

Patient Tracking Lists

Turning Data into Action

Patient Tracking Lists
to monitor patient pathways

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SOLUTION AIMS



To connect patients, clinicians and managers
through real-time data, to make
healthcare simple and transparent.



To improve the flow of patients from any point of entry, through to discharge, highlighting key tracking steps for each patient



To present essential information in a way that is intuitive, engaging, and actionable.



To support the NHS with information-led operational change.

AN INTRODUCTION

BEAUTIFUL INFORMATION (BI) offers real-time operational data to NHS trusts to help them plan and resource clinical services to meet fluctuations in patient flow, through Patient Tracking Lists, to help monitor patient journeys from any point of entry through to discharge.

Tailored for each healthcare organisation, our system seamlessly integrates data from various sources into a single, comprehensive view. By providing real-time updates on key tracking steps for every patient, prioritising tasks becomes more efficient, ensuring the delivery of optimal care at all times.

Furthermore, our system goes beyond conventional tracking tools by collecting and displaying data that may otherwise go unnoticed, enabling comprehensive insights for both internal operations and external reporting requirements. Join us in revolutionizing patient care efficiency and effectiveness with our cutting-edge tracking solution.

WHAT WE DO



Provide the means to deliver high quality, cost-effective care by transforming data into action.



Web-based solutions across areas such as emergency care, bed management, cancer & maternity services .



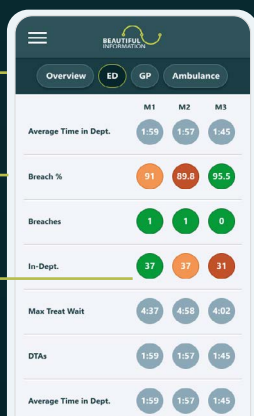
Monitor individual patient pathways and summarise whole-site performance.



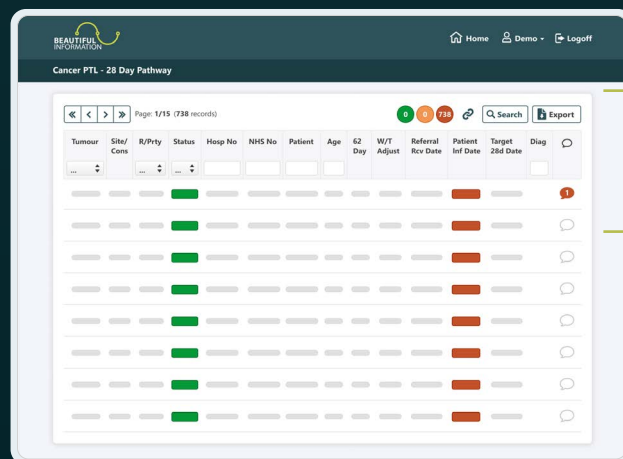
Available on mobile
platforms and
whiteboards, offering
a clear view of data
in real time.



Provide a clear understanding of patient-flow from admission to discharge.



Mobile Apps



Whiteboard Patient Trackers

Bring together data from multiple sources

Quickly identify
issues to improve
patient flow

Accessible on any device

Updated in
real-time

Clear RAG ratings
for all indicators

Everyone has an up-to-date view anytime, anywhere and on any device

Beautiful Information Patient Tracking Lists (PTL)

Real-time, web-based patient tracking lists, bringing together data from multiple systems into one clear view.

Customised for each organisation, it helps monitor patients through their patient journey, for a wide variety of operational areas.

Features

- A single, real-time view of patient-level data from multiple systems in any ward or service
- Hosted on the cloud or locally and accessible to anyone on any web device with appropriate access rights
- Highlights key tracking steps for each patient to help prioritise tasks and ensure the best possible care
- Designed to be used on whiteboards in operational locations for maximum visibility
- Collects and displays data not captured elsewhere
- Feeds data for internal and external reporting

Available for different operational areas, including:

EMERGENCY DEPARTMENT

Helps tackle delays and manage patients from arrival to transfer or discharge. Including:

- ADT data and local notes
- ECAS Card and Clinician allocation
- Diagnostics and Early Warning Scores

INPATIENTS Full in-patient tracking list from any point of entry

- VTE assessments
- Estimated discharge
- Therapies tracking
- Criteria to Reside

CANCER

Pulling patient data directly from cancer systems for an operational view, including:

- Pathway tracking
- Task lists and next key events
- Filter by tumour site and status

There is no restriction on the number of users and there are different views of the same data for different roles within the management/validation of a patient pathway. This allows groups of users to see the information that is relevant to their role, which simplifies the large amount of data held within a pathway.

The PTLs work with existing SQL processes and standardises and visualises this information for patient pathways. It allows users to drill-down into the detail of each patient.

A key element of pathway management and validation is workflow; the PTL makes provision for simple write-back to the SQL tables, which allows validation comments, status, and other workflow tasks to be easily recorded that are not captured elsewhere.

The PTLs are web-based which means any data updates (including manually entered data, such as validation comments) are visible to all authenticated users in real-time throughout the organisation.

Approach

The client provides an SQL dataset from their existing PAS systems and post-application of local rules and processes. BI then will convert this dataset into the required formats to be consumed and presented by the PTL.

The pathway position calculations are undertaken by providers in the initial extract – the PTL is a presentation and workflow tool. This allows the provider to manage and amend their local rules, without the need to contact Beautiful Information (BI) to make changes to the underlying logic.

BI will engage with clients to develop the business rules for RAG ratings, alerts and notifications for all the metrics and then publish the data according to those criteria.

There is the facility for users to add flags, operational management information and comments for any patient, and pick from a preset list of actions that booking teams/operational staff might need to take.

Included with the PTL is an audit feature known as the journal. This records any change that staff make to records on the PTL itself with a timestamp of when the change was made.

The application will be available through any computer on the local network at any time. Authentication can be made using active directory groups, active directory individuals, or custom logins.

Infrastructure

Clients may choose host the PTL on secure cloud platforms or local servers. BI will use our own secure development environment using dummy data during the design and development process and to test functionality.

For local installs, the technical requirements include a virtual server usually on existing Windows systems with ASP .NET 4.6 and SQL Server 2016 onwards, with at least 8GB RAM and 64 GB HD space. The database size should be less than 1GB. The PTL will require 2 new SQL DB – LIVE and TEST – with DBO permissions for BI. These should be accessible via SSMS from the virtual server.

If locally hosted, Beautiful Information will require remote access to implement and support the solution, this includes a remote connection to the web server and SQL databases with full admin permissions to be able to implement and maintain any applications, including the ability to easily copy files from to your environment from our own secure development environment.

Support

A comprehensive support service are provided under the terms of a Service Level Agreement (SLA) which typically offers client support from Monday-Friday between 08:00-17:30. Details of the SLA including the contact reporting procedures, escalation process, and extended hours cover will be issued prior to system deployment.

Support will include ongoing changes to data feeds, data input functions and business rules, and the addition of new views as required. Any new requirements needing significant development may be subject to an additional charge.