



U N I T Y

Service Definition

SOLUTION OVERVIEW

Unity™

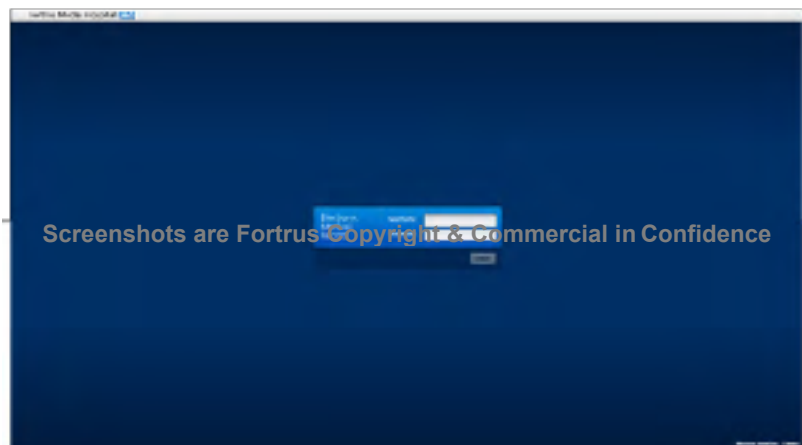
Product Description

IT deployments around the world often fail because they are driven from a technology perspective rather than from a users point of view. Fortrus have resolved this issue by creating a unique user interface (Unity™) that enables users to navigate a patients's medical record quickly and easily. Powerful tools are included to bring the information to life and in a clinical context so that patient interactions with a healthcare provider are at the forefront of access to the patient records themselves.

Unity™ is the core software application that enables the Unity solution and its additional modules to operate, providing users with unique ways to view and explore information from any source.

Role-based Access

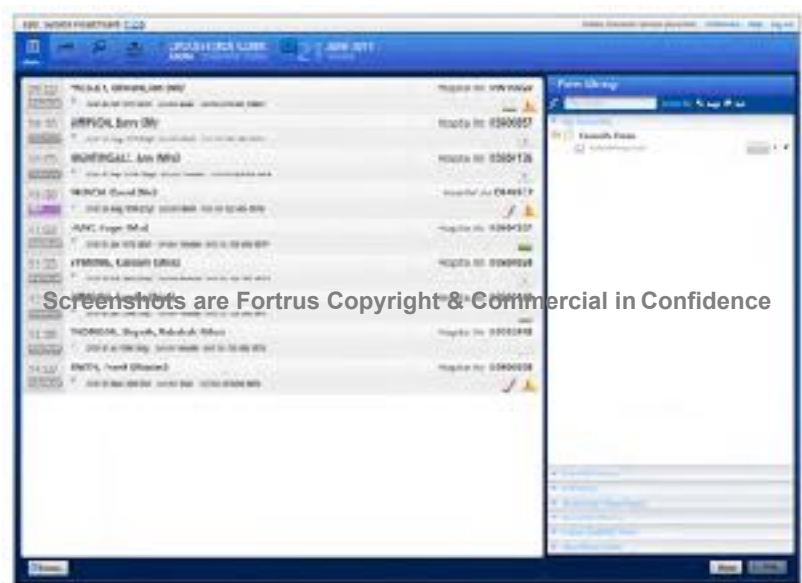
When a user logs-in to the application their job role is recognised by the system and their preferences for 'look and feel' of the application are automatically configured. Security rights are also automatically linked to the data so that they can only see information that they have appropriate rights for.



Clinic Lists

Clinic Lists or Elective Surgery lists allow users to access and view the patients they are going to see.

Users can also view other Clinic Lists, Consultants lists and Specialty lists as well as look at lists in the past, or the future.



Inpatient / Consultant / Specialty Lists

Inpatient Lists enables users to subscribe to multiple Inpatient Lists and save their favourites.

By selecting a colleague from the drop-down list, users can view lists of patients that are being looked after by someone else.

Users can also select a ward or care location to see all admitted patients by area.

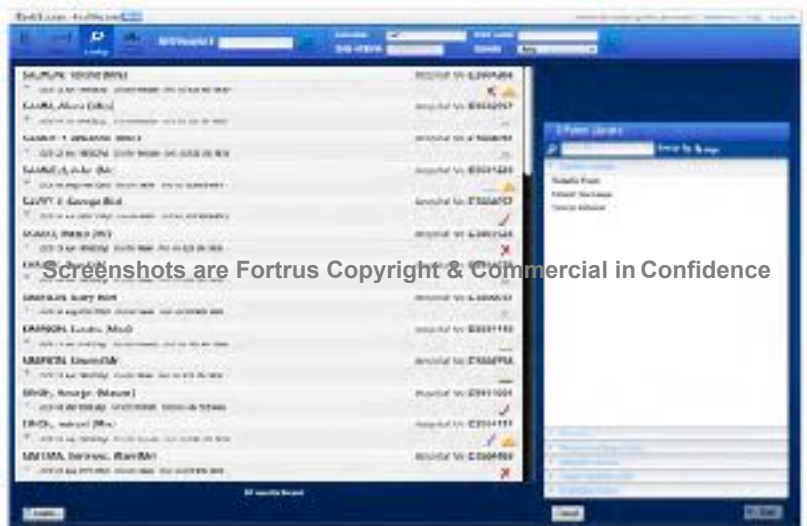


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Patient Lookup

After logging-in a user can perform a patient search, this can be done by a direct search on the patient's demographics using the patients ID Number or by a combination of Surname, First Name, Date of Birth and Gender.

Unity returns a list of matching patients so that the user can go straight into a patient's record.

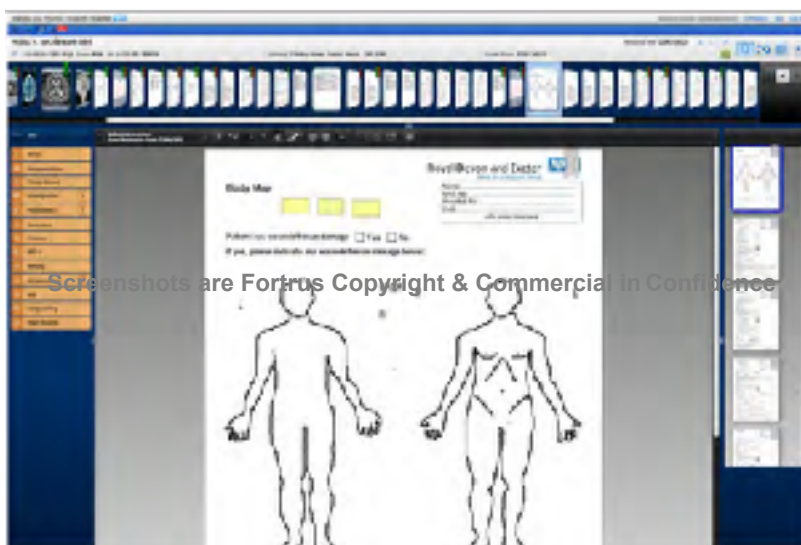


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Document Navigator View

The Document Navigator View displays the selected document in the body of the screen.

The display also shows icons for all documents within the patient record in chronological order at the top of the screen as thumbnails, and the record Tabs structure down the left hand side. 'Tabs' represent the index Tabs found on many paper record folders. Individual page thumbnails are shown on the right-hand side of the screen to enable users to quickly jump between pages.



Timeline View

The Timeline View plots the patient's documents against each record Tab and according to their date on a timeline.

Patient's attendances are also overlaid to give clinicians a full picture of the patient history. The timeline is adjustable by week, month or year.

Note: attendance data can be maintained by our standard API.



Document and Attendance List View

The Document and Attendance view displays the patient record documents in a tabular view with key patient attendance information shown against each document.

Clinicians can view meta data associated with each document, who last viewed it, whether annotations were made, and the stays of bookmarks. Documents can be sorted by any of the column headings, making searching quick and intuitive.

Note: attendance data can be maintained by our standard API.

[illegible]

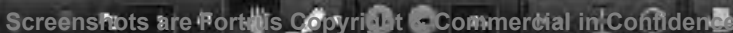
Every user can adjust personal preference settings according to the patient information they prefer to see and the screens that they prefer to use, as well as define how they view documents and patient information.

For example; always opening a certain type of document if one is present in the record or setting their default type of view screen when opening a record.



Users can rapidly manipulate the document display size on screen by clicking the zoom tool or using keyboard hot keys.

Clinicians can create even more screen space by removing the left hand tab menu and the document icons at the top of the screen. These personal view choices can also be permanently saved on the preferences view.



Annotation text can be typed on to any document page. When saved, the user's annotation text and its anchor point become permanent although the annotation box can be collapsed down, or dragged to other areas of the document.

A highlight tool can be placed on the page and moved to cover an area defined by the user. Once saved, the highlight is permanently added to the record.



Demographic Information

Unity displays patient data in accordance with regulatory guidelines and best practice. Demographic information is laid out in a clearly distinguished banner format. The banner can be expanded by the user to expose more information such as Doctor details and a table showing who has viewed the record.



Document Thumbnail View

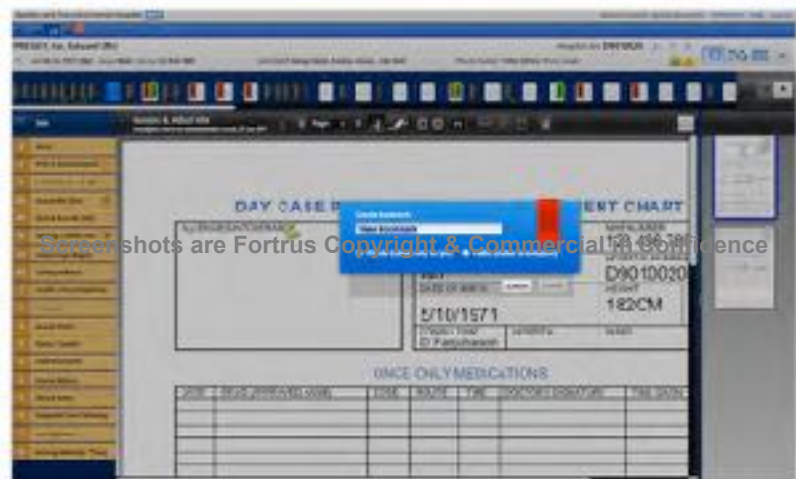
When opened, every document page is displayed in a scrollable thumbnail view pane. Clicking a thumbnail will instantly open it in the main viewer.

When viewing large documents clinicians can expand the thumbnail pane viewing area across the screen.



Page Level Bookmarking

Clinicians can add bookmarks to any page in any document. Bookmarks can be private for an individual user or public and viewable by other users. Searchable bookmark tag text can be added by users. Green (public) or red (private) sashes indicate that page bookmarks exist on a document. Users can search for bookmarks to retrieve their documents either by listing them or by instant text search matching.



Record Scanning Status

An icon on the right edge of the patient demographic banner instantly shows Clinicians the status of the electronic record, whether it is a dormant record, or for a new or existing patient. The number of green bars indicate the size of the record. Clinicians will also be made aware if the historic paper record has been scanned or not.



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Access Log

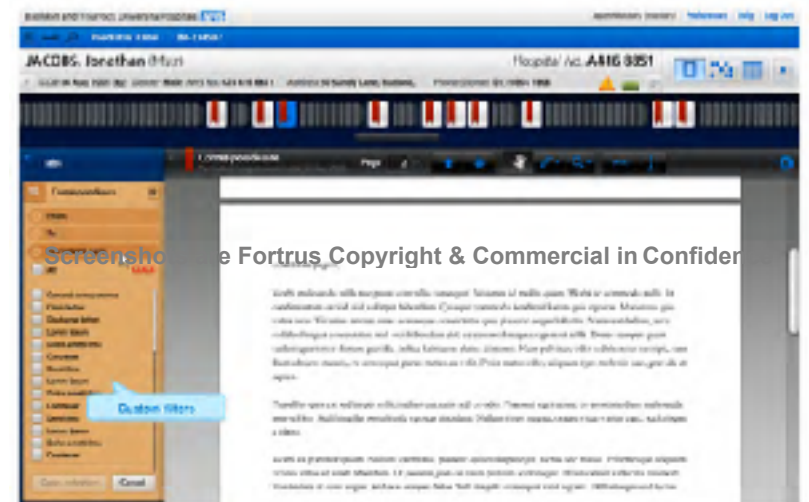
Users can view an access log within every patient record. It details the date, time and user name of every person who has opened the record.

All user interactions with patient records and documents are captured in a detailed audit trail which is available to system administrators.



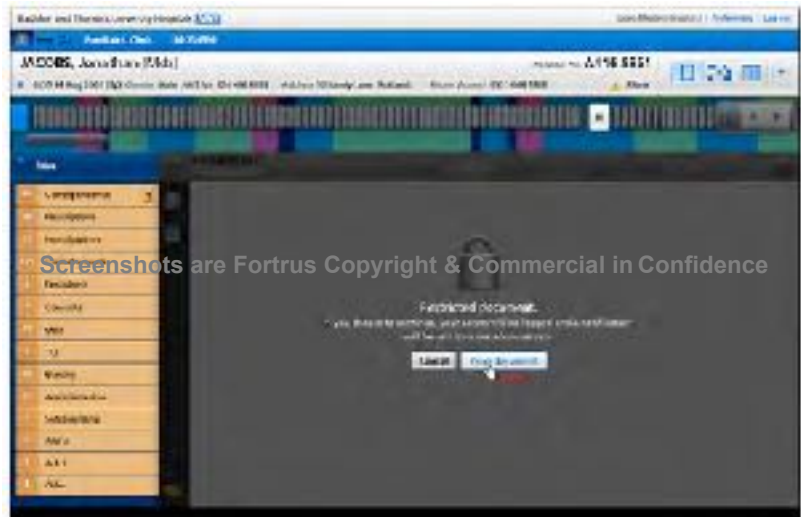
Search Filters

Users are able to select specific metadata filters to drill-down and find documents of specific types or criteria. For example; a user can ask to see letters that were sent from a Doctor to the Patient, over a specific timeframe. The relevant letters will then be displayed instantaneously.



Break Glass Security

Unity has multi-layer security which ensures that users are only able to see information that they have appropriate access rights to. If a user needs to view a document that is restricted then a 'Break Glass' warning message will appear which gives them an option to view the document, but informs the appropriate security body and audits this action.



Barcoded Labels & Forms

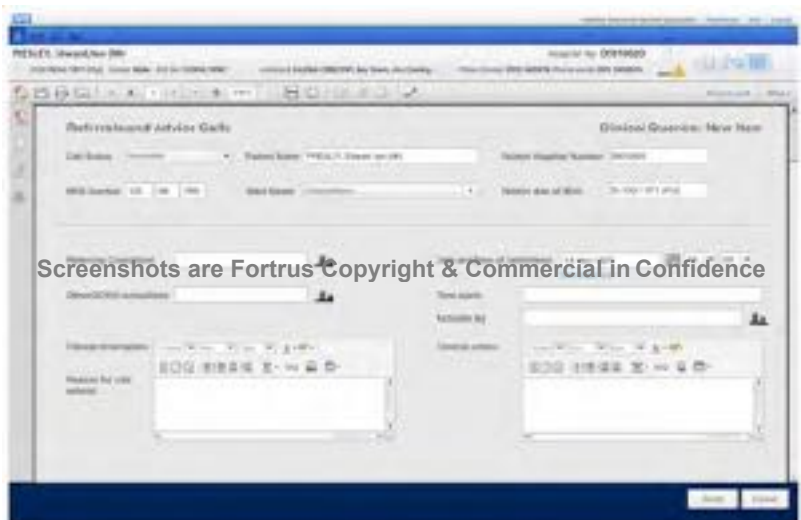
Barcoded forms can be printed from Unity, then completed using traditional pen and paper, and then scanned back into the record. Unity Barcoded labels can also be used for adhering to paper forms that the user already uses. The system uses the barcode to identify the form type, patient and indexation.

Unity also includes a forms library for storing and searching for forms.



Workflow and eForms

Workflow and eForms allows users to enter information into Unity by using electronic forms (eForms). Digital workflows can then be created to disseminate that information to other users or systems.



Paediatric Growth Charts

Paediatric Growth Charts allow clinicians to enter data directly into a digital Paediatric Growth Chart. Individual Growth Charts are available separately to run on the Growth Charts Core Module™.



MOBILE SOLUTIONS

Fortrus have four mobile solutions, the following options are available for mobile devices:

- **Option 1: Fortrus Unity iPad mobile application**

- This is a native application written in Objective C language. It provides full access to the patient medical record, as well as intuitive filters for searching the record and looking-up patients.

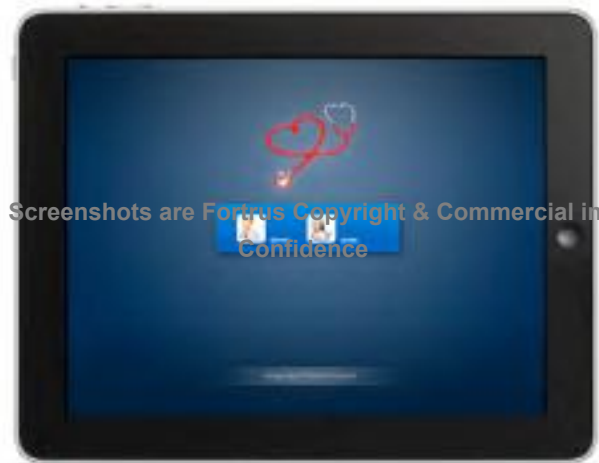
- **Option 2: Fortrus Mobile eForms™**

- Fortrus Mobile eForms™ enables users to complete electronic forms, on-line and off-line, and then synchronise them with the patient record held in Unity. Fortrus Mobile eForms™ utilises HTML5 technology and runs on Microsoft Windows desktop and mobile tablets, iPad and Android.

The following screen shots show the Fortrus iPad Application™. The application allows users to view patient lists, search for patients and then view their medical record using unique search capabilities.

Role-based Access

When a user logs-in to the application their job role is recognised by the system and their preferences for 'look and feel' of the application are automatically configured. Security rights are also automatically linked to the data so that they can only see information that they have appropriate rights for.



Patient Lookup

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The display also shows icons representing documents associated with the selected document. From here the image can be zoomed by using pinch and scroll motions.



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Timeline View

The Timeline View plots the patient's documents against each record Tab and according to their date on a timeline. The timeline includes thumbnail images to see the underlying documents, and patient attendance information to put the documents into context.

Note: attendance data is fed from the incumbent hospital administration system. This functionality can be suppressed if attendance data is not available.



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Document Thumbnail View

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The following screen shot shows the Fortrus Mobile eForms™ application.

Mobile eForms

Fortrus Mobile eForms™ is an HTML application that provides on-line and off-line completion of eForms on any device that runs HTML; e.g. tablet devices, PCs and Laptops. The completed eForms can then be stored in the core system and/or trigger workflows.

Fortrus Mobile eForms™ maintains patient demographics so that eForms are pre-populated.



Fortrus Professional Services

Fortrus have a highly skilled and experienced Professional Services team to support deployments, configure systems, develop integrations and cross-train staff, as and when required. The table below outlines the key roles and services.

SKU ITEM	DESCRIPTION
Fortrus Context Link™ SKU: FCL-1.6-13	Fortrus Context Link™ delivers the capability for a user to switch to another computer system whilst remaining in the patient context, instantly.
Fortrus System Link™ SKU: FSL-1.6-13	Fortrus System Link™ enables additional information held in other hospital systems to become integrated with Fortrus Unity™
Fortrus Resource 001 SKU: FDP-13-001	Director / Partner
Fortrus Resource 002 SKU: FPM-13-002	Principal Project Manager
Fortrus Resource 003 SKU: LSA-13-003	Lead Solutions Architect / Technical Design Authority
Fortrus Resource 004 SKU: FPC-13-004	Principal Consultant
Fortrus Resource 005 SKU: FMC-13-005	Managing Consultant
Fortrus Resource 006 SKU: FSC-13-006	Senior Consultant
Fortrus Resource 007 SKU: SAS-13-007	Solution / Application Specialist
Fortrus Resource 008 SKU: FCO-13-008	Consultant
Fortrus Resource 009 SKU: FAP-13-009	Analyst / Programmer

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