



Trauma App

Pilot Study

Hospital X



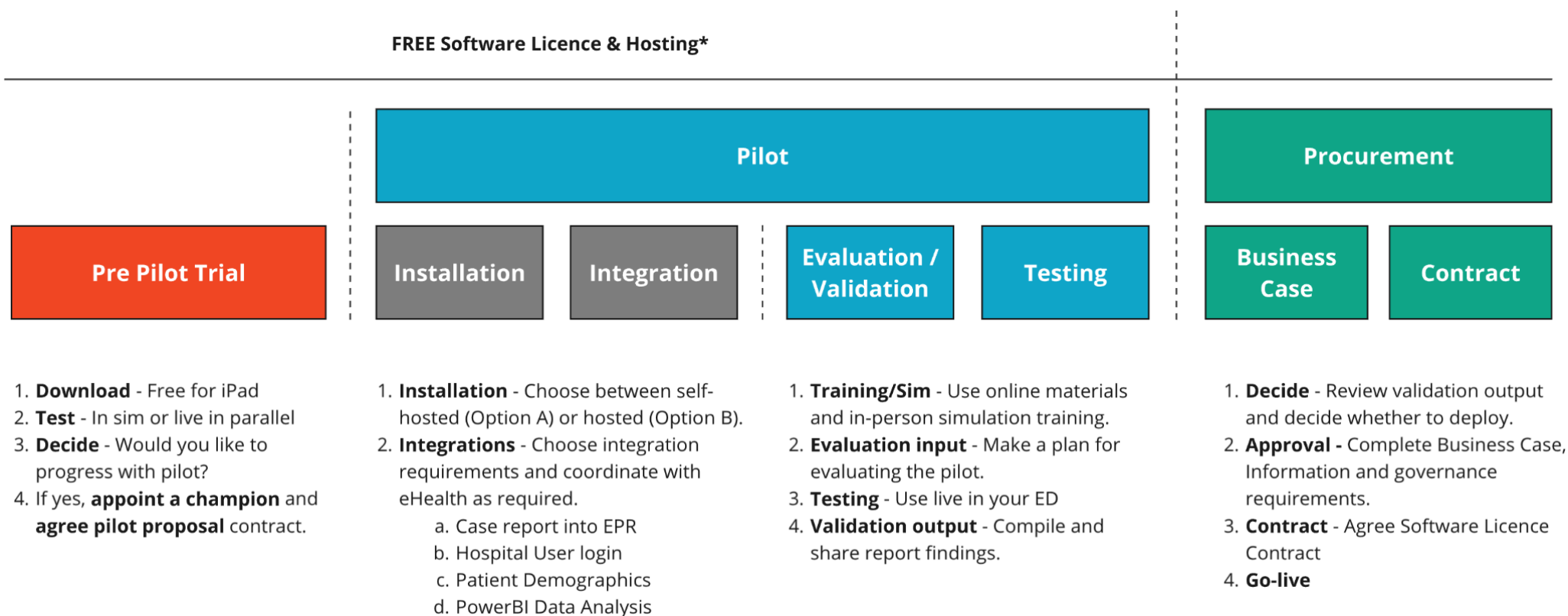
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1. Summary

The offering is for **Hospital X** ("Hospital"), to gain access to a free* trial for the Major Trauma Team to run a local pilot of the Trauma App software ("App") in the Emergency Department ("ED").

This will be a pilot study ("pilot"), in partnership with Daysix Medical Ltd ("Daysix"), which enables a period of use of the App for 6 months, experiencing all the main features of the software in a live environment. This pilot will give an opportunity for key stakeholders at the Hospital to understand the benefits of the App and support a decision to deploy the solution post-pilot with the evaluation evidence gathered during the pilot.



*Subject to contract, specifically as it relates to Integration and Installation preferences (for reference, see section 3.8)

2. Pre-Pilot Trial

2.1 Download

The App is available to download for free from the Apple Store for iPad only. It's recommended that the iPad model is '8th generation' or higher.

Almost all documentation functionality of the App is available, with only a few features restricted, such as authentication services (users and team), simultaneous multi-device input, dashboard administration, demographics service (patient lookup) and EPR integration.

2.2 Trial

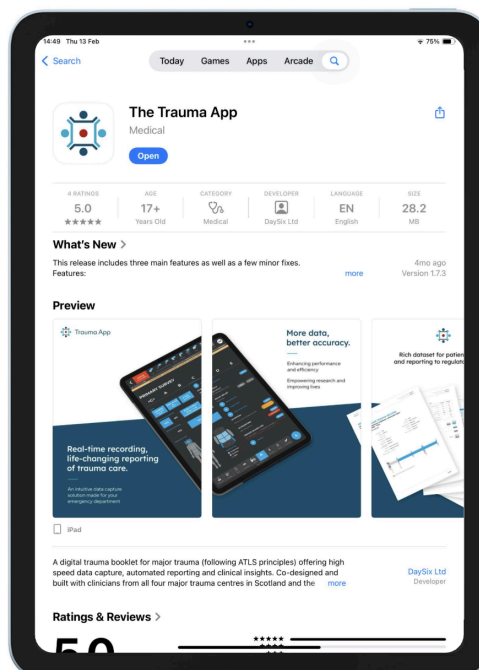
The App can be used stand-alone on an individual iPad in simulation and training environments. The data will be stored locally on the iPad with only printing functionality available for example report review.

If the App is trialled in a live ED setting pre-pilot, it must be in parallel with existing scribe practice still operational and omitting documenting any Personally Identifiable Information in the App, in full adherence with the Hospital's Information Governance regulations and procedures.

Full simulation demonstrations and training resources for every aspect of the App can be found on the website thetraumaapp.com/training.

2.3 Decide and appoint champion

If testing has proven a desire to pursue a full integrated pilot, then it is strongly recommended that a member of the Hospital's Major Trauma Team is appointed as a 'Trauma App Champion' to lead and own the pilot to ensure full engagement and sufficient testing of the App.



3. Pilot

3.1 Product and System

Please refer to the Product & System Description Document for full detailed information of the product and system. A copy is located on the Resources page of the website - thetraumaapp.com/resources/.

Please also refer to the website - thetraumaapp.com - for discovering and understanding the features and benefits of the app. Here there are also filmed simulation demonstrations of the App in operation, along with testimonials and resources for considering app usage.

3.2 Pilot Term

The pilot period is for 6 months and involves the following stages:

- Installation
- Integration
- Testing
- Evaluation

3.3 Installation and Support

3.3.1 Software and Data Hosting

There are two options for installation of the App as it relates to the Hospital's hosting preferences and regulatory allowances. In both cases, from a Data governance perspective, Daysix remains the Data Processor whilst the Hospital is the Data Controller.

Option A: The Hospital self-hosts the Software Services and Data within its own server environment as installed by Daysix.

NOTE: For the purposes of the pilot, this is with Microsoft Azure server environments only and would involve extra charges for Daysix to set up, as well as increased fees for server instances and PowerBI hosting in the Hospital's server environment.

Option B (Preferred): Daysix hosts the Software Services and Data for the duration of the pilot study.

NOTE: This a quicker and simpler approach in relation to reduced need for eHealth engagement. There are also no additional fees applied for this option.

More details of the system architecture and data flow for both options can be found in the Product and Description Document (ref. 3.1)

3.3.2 Governance Documentation

The Hospital's governance team have access to resources via the website - thetraumaapp.com/resources - as provided by Daysix for support with completion of any regulatory governance required for pilot approval (e.g. DPIA and SSP templates).

3.3.3 Support

Alongside the website resources, the Hospital will have access to email support from Daysix, 9am-5pm Monday to Thursday, and online meetings as agreed with Daysix.

NOTE. Any onsite in-person training/support will be charged as per Daysix's standard pricing located on the website - thetraumaapp.com/resources/.

3.4 Integration

3.4.1 Basic Integration - PDF Report Document

For both Option A and B Installation, Integration type 4.1c (EPR Basic - PDF Document push) as outlined in the Product and System Description document (ref. 3.1) will be offered free of charge, if required.

3.4.2 Power BI Analytics

If installation Option A is chosen, the Hospital's eHealth team will be required to set up a PowerBI instance for Daysix to make the connection to show data for analysis and evaluation.

NOTE: Depending on the Hospital's existing PowerBI environment, this might come at an extra cost..

If installation Option B is chosen, the Hospital's team will have access to a PowerBI dashboard as provided by Daysix within the hosted server environment for analysis and review of data captured.

3.4.3 Other Integration options

All other Integration types outlined in the Product and System Description Document (4.1a, 4.1b and 4.1d) are available upon request for the pilot at the discretion of Daysix and may include extra charges.

NOTE: Time-frame for integration work must also be considered in order to fit within the 6 month free pilot period.

3.5 Simulation and Live Testing

Following completion of the Installation and Integration phases, it is recommended tests of documenting with the App are carried out in a simulation environment before moving into a live environment.

Each App user (sometimes referred to as "Scribes") is suggested to document at least three full simulated trauma cases with the App, and shadow-document three live cases before solo documenting in a live environment.

NOTE: Solo documenting in a live environment will have to include documenting Personally Identifiable Data (PID) and therefore handled under the agreements outlined in the SSP and DPIA agreements in place prior to the pilot testing taking place.

It's strongly suggested that Hospitals whose centres have a trauma case volume of >500 a year, document ≥ 75 cases within the pilot, whereas centres with lower cases document ≥ 40 cases in order to sufficiently test the application's benefit during the pilot.

3.6 Evaluation and Validation

The Trauma App, as a Digital Health Technology (DHT) in the UK is classified as Tier A and Tier C within the NICE evidence standards framework (ESF).

It is recommended the Hospital use the ESF as a guide to evaluate and validate the App for ongoing use, which may already be a requirement of piloting the App within the NHS in the UK.

Evaluation will be part of the Hospital's Pilot planning and implementation. Providing evidence of the benefits and impact of the App is essential for 'going-live' and deployment.

Daysix will support the design of the Evaluation study plan, supplying documentation and tools to help where required.

3.6.1 Evaluation Criteria

- a) Demonstrates Performance, by evidencing the following:
 - The App was acceptable to users
 - The App performed its intended purpose to the expected level
 - The App successfully integrated into current service provision or current best practice
 - The App caused no unintended negative impacts on service users or services
 - The App showed improvements in outcomes (costs saved, efficiencies achieved, health and care improvements)
 - The App was used in line with expectation (who, how, for how long).
- b) Delivers Value, by showing a comparison of direct and indirect costs and resource impacts between the App and current practice.

3.6.2 Evaluation Collection

- a) Scribe satisfaction - surveys for clinicians documenting using the application, immediately after case completion, and at monthly intervals throughout the pilot measuring satisfaction of using the App in comparison with existing system/process.
- b) Senior Clinician satisfaction - survey for senior clinicians to complete before and after the pilot comparing satisfaction and experience, particularly evaluating quality of data and efficiency of case sign-off process.
- c) Trauma Audit Upload Efficiency - surveys at certain intervals getting qualitative feedback from Audit coordinators measuring any change in time taken to upload audit data using data generated by the App in comparison to previous practice.

3.6.3 Evaluation Report

The Hospital's Trauma App Champion will meet at monthly intervals with one of the Daysix team to provide a report on progress, offer any feedback, and receive support for the pilot and any preparations for procurement.

The Hospital will be required to share the anonymised evaluation evidence outcomes in full with Daysix and be happy for this to be used to support other Hospital's procurement processes.

3.7 Hospital Responsibilities

The Hospital will be responsible for the following server and equipment items which may incur extra costs in order to successfully run the pilot.

3.7.1 Server (Option A - Self-hosted)

If Installation 'Option A' is chosen for the pilot, the Hospital's eHealth team must set up server instances on the Hospital's server environment. Details of requirements can be found in section 3.11a in the Product and System Description document (ref. 3.1)

If installation 'Option A' is chosen for the pilot, the Hospital's eHealth team must set up its own PowerBI Instance for enabling data visualisation during the pilot for evaluation and analysis purposes.

3.7.2 iPad Devices and Device Management

The Hospital will require at least one Apple iPad (8th generation or higher) per resus bay in the ED, and one available as a spare for the department.

The Hospital is required to have a charging station capable of charging all iPad devices simultaneously.

The Hospital is recommended to install remote management systems (e.g. 'Workspace ONE' or Microsoft Intune) to ensure that passcodes and auto updates on the iPad devices are enabled for safety and security purposes.

3.7.3 Backup Options

It is a clinical safety risk mitigation to ensure that the final report can be printed to follow the patient in the event that the final report can't be automatically uploaded to the Electronic Patient Record (EPR).

The Hospital must ensure the existing scribing process must be kept in place as a back up, or if there are not sufficient staff resources to document with the App (e.g. overnight).

3.7.4 Training

The Trauma App Champion must ensure themselves and the Major Trauma clinicians are confident with using the App, making use of the free online resources for governance and training support as necessary. (thetraumaapp.com/resources, thetraumaapp.com/training).

Any further Training, online or on-site will be charged as per Daysix's standard pricing located on the website - thetraumaapp.com/resources/.

3.8 Charges and Contract

3.8.1 Software Licence Fee

There will be no fee charged by Daysix to the Hospital for access to the App for the duration of the pilot.

3.8.2 Installation Fee

In the event of opting for Option A Installation of the software services onto the Hospital's server, there will be a fixed setup fee of £4,500* charged by Daysix for carrying out the technical installation work, and further charges to the Hospital may be involved from their server hosting platform as described in section 3.11 of the Product and System Description document (ref. 3.1).

In the event of choosing Option B Installation (3.2.1) there will be no fee charged for the hosting of the Software Services, Data Storage and PowerBI dashboard analytics for the pilot.

3.8.3 Integration Fee

There will be no fee charged for PDF Document Integration and PowerBI Analytics integration as outlined in 3.4.1 and 3.4.2.

Fees for other integration options as described in 3.4.3 will be discussed and any charges agreed with the Hospital based on the fees outlined in Daysix's standard pricing located on the website - thetraumaapp.com/resources/.

3.8.3 Contractual agreement

The pilot outlined in this document is subject to contract. If the Hospital would like to proceed with a pilot the Hospital must confirm with Daysix both the Installation type (Option A or B) and Integration preferences. Daysix will then issue a formal Proposal to put a contractual agreement in place for proceeding with the pilot.

NOTE: All fees and charges mentioned are exclusive of VAT.

4. Procurement Post-Pilot

4.1 Business Case

If the Hospital is satisfied with the pilot and would like to go-live and deploy the App, relevant Business Case documentation as required by Hospital procurement procedure must be completed for approval using the Evaluation and Validation from the pilot along with support from Daysix's resource hub – thetraumaapp.com/resources.

4.2 Contract

The Hospital should agree and sign Daysix's Order Form (Contractual Proposal) and Software Services Agreement (Terms and Conditions) before commencing use of the App beyond the pilot.

4.3 Production Installation and Integration

In the event of choosing Installation Option B for the pilot, and the Hospital would like to select Option A installation type for ongoing use, then the Hospital will be required to arrange deployment of the Software Services within the Hospital's server environment along with the required integrations as agreed with the Hospital.

NOTE: It's important that the Hospital enters into discussion with Daysix as early as possible and agreements put in place to allow for the necessary actions for deployment limiting down-time of the App post-pilot.

4.4 G-Cloud Framework

The Trauma App is listed on the G-Cloud framework and can be used for procurement of the App.