

The logo for Pathpoint, featuring the word "PATHPOINT" in a bold, white, sans-serif font. The letter "O" is replaced by a white cross symbol. A registered trademark symbol (®) is located at the top right of the word. The background of the top half of the page is a dark blue gradient with a network of white lines and dots, resembling a molecular or data structure.

PATHPOINT®

CERNER INTEGRATION

CASE STUDY

The NHS logo, consisting of the letters "NHS" in a bold, white, sans-serif font, set against a blue rectangular background.

NHS

**Surrey and Sussex
Healthcare**

NHS Trust

DECEMBER 2020

The logo for OpenMedical, featuring the word "OpenMedical" in a blue, sans-serif font. The background of the bottom right corner features a light blue network of lines and dots, similar to the top section but less dense.

OpenMedical

Problem Statement

Delivery of safe and effective trauma care to the population served by Surrey and Sussex Healthcare NHS Trust in a sustainable service model.

Background

- Cerner Millennium as existing Electronic Patient Record (EPR) system at East Surrey Hospital site.
- Multiple referring sites including Crawley, Horsham, Caterham Dene, Queen Victoria Hospital.
- Currently serving approximately 3,000 referrals a month.
- Virtual fracture clinic currently running on Cerner Millennium EPR with manual population of information into Cerner Millennium from external sites as part of 'Cerner-First' strategy.
- Fracture clinic care delivered solely at East Surrey site.

Challenges

- Multiple stakeholder environment with regional workflows spanning multiple systems and processes, with high referral volumes from a large catchment area.
- Impact of Covid-19 and social distancing measures reducing face-to-face clinic capacity.
- Highly complex and frequently evolving clinical pathways and workflows.
- Multiple vendor systems utilised at different sites resulting in high administrative burden for clinicians.

Acknowledgements

We would like to take the opportunity to thank everyone involved in the rapid delivery of this EPR integration project. We would like to especially thank the following:

SASH Integration Team

Krzysztof Maik - Integration Interoperability Manager
Olugbenga Oyeneye - EPR Developer
Shweta Juneja - QA Testing

Sussex Community Integration Team

Ivor Dias - Integration Lead
SASH Informatics Team
Bhavna Sapat - EPR Programme Manager
Tony Newman-Sanders - Chief Clinical Information Officer

SASH Management Team

Angela Stevenson - Chief Operating Officer
Osama Nooh - Service Manager
SASH Clinical Team
Murali Bhatt - Fracture Clinic Clinical Lead
Tamsin Clarke - Virtual Fracture Clinic Lead

Independent Expert

Richard Bell - Cerner Integration Specialist (provided by Open Medical)

Integration Timeline



Project Outline

To provide a single-unified referral platform for the safe and effective delivery of a Virtual Fracture Clinic to the population served by Surrey and Sussex Healthcare NHS Trust.

Platform Choice

Open Medical's Pathpoint VFC system was chosen as 'Best-of-Breed' system.

Integration

Integration with Cerner Millennium EPR System preferred to allow all clinicians to access clinical information from within the EPR at the East Surrey site.

Project Duration



Technical Time

7 working days

(23rd November to 1st December inclusive)



Quality Assurance

1 working day



Total Time

8 working days

Integration

All integration work was conducted using standard Cerner Millennium interfaces as outlined below. No complex transformations were required.

Interfaces

A19 QRY

To allow demographic return from Millennium into Pathpoint VFC whilst minimising demographic transfer not relevant to Pathpoint eTrauma.

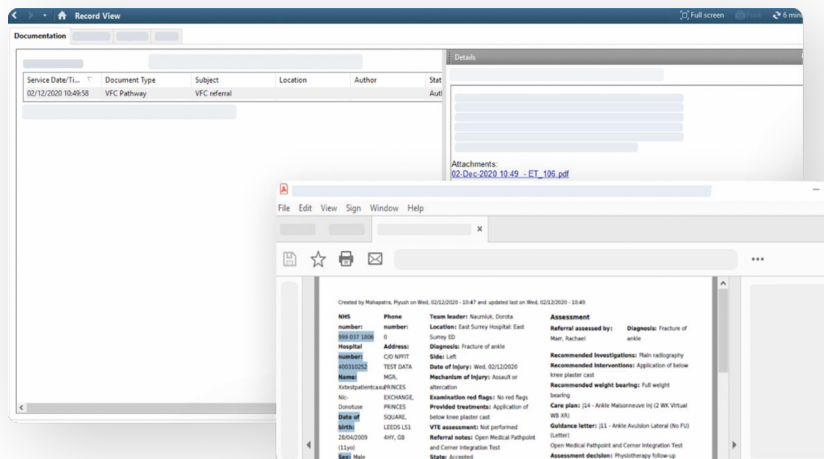
MDM

To allow return of medical documents into Cerner Millennium.

Connection

SSL/TLS encryption protocol with asymmetric key.

A patient record automatically sent from Pathpoint to Cerner



Results



ACCESSIBILITY

Cloud technology allows access from any site within the organisation and beyond.



GOVERNANCE

Highly structured data capture allows actionable insights for service improvement.



PRODUCTIVITY

Bespoke workflows reduce administrative burden.



AVAILABILITY

Integration with National Personal Demographic Service (PDS).



With the ultimate goal of improving quality of care, Pathpoint helps organisations **standardise** care, streamline processes to enhance **efficiency**, leverage **data-driven** insights, and foster a **collaborative** excellence among healthcare providers, all seamlessly

ALIGNING WITH GIRFT PRINCIPLES.

OpenMedical

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