of delivering integrated care.

Service Features and Benefits

Service Features

- Interoperability, Integration and technical architecture assessments, mapping and design
- Developing and delivering interfaces using all major Trust Integration Engines (TIEs), including HIE, Healthshare Connect, Rhapsody, Mirth, DBmotion, Ensemble, Cloverleaf
- EPR cutover interface and interoperability readiness assessment and plan, including internal and external systems
- Shared Care Record data provision and data consumption services, including data mapping, interface development and project management
- NHS Interoperability Toolkit (ITK)
- Integration requirements identified, designed, built, tested and implemented
- Integration and interfacing new and existing software, data, and applications
- Integration engine and platform replacement and upgrades
- Expertise in HL7, FHIR, DICOM, XML, XDS, XDSi, IHE and Open standards
- Interoperability Strategy and planning development
- Inter- and Intra-operability between and inside health and care organisations, including acute hospitals, mental health and community, primary care, social care
- Developing cohesive clinical service delivery across ICSs and STPs

Service Benefits

- Extensive experience in health applications, supporting data models and integration
- Improved efficiency, integration and data handling across services
- Improved quality for information and data exchange with partner organisations
- Meeting NHS Interoperability framework standards and guidelines
- Enhanced interoperability and data sharing solutions with partner organisations

- Clear and concise interface mapping and documentation
- Knowledge of all leading Integration technologies
- Processes aligned to ISO27001 and ISO9001 standards

Client-Side Responsibilities

- Access to the client-side stakeholders required for delivery of this service.
- Access to equipment, domains and files required for delivery of this service.