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NHS
Sherwood Forest Hospitals
NHS Foundation Trust

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25th November 2026

[redacted]

Dear Sir/Madam

Freedom of Information Act (FOI) 2000 - Request for Information Reference: EPR systems, clinical documentation and integration capabilities

I am writing in response to your request for information under the FOI 2000.

I can confirm in accordance with Section 1 (1) of the Freedom of Information Act 2000 that we do hold the information you have requested. A response to each part of your request is provided below.

FOI Request / Question	Question Response	Is there an exemption?	Exemption	Exemption Details
1. Which EPR system does your Trust currently use? (e.g. Oracle Health/Cerner, Epic, System C, Nervecentre…)	The Trust does not currently have an EPR and is rolling out Nervecentre over the next 12 months.			
2. Where and how do clinicians create and record clinical notes and clinical documents within your EPR? (E.G. In Oracle Health/Cerner, via 'Clinical Notes' Mpage, PowerNote, Dynamic Documentation or another documentation workflow, potentially accessed via an MPage; or the equivalent documentation module or workflow in your EPR.)	Not deployed yet			
3. Does the EPR support third-party applications launching within the system (e.g. via. Smart on FHIR)?	Not fully deployed yet.			
4. Does your Trust use a Trust Integration Engine (TIE) or middleware platform? If so, which product? (e.g. Rhapsody, Ensemble…) Or do you manage integrations via. A different method?	Yes, Rhapsody			

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5. Does your Trust currently operate only: HL7 v2, FHIR or both interfaces/capabilities?	HL7 and FHIR			
6. Does your Trust typically prefer integrations (data exchanges) to be routed via. TIE or directly with the EPR?	TIE is preferred			
7. Do you manage integrations in-house, 3rd party IT/Consulting team or refer back to the EPR vendor for support?	Arms length IT Provider (NHIS)			
8. What authentication methods are supported for third-party applications integrating with your EPR or TIE? (For example, OAuth 2.0, OpenID Connect, SMART on FHIR, mutual TLS, service accounts or other mechanisms.)	Rhapsody TIE capabilities in regards to authentication methods: • Connection / transport: TCP/IP; MLLP; HTTP/HTTPS; SFTP; SOAP/web services; SQL/database connectivity; message queues. • Transport security: TLS; mTLS; X.509 certificates. • Authentication: Username/password; X.509 client certificates; API keys/access keys; HTTP Basic/Digest authentication; OpenID Connect (OIDC); OAuth 2.0 client authentication; JWT/private-key authentication. • Authorisation: OAuth 2.0; scopes/roles/permissions; access tokens; SMART on FHIR authorization patterns. • Healthcare interoperability standards/formats: HL7 v2; FHIR; DICOM.			

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9. How do clinicians authenticate themselves when accessing third-party applications integrated with your EPR or even generally? (For example, NHS CIS2 authentication, single sign-on (SSO), Active Directory, SAML 2.0, OpenID Connect or other Trust-managed identity providers.)	NHS CIS2 Authentication for ESR & SystmOne, Active Directory for clinical applications on premise, NHS EntraID for M365			

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I trust this information answers your request. Should you have any further enquiries or queries about this response please do not hesitate to contact me. However, if you are unhappy with the way in which your request has been handled, you have the right to ask for an internal review. Internal review requests should be submitted within two months of the date of receipt of the response to your original letter and should be addressed to: Sally Brook Shanahan, Director of Corporate Affairs, King's Mill Hospital, Mansfield Road, Sutton in Ashfield, Nottinghamshire, NG17 4JL or email sally.brookshanahan@nhs.net.

If you are dissatisfied with the outcome of the internal review, you can apply to the Information Commissioner's Office, who will consider whether we have complied with our obligations under the Act and can require us to remedy any problems. Generally, the Information Commissioner's Office cannot decide unless you have exhausted the internal review procedure. You can find out more about how to do this, and about the Act in general, on the Information Commissioner's Office website at: https://ico.org.uk/your-data-matters/official-information/.

Complaints to the Information Commissioner's Office should be sent to FOI/EIR Complaints Resolution, Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF. Telephone 0303 1231113, email casework@ico.org.uk.

If you would like this letter or information in an alternative format, for example large print or easy read, or if you need help with communicating with us, for example because you use British Sign Language, please let us know. You can call us on 01623 672232 or email sfh-tr.foi.requests@nhs.net.

Yours faithfully

Information Governance Team

All information we have provided is subject to the provisions of the Re-use of Public Sector Information Regulations 2015. Accordingly, if the information has been made available for re-use under the Open Government Licence (OGL) a request to re-use is not required, but the licence conditions must be met. You must not re-use any previously unreleased information without having the consent from Sherwood Forest Hospitals NHS Foundation Trust. Should you wish to re-use previously unreleased information then you must make your request in writing. All requests for re-use will be responded to within 20 working days of receipt.

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