

G-Cloud: Software as a Service

Service Definition

Bespoke software development of Patient Screening and Management Systems



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Service Definition

1. Overview

STCS provides cloud-based software development services to design, build, enhance, and modernise Patient Screening and Patient Management Systems. Our flexible, scalable approach enables continuous improvement and long-term value, from discovery and delivery through to enhancement and migration.

We specialise in delivering secure, user-centred digital solutions for Government departments, NHS, education providers, and commercial organisations, in line with GDS standards and recognised best practice.

2. About Us

STCS has over 35 years' experience in software development, including more than 30 years delivering digital services for the public, education and health sectors. We work across modern and legacy systems using a wide range of technologies and delivery methodologies.

Our multidisciplinary teams provide expertise in business analysis, UX design, solution architecture, software engineering and testing. We have extensive experience delivering high-volume, business-critical transactional systems.

3. Service Description

3.1 Discovery and Scoping

We work with stakeholders to understand business objectives, user needs, technical constraints, and delivery priorities. Discovery may include reviews of existing systems, architecture, data, integrations, and non-functional requirements.

The outcome is a clearly defined scope, delivery approach, governance model, and pricing proposal. Where appropriate, discovery or familiarisation activities may be offered at a fixed price.

3.2 Development and Enhancement

STCS delivers new systems / functionality, system enhancements, and modernisation using Agile delivery methods. Services include:

- Business analysis and service design
- UX and technical design
- Full-stack development
- System enhancement and transformation
- Cloud migration and modernisation

Delivery is iterative, enabling early feedback and validation. Stakeholders are encouraged to participate as Product Owners, reviewers, or testers.

3.3 Testing and Quality Assurance

Testing is integrated throughout delivery and may include unit, system, integration, UAT, cross-browser and mobile testing. Full impact analysis is provided for all changes.

3.4 Review and Continuous Improvement

Regular reviews provide visibility of progress, quality, and outcomes, and identify opportunities for optimisation or further enhancement.

3.5 Technologies Supported

STCS develops cloud-based systems using:

- **Languages & Frameworks:** C#, ASP.NET Core/MVC, Java, PHP, NodeJS
- **Frontend:** AngularJS, ReactJS, JQuery
- **Databases:** Oracle, SQL Server, MySQL, MariaDB
- **Cloud Platforms:** Azure, AWS, Cloudflare
- **Security:** Microsoft 365 / Active Directory integration, bespoke authentication

3.6 Information Assurance

STCS designs and delivers secure applications with a strong focus on data protection, integrity, and governance. Our experience with Government and NHS organisations ensures alignment with public-sector information assurance standards.

3.7 On-boarding and Knowledge Transfer

We follow a structured on-boarding process and can create or enhance documentation to support knowledge transfer. At contract end, we support handover to in-house teams or third-party suppliers if required.

3.8 Pricing

Pricing is provided separately for discovery/familiarisation and development services. Delivery can be provided on a time-based or phased basis, depending on scope and criticality. All pricing is aligned to the STCS SFIA Rate Card.

3.9 Service Management

Each engagement is managed by an STCS Delivery Manager responsible for governance, resourcing, risk management, reporting, and stakeholder communication.

3.10 Added Value

STCS offers free initial discussions to help clients assess feasibility, scope, and delivery options before committing to development activity.