

Ref. No: 0977
Date: 30/05/24
Subject: Device / System Integration

REQUEST

Medical Device Integration

1. Is the Trust HIMMS accredited? If so, what level of accreditation has been achieved?
2. Does the organisation have an existing Electronic Patient Record (EPR) system? If yes, please provide details of the EPR product, including the provider and product name.
3. When is the renewal date for the current EPR system?
4. Does the Trust have a solution in place to automatically send patient data from medical devices to the main Hospital Information System / EPR?
5. Is there a single interoperability platform for all medical devices that automatically sends data to the main hospital information system?
6. If yes to question 5, who is the supplier and what is the name of the product?
7. If yes to question 5, when does the current contract end?
8. Is the Trust reviewing any projects that require the integration of medical devices with the main hospital information system / EPR?
9. If no to question 5, is the Trust currently evaluating suppliers and product options for medical device interoperability with the main hospital information system (PAS/EPR)?
10. If no to question 5, is the Trust interested in learning about our software-only solution and how other NHS customers are adopting our technology?
11. Who is the lead person to contact regarding projects of this nature? Typically, we would connect with the Chief Clinical Information

Officer, Chief Digital Transformation Officer, or EPR Programme Director.

Enterprise Application Integration

- 12. Does the Trust currently have an integration engine for securely exchanging data between software systems both internally and externally?**
- 13. If yes to question 12, what is the product name?**
- 14. If yes to question 12, do you intend to change your current integration engine?**
- 15. If yes to question 14, when does the contract for your current integration engine end?**
- 16. If no to question 12, do you intend to purchase an integration engine?**
- 17. If yes to question 16, when do you plan to purchase it?**
- 18. Who is the lead person to contact about projects of this nature? Please provide their name, email, and phone number if possible.**

Data Warehouse

- 19. There are three main architecture patterns for delivering a Shared Care Record to share data with the ICS. Please identify the Trust's chosen option:**
 - a. Centralised Model – Data is stored in a centralised, consolidated data repository. Data shared by HIE participants is normalised, housed in, and accessed from a central data repository.**
 - b. Federated Model (also known as Distributed Model) – Data is held at source in a decentralised manner. Each participant maintains separate control of its data, typically in special “edge servers” at its own location, and shares patient-specific data upon request from other HIE participants.**
 - c. Hybrid Model – A combination of a & b. Builds on the Federated Model by adding a “record locator service” that tracks where patients have received care and where their source data can be requested.**
- 20. Does the Trust currently have a data repository for the above requirement if selecting b or c?**
- 21. If yes, is it FHIR-based?**

- 22. What is the name of the product?**
- 23. Who is the supplier?**
- 24. When is the contract renewal date?**
- 25. Is the Trust looking to purchase a data repository?**
- 26. If yes, when does it plan to purchase it?**
- 27. Who is responsible for sourcing the data repository? (Please provide name, email, and phone number if possible.)**

RESPONSE

St Helens and Knowsley Teaching Hospitals NHS Trust and Southport and Ormskirk Hospital NHS Trust became a single legal entity known as Mersey and West Lancashire Teaching Hospitals NHS Trust on 1st July 2023, as such parts of the response may be provided in two sections relating to the hospital sites of each of the legacy organisations.

Medical Device Integration

- 1. Is the Trust HIMMS accredited? If so, what level of accreditation has been achieved?**

No.

- 2. Does the organisation have an existing Electronic Patient Record (EPR) system? If yes, please provide details of the EPR product, including the provider and product name.**

Careflow EPR – System C

- 3. When is the renewal date for the current EPR system?**

St Helens and Knowsley:

March 2027

Southport and Ormskirk:

November 2025

4. Does the Trust have a solution in place to automatically send patient data from medical devices to the main Hospital Information System / EPR?

No

5. Is there a single interoperability platform for all medical devices that automatically sends data to the main hospital information system?

No

6. If yes to question 5, who is the supplier and what is the name of the product?

N/A

7. If yes to question 5, when does the current contract end?

N/A

8. Is the Trust reviewing any projects that require the integration of medical devices with the main hospital information system / EPR?

No

9. If no to question 5, is the Trust currently evaluating suppliers and product options for medical device interoperability with the main hospital information system (PAS/EPR)?

No

10. If no to question 5, is the Trust interested in learning about our software-only solution and how other NHS customers are adopting our technology?

No

11. Who is the lead person to contact regarding projects of this nature? Typically, we would connect with the Chief Clinical Information Officer, Chief Digital Transformation Officer, or EPR Programme Director.

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Enterprise Application Integration

12. Does the Trust currently have an integration engine for securely exchanging data between software systems both internally and externally?

Yes

13. If yes to question 12, what is the product name?

St Helens and Knowsley:

Nextgen Connect

Southport and Ormskirk:

Mirth

14. If yes to question 12, do you intend to change your current integration engine?

No

15. If yes to question 14, when does the contract for your current integration engine end?

N/A

16. If no to question 12, do you intend to purchase an integration engine?

N/A

17. If yes to question 16, when do you plan to purchase it?

N/A

18. Who is the lead person to contact about projects of this nature? Please provide their name, email, and phone number if possible.

Ian.Hendry@sthk.nhs.uk

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Data Warehouse

19. There are three main architecture patterns for delivering a Shared Care Record to share data with the ICS. Please identify the Trust's chosen option:

B

20. Does the Trust currently have a data repository for the above requirement if selecting b or c?

Yes

21. If yes, is it FHIR-based?

No

22. What is the name of the product?

N/A

23. Who is the supplier?

N/A

24. When is the contract renewal date?

N/A

25. Is the Trust looking to purchase a data repository?

No

26. If yes, when does it plan to purchase it?

N/A

27. Who is responsible for sourcing the data repository? (Please provide name, email, and phone number if possible.)

N/A