




England

Supplier Onboarding Pack

National Imaging Registry (NIR) Service



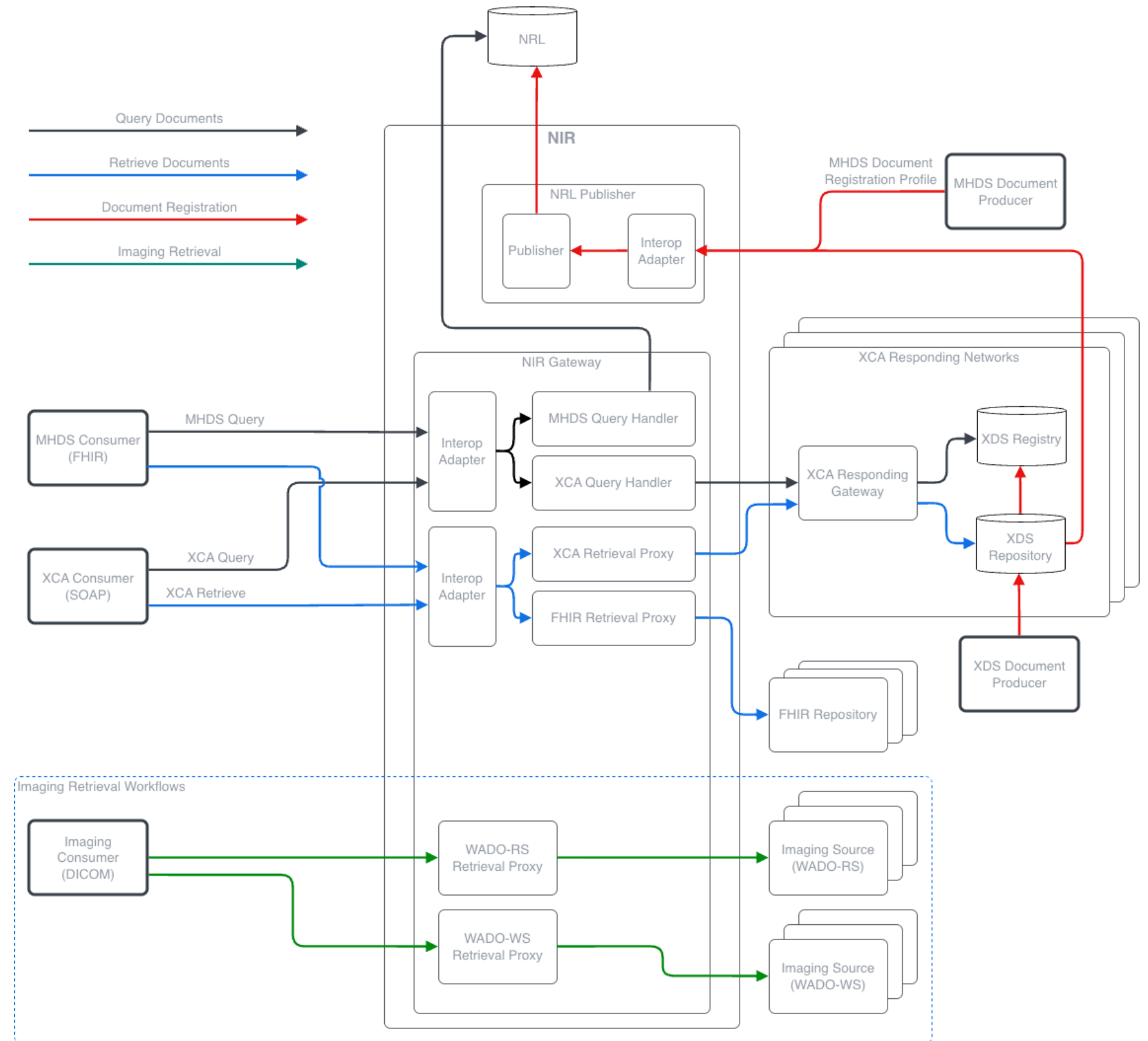
The onboarding pack provides an overview of key considerations, requirements, and decisions needed to connect to the National Imaging Registry (NIR) Service.

It is designed to support suppliers in aligning early, reducing delays, and progressing efficiently through onboarding and integration.

NIR Service Overview

- The NIR is a service that routes and maps requests to query and retrieve imaging data between different networks and systems
- Currently supports the established XCA (SOAP) framework
- Will support the modern MHD (FHIR) framework
- Will provide a translation layer to allow for connectivity between XCA and MHD systems
- Is available over the Internet

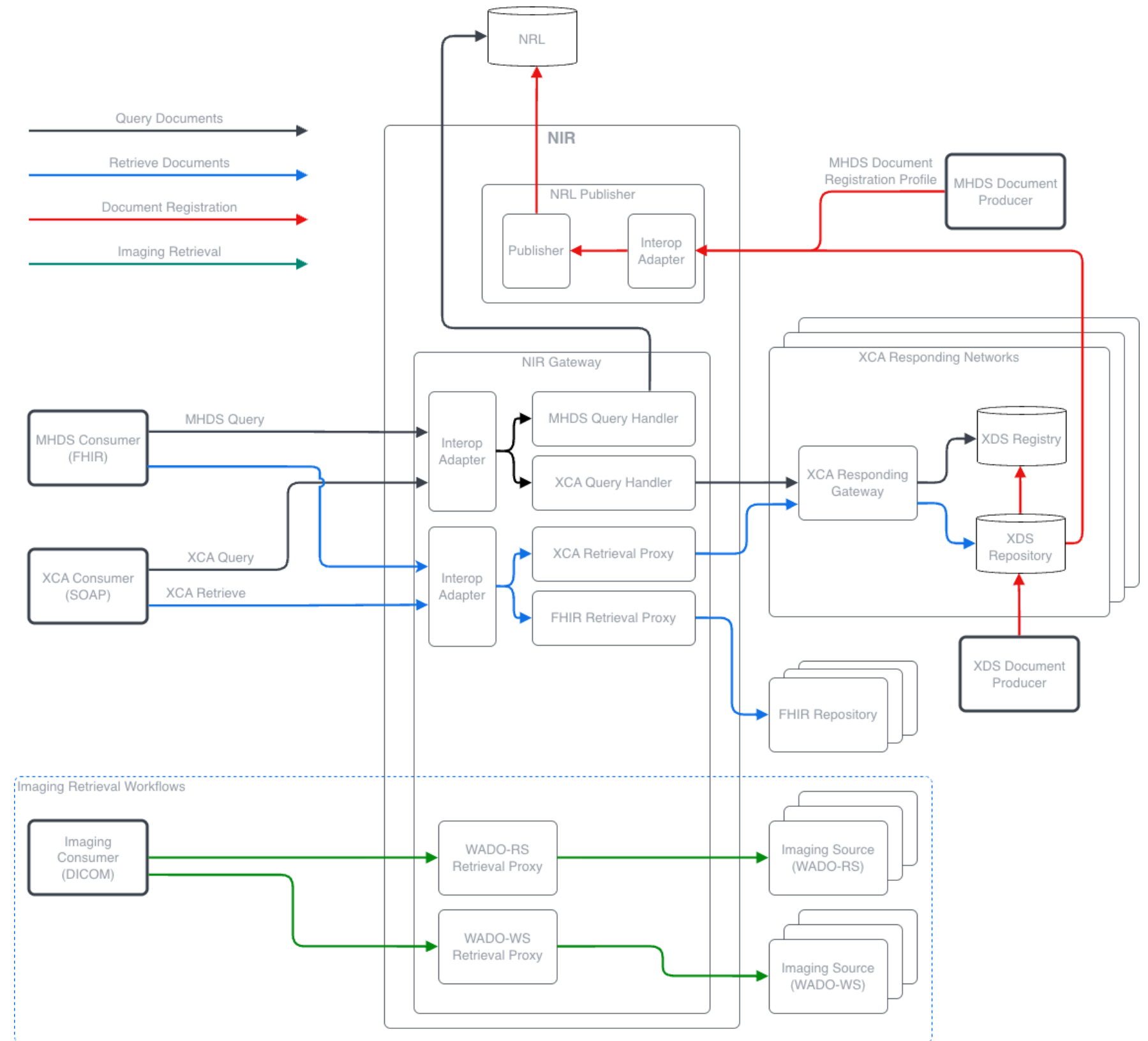
NIR will leverage existing NHS products to maintain system performance as more Trusts onboard.



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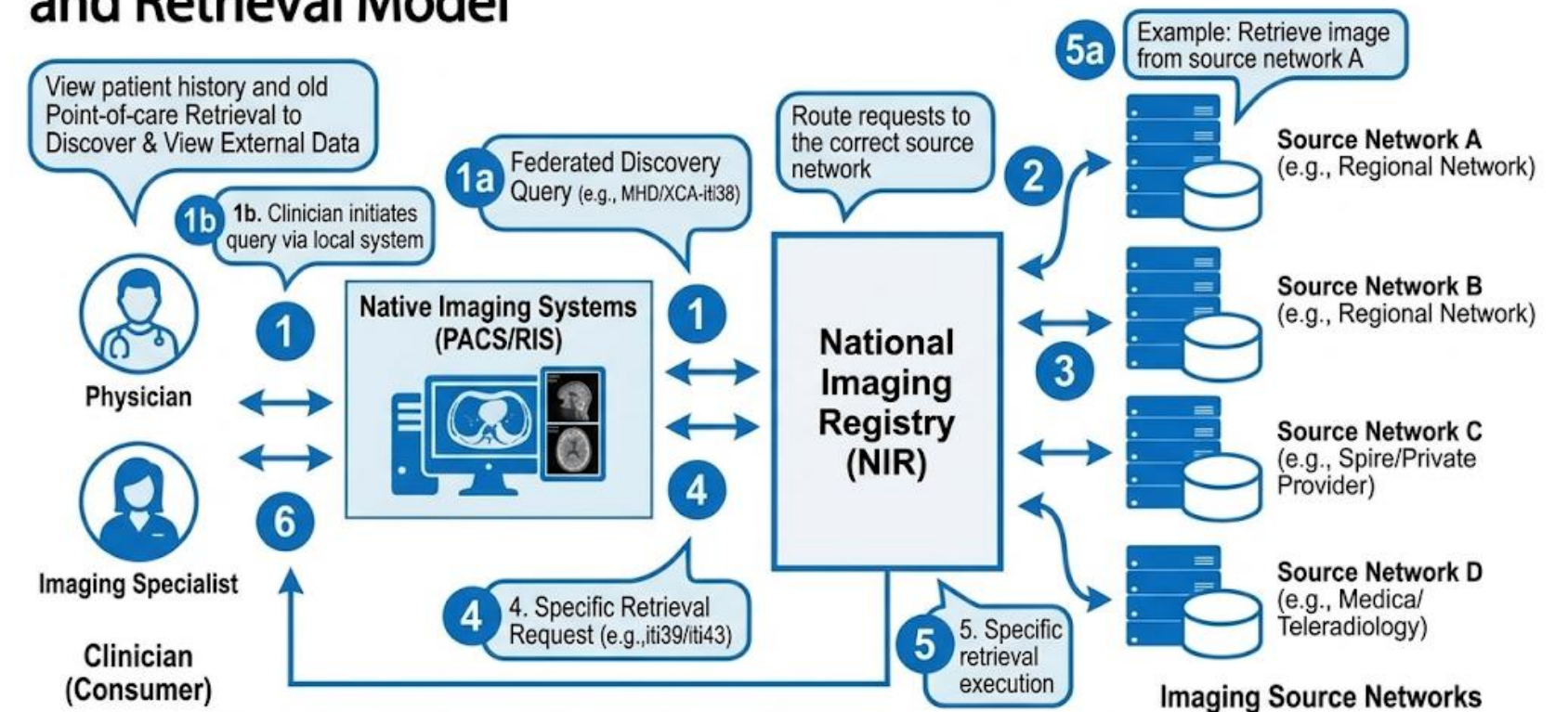


What NIR is

NIR's function is to provide a secure, real-time "bridge" for discovery and retrieval within existing local systems.

- ✓ It provides a service that enables cross-network sharing of diagnostic data.
- ✓ It supports out-of-area flows through cross-country diagnostic image and report sharing.
- ✓ It reduces fragmentation of care by providing smooth, continuous access to imaging.
- ✓ It reduces imaging duplication, improving patient safety and enhancing clinical productivity.

National Imaging Registry: High-level Federated Discovery and Retrieval Model



What NIR is not

NIR Service focuses on connecting existing infrastructure at a local and regional level, not replacing it.



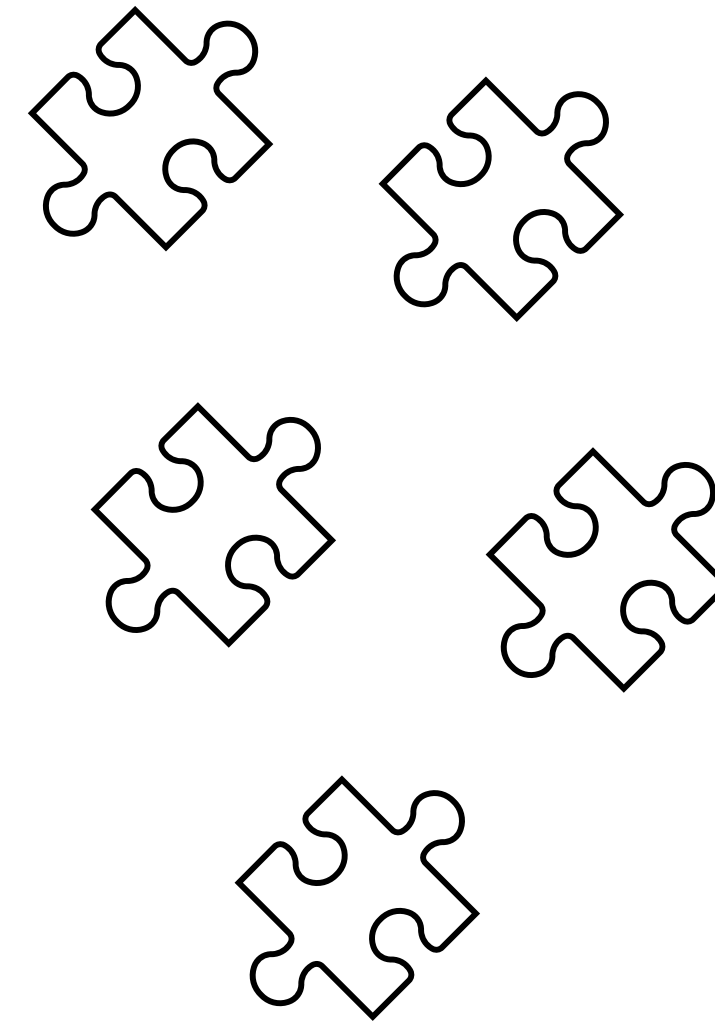
NIR **does not** store diagnostic images or reports centrally, nor does it take ownership of clinical data.



NIR **does not** replace existing clinical user interfaces or imaging systems.

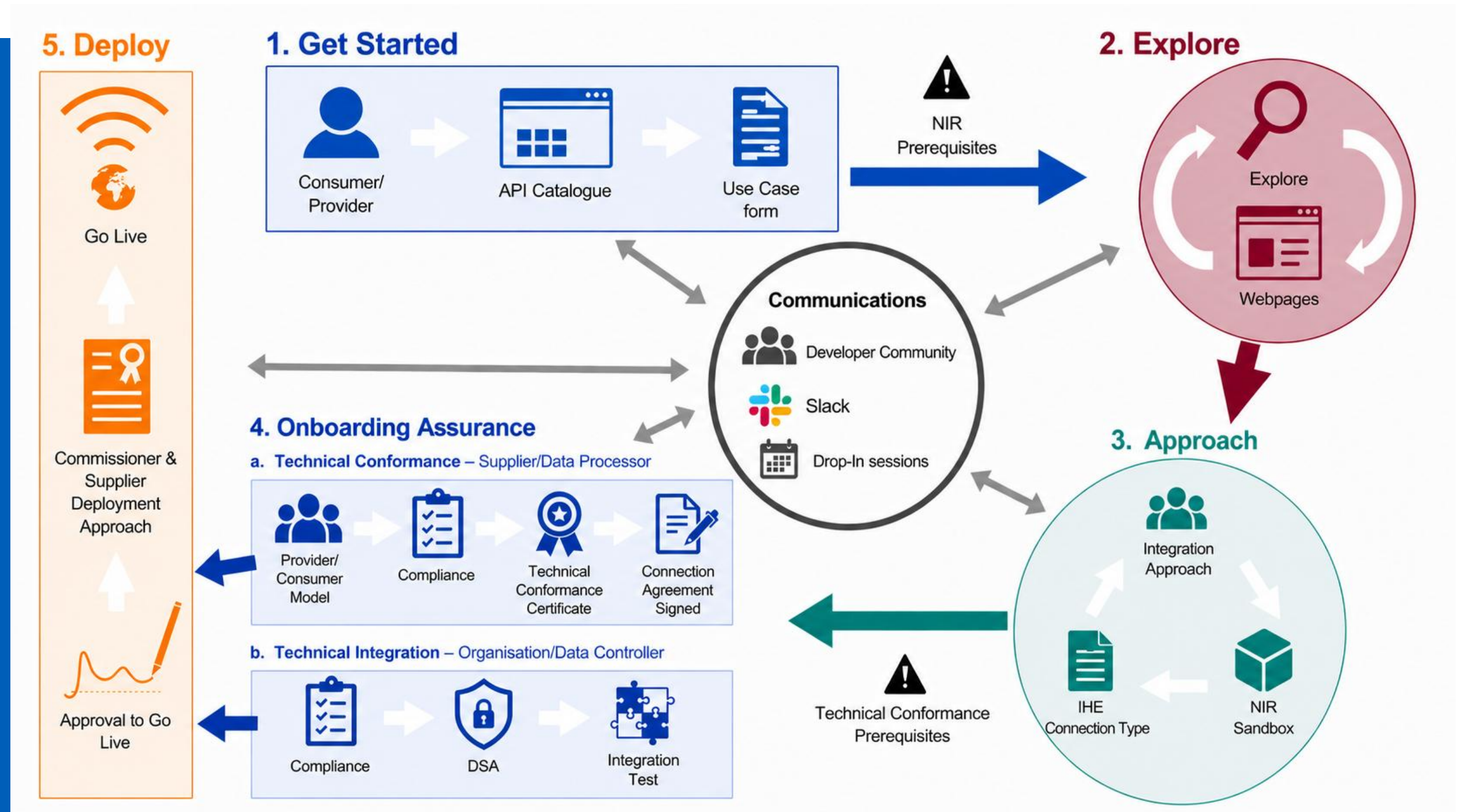


NIR **does not** own data; participating organisations retain full responsibility for data controller duties, local clinical workflows and information management when adopting the NIR API.



What is onboarding?

- The process for connecting your product or organisation to the NIR API Service is called onboarding.
- It has both digital and offline components, that are designed to ensure you understand the product, you can integrate the solution, and you can successfully complete the assurance process.
- A major part of onboarding is the NHS England Digital Onboarding Service (DOS), which allows you to onboard other NHS England services, such as the PDS spine.
- Onboarding is a process that applies to both suppliers and healthcare organisations.



What does the above diagram show: A high-level end-to-end NIR onboarding journey, showing how organisations and suppliers move from getting started, through exploration and integration, into assurance, and ultimately to go-live, with communications and support throughout.

For Suppliers

What you need to know about NIR onboarding



You don't need a HCO/Trust to onboard

NHSE manages the assurance relationship with suppliers and organisations separately.

You can start your onboarding with us directly.



Commissioned access is required for testing and production

To perform INT environment testing and gain production access, you must be commissioned by one or more health organisations.



Data access endpoints – current status

- XCA Gateway is live now for onboarding (beta).
- MHDS endpoint (FHIR) is in alpha phase.

We are running **MHDS discovery workshops** with suppliers.

We are also running an **XCA Drop-in session** with suppliers and organisations in one place.



Aligned with other onboarding processes

Our onboarding is designed to be consistent with existing NHSE digital services.

You will need to:

- Have a DCB0129 (Clinical Safety Case)
- Be DSPT compliant
- Be actively engaged in our use case processes



Work with Trusts as Data Controllers

You will need to work with Trusts on integration, smoke testing and go live.

This activity is part of the HCO/Trust onboarding process compliance.



Support and resources

We're here to help.

Access guidance, technical documentation and support via our webpages and developer community.

Contact the NIR product team for any questions.

Onboarding as a Supplier

- You can start your onboarding and product accreditation directly with NHSE through the DOS system.
- All major versions and updates to your product will need to go through the same DOS accreditation process.
- You don't need an EUO to start onboarding — a suitable test system for your product version is enough.
- Access to the INT (integration) environment is not provided as part of DOS accreditation, and production access is not granted once a Connection Agreement has been signed.
- To carry out testing in the INT environment and gain prod access, you'll need to be commissioned by an EUO and receive their Home Community ID.

For more information, including technical resources, contact the NIR product team – england.nirdelivery@nhs.net .

NIR INT Environment – What Suppliers Need to Do

Once you've signed the connection agreement, an organisation can **commission you** to enter **INT environment testing**.

Once testing is successful, this leads to **production access**.



WHAT YOU NEED TO PROVIDE (INITIATING GATEWAYS – YOU REQUEST DATA)

1 Connectivity

- Ensure you can resolve and reach our domain over the internet:
- Provide the static IP address(es) of your service so we can add them to our allowlist.

2 Certificates

- Generate your own self-signed root certificate and provide it to us so we can add it to our trust store.
- Use your own intermediate certificate to generate leaf certificates and keys for mTLS and WS-Security (XUA SAML Assertions).
- When making requests, provide both your leaf and intermediate certificates in the chain.

WHAT YOU NEED TO PROVIDE (RESPONDING GATEWAYS – YOU PROVIDE DATA)

1 Service Endpoints

Provide your service endpoints for the following profiles:

- ITI-38
- ITI-39
- RAD-75

2 Allow Inbound Access

Allow inbound access from the following static outbound IP address used by the NIR INT environment:

3 Certificates

- We will provide our root certificate for you to add to your trust store.
- You will be required to trust this for both mTLS and WS-Security validation.

We're here to help
The NIR team is here to support you at every step. If you have any questions or need help, please contact: england.indelivery@nhs.net

More information
API documentation, guides and technical resources are available on the NIR API Catalogue.

API Catalogue
<https://digital.nhs.uk/developer/api-catalogue/national-imaging-registry-api>

Key Points

- An NHS organisation must **commission you** to begin INT environment testing
- Your product/version must be **accredited via DOS** before entering INT
- Once the **Connection Agreement is signed**, you're ready to be commissioned
- **INT testing is part of Trust onboarding**, and they cannot complete onboarding until INT has been signed off.
- **Wider testing (e.g. smoke testing, workflows)** sits with the Trust onboarding process, not supplier onboarding and is not mandated as part of NIR API onboarding.

Where do I start?

- **Check your technical configuration:** Onboarding timelines in 2026/27 depend on the endpoint your company can support (XCA vs. MHD/S). XCA is available for onboarding and deployment now. We're currently running an MHD/S Discovery workshop.
- **Define your connection strategy:** Depending on your customer needs, in collaboration you will choose between a direct system-to-system connection or a shared gateway. The NIR product team can help you determine the best approach for your specific technical configuration, strategic roadmap and the clinical needs of your customers.
- **Who funds integrations?:** EUOs (as data controllers) must secure local governance, support the domain routing and whitelisting, and secure DDC funding to cover supplier costs. If you would like further guidance on that approach, reach out to the NIR team and we'll guide you.
- **Low governance effort to onboard:** Local company IG, clinical safety and technical conformance of the product version is necessary to connect. EUO governance assurance is not the responsibility of the supplier.

Will I be updated on connections as they go live?



Yes. The NIR team will be publishing suppliers that have undergone technical conformance and live EUO services on our public webpages.

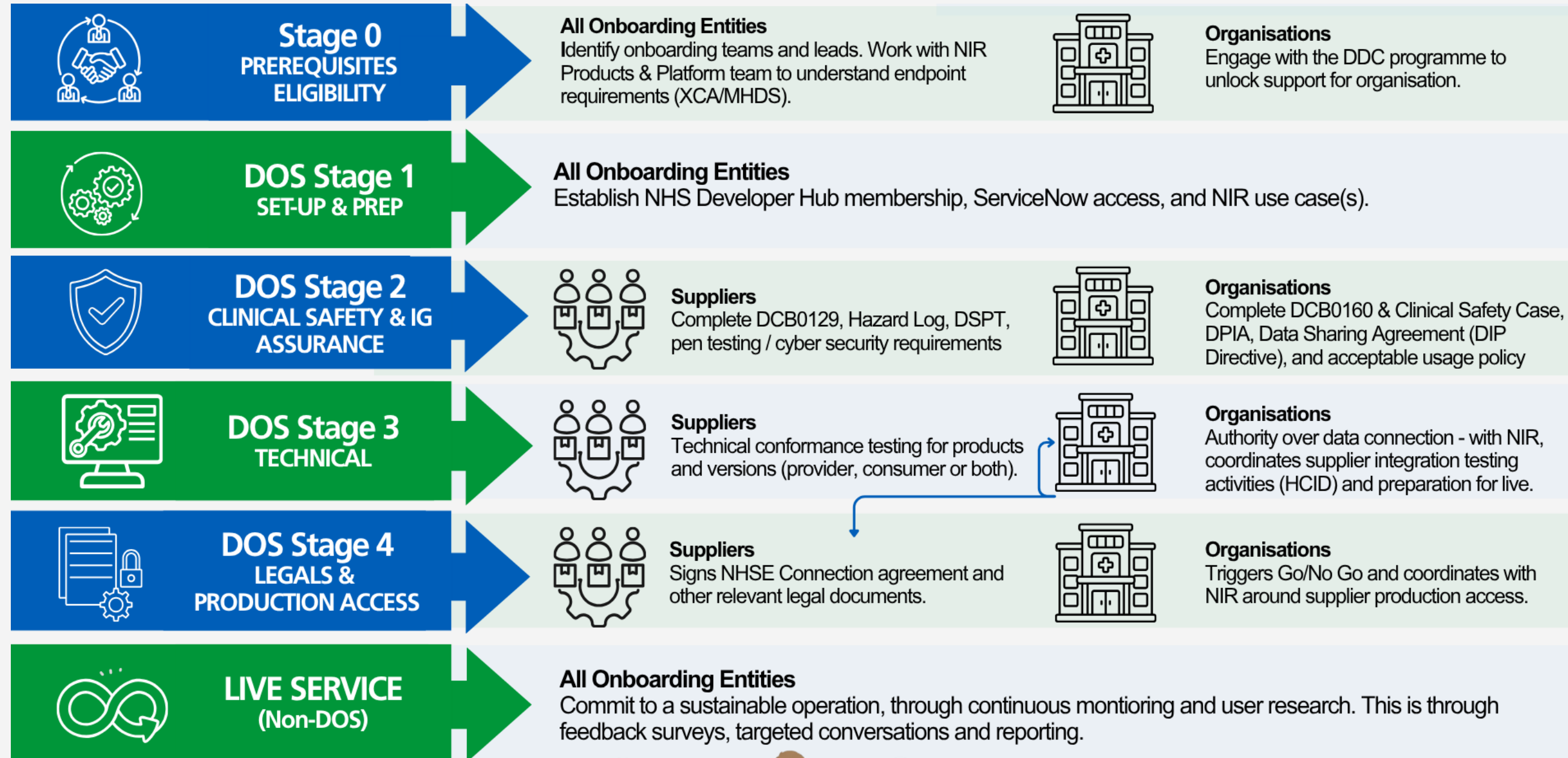
Where can I ask questions?



Lots of places! We have an XCA Drop-In session every two weeks, and the NHSE Developer Community. To get involved, raise a ticket with ServiceNow or email NIR at england.nirdelivery@nhs.net

The next slide walks you through the onboarding stage model

Onboarding Stage Model

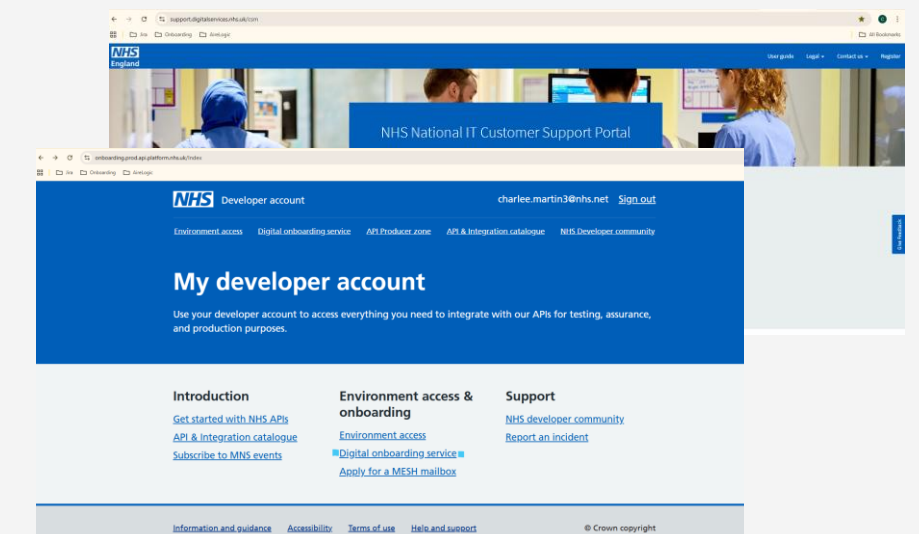


Suppliers
 Technical conformance and integration testing. Signs NHSE connection agreement. Will use DOS for each product and version.

Organisations
 Data Controller, authority over connections, and operational authority. In the vast majority of cases, only completes digital onboarding once

NIR service onboarding is designed to be simple, clear and easy to follow.

It's structured across six stages—two steps outside the Digital Onboarding Service, and four stages within it—bringing together supplier and organisational activities into a single, coordinated platform.



Get Registered!

Sign up for the developer and integration hub for DOS access: <https://digital.nhs.uk/developer>

Sign up for the National IT Service Desk: <https://www.support.digitalservices.nhs.uk/csm>
 *If you have a nhs.net email, you can login to the National IT Service Desk with your NHSmail email address without registering



Stage 0 PREREQUISITES ELIGIBILITY

All Onboarding Entities
Identify onboarding teams and leads. Work with NIR Products & Platform team to understand endpoint requirements (XCAMHDS).



Organisations
Engage with the DDC programme to unlock support for organisation.



DOS Stage 1 SET-UP & PREP

All Onboarding Entities
Establish NHS Developer Hub membership, ServiceNow access, and NIR use case(s).



DOS Stage 2 CLINICAL SAFETY & IG ASSURANCE



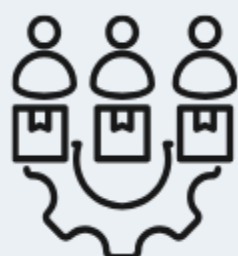
Suppliers
Complete DCB0129, Hazard Log, DSPT, pen testing / cyber security requirements



Organisations
Complete DCB0160 & Clinical Safety Case, DPIA, Data Sharing Agreement (DIP Directive), and acceptable usage policy



DOS Stage 3 TECHNICAL



Suppliers
Technical conformance testing for products and versions (provider, consumer or both).



Organisations
Authority over data connection - with NIR, coordinates supplier integration testing activities (HCID) and preparation for live.



DOS Stage 4 LEGALS & PRODUCTION ACCESS



Suppliers
Signs NHSE Connection agreement and other relevant legal documents.



Organisations
Triggers Go/No Go and coordinates with NIR around supplier production access.



LIVE SERVICE (Non-DOS)

All Onboarding Entities
Commit to a sustainable operation, through continuous monitoring and user research. This is through feedback surveys, targeted conversations and reporting.

Suppliers
Technical conformance and integration testing. Signs NHSE connection agreement. Will use DOS for each product and version.



Organisations
Data Controller, authority over connections, and operational authority. In the vast majority of cases, only completes digital onboarding once

Ways we support onboarding

What You Get with NIR Onboarding

- Dedicated support from an Implementation Specialist & Engagement Lead (ISEL) and User Researcher (UR) throughout
- Direct access to technical teams via your ISEL to quickly resolve queries and issues

Tools & Guidance

- Dedicated Slack Channel for your company to communicate directly with the NIR Product Team (the ISEL will set up once you begin onboarding).
- Ready-to-use templates and governance support for you and your customers
- Access to NIR technical guidance and sandbox (via the NIR API webpage)
- Public-facing information governance (IG) resources
- Clinical safety (DCB) documentation to support assurance

Resources

- Digital onboarding portal with all supporting materials in one place

Additional Support from the Digital Diagnostics Capability (DDC) Programme

- Clear view of the national diagnostics vision
- Help for Trusts/EUO to unblock assurance and enable INT environment testing
- Involvement in strategic connection discussions to strengthen your data flows

Key Links and Resources

Learn more about NIR:

- [About NIR](#)
- [Roadmap](#) (future direction and timelines)

Technical Integration

- [NIR API](#) (NIR Sandbox is available)

Governance and Assurance

- [Governance](#) (IG and clinical safety documentation)
- [Privacy Notice](#)

Get Involved!

- [Developer Community](#) (register for updates, support, and discussions)
Registration is open to all and can be completed with any email address.

Further information, email:

england.nirderlivery@nhs.net.

Using the Slack Channel

A dedicated Slack channel to support your onboarding journey — from technical conformance to INT and go-live.

Using Your Slack Channel

- Use your channel to **ask questions directly to the NIR team** during onboarding and integration
- You'll have **direct access to NIR developers**, giving you faster support and early input

When to Use Slack

Check the **Webpages and Developer Community first** for guidance and common answers

Use Slack for:

- Questions specific to **your implementation**
- Anything **commercially sensitive**
- Clarifications where you need a quick response

Stay Updated

NIR team will share **important updates in your channel**, including:

- Release notes
- Key announcements
- Changes that may affect your integration

Triggering Technical Conformance Review

Once you've completed your technical conformance responses:

- Go to the **Onboarding tab** in your Slack channel
- Select **“Ready for Technical Conformance Review”**

This triggers a workflow to the NIR team to **review and prioritise your submission**

To get set up your company's Slack channel during onboarding, email england.nirdelivery@nhs.net.



Digital Onboarding Service

What is the Digital Onboarding Service?

- The Digital Onboarding Service (DOS) is the structured, digital way that the NIR product team validates your ability to use the NIR API Service.

Benefits

This service helps suppliers to validate their product's compliance and does the groundwork for future integrations with minimal rework.

Benefits to suppliers

- ✓ enables quicker, simpler onboarding for NHS APIs
- ✓ complete your application online, with clear guidance and feedback
- ✓ part of a central compliance process that aligns with NHS standards
- ✓ scalable and future-proof, supporting multiple APIs and evolving NHS digital services

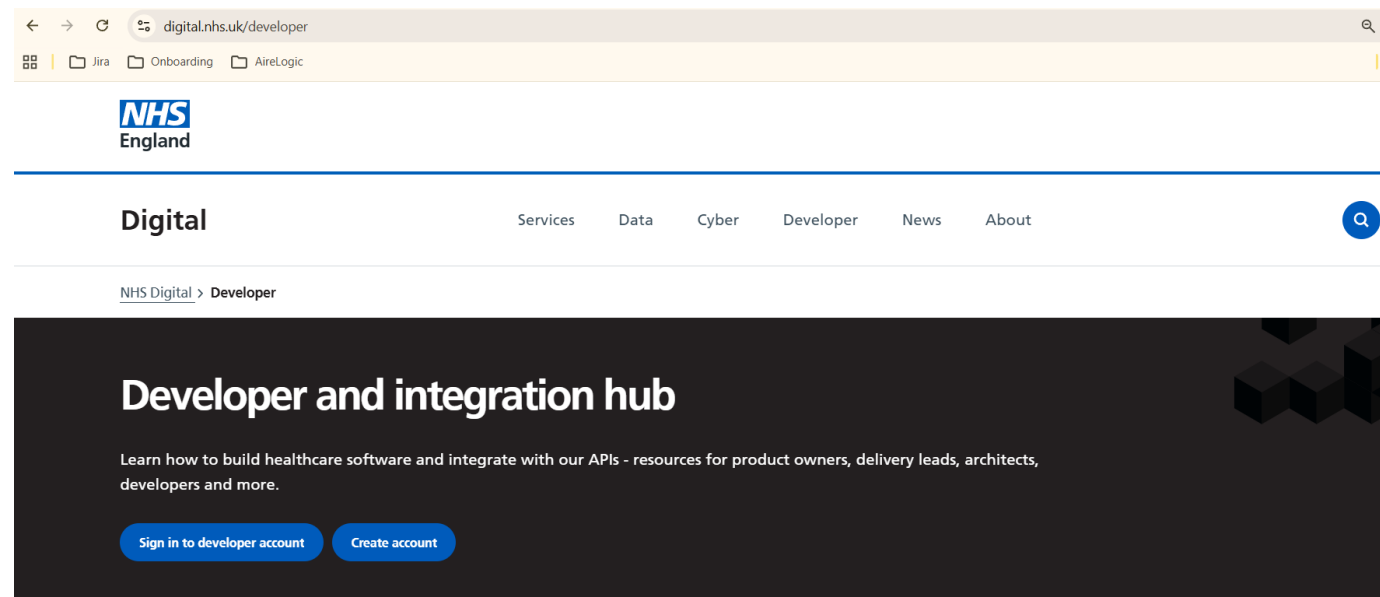
- **Find out more about the digital onboarding service (DOS) here:** <https://digital.nhs.uk/services/digital-onboarding-service>

The next slides guide you through registering for the Digital Onboarding Service

Create a Developer Account

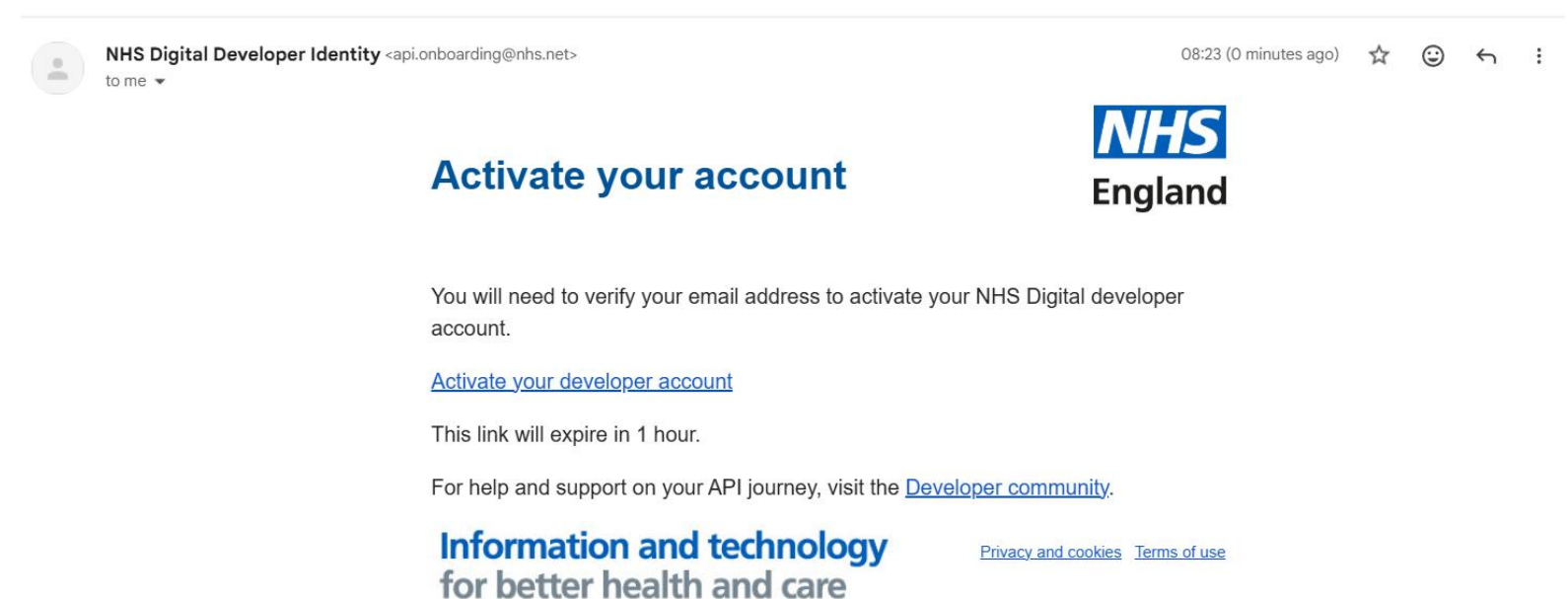
To use the DOS, you'll need a Developer Account.

1. Navigate to the **Developer and integration hub**: <https://digital.nhs.uk/developer>



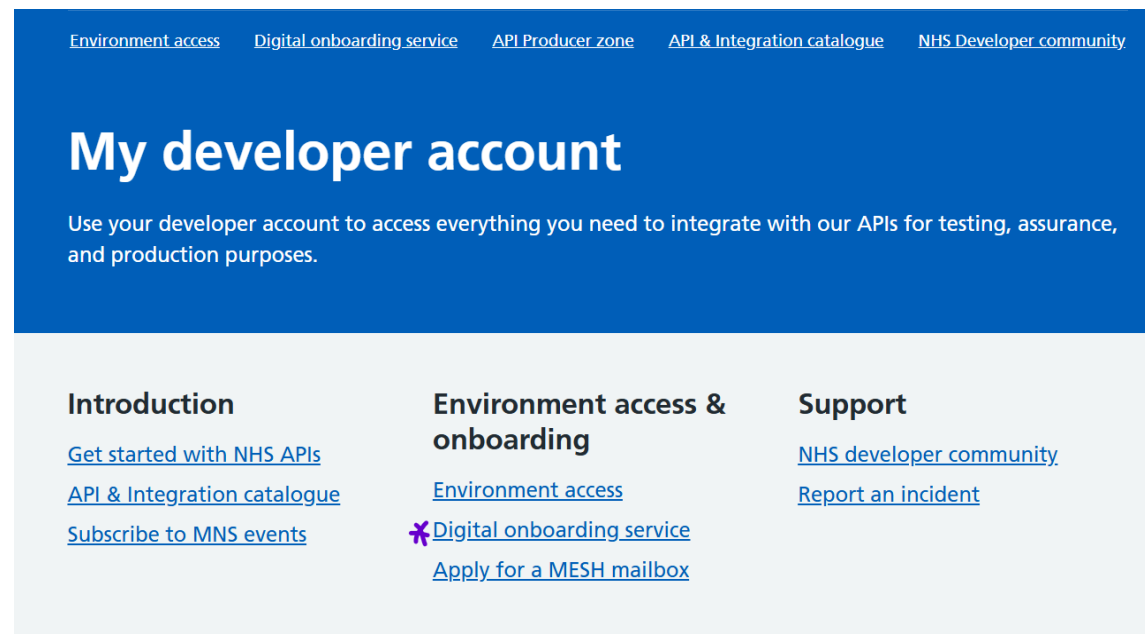
2. Select **Create account**
3. Add your **First name, Last name, Email address**. Create a 12-character password and confirm it.
4. Click **Create**.

5. Read and accept the **Terms of use** before proceeding. Click **Agree and continue**
6. An activation email will be sent to your account. **Click the link in the email**. It expires within 1 hour.
7. Click **Confirm**.
8. Log-in to access your developer account.

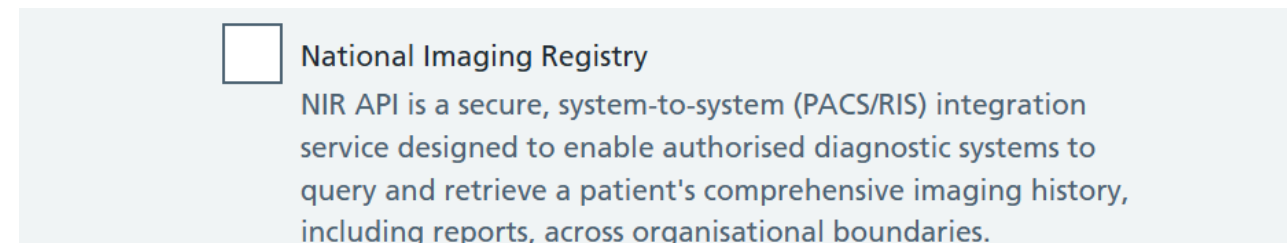


Navigate to Digital Onboarding Service

1. Under the **Environment access & onboarding** section, select **Digital onboarding service**



2. Enter your company name in **Your organisation**
3. Enter your product name under **Your product** (this can be changed later)
4. Select **National Imaging Registry** from the alphabetical list.



Access the DOS User Guides for more information

- **Getting Started:** <https://digital.nhs.uk/developer/assurance/digital-assurance-for-apis-and-services/user-guides/getting-started>
- **Manage your product and applications:** <https://digital.nhs.uk/developer/assurance/digital-assurance-for-apis-and-services/user-guides/manage-your-application>
- **Manage Products and API:** <https://digital.nhs.uk/developer/assurance/digital-assurance-for-apis-and-services/user-guides/manage-products-and-apis>
- **Manage Your Users:** <https://digital.nhs.uk/developer/assurance/digital-assurance-for-apis-and-services/user-guides/manage-your-users>

Completing the NHS England DOS Assurance Questions



NHS England DOS Assurance Questions

There are two key elements of the Digital Onboarding Service (DOS) that apply to all NHS England products:

Check Your Eligibility

- Completed at the start of your DOS journey
- This does not affect your product eligibility for NIR; however, some of the data may be useful for onboarding to other NHS England APIs, such as PDS Spine.

Approved Connection Agreement

- Completed at the end of your DOS journey to formally authorise your connection to NHS England NIR API.
- This step is essential and mandatory.

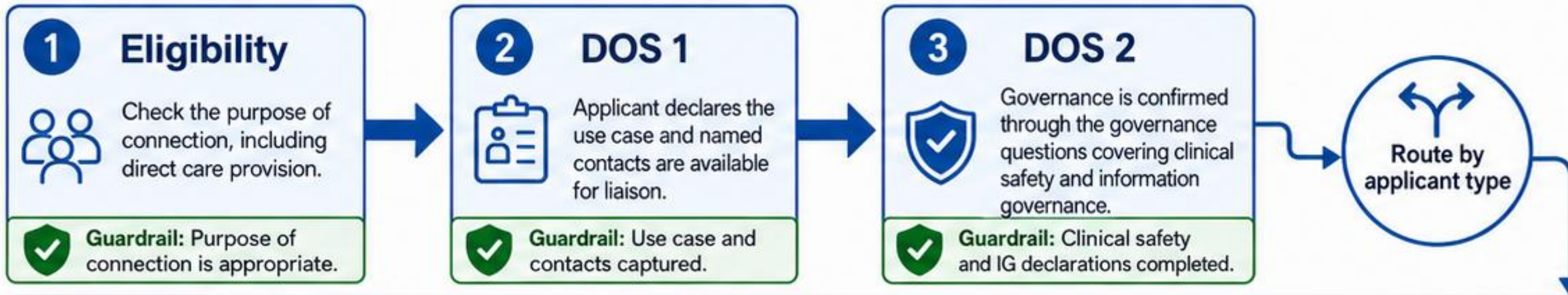
What This Section Covers

The following guidance will walk you through:

- How NIR onboarding supports safe NIR progression
- How to complete the eligibility checks
- How to complete approved connection agreement is used
- How the information is used

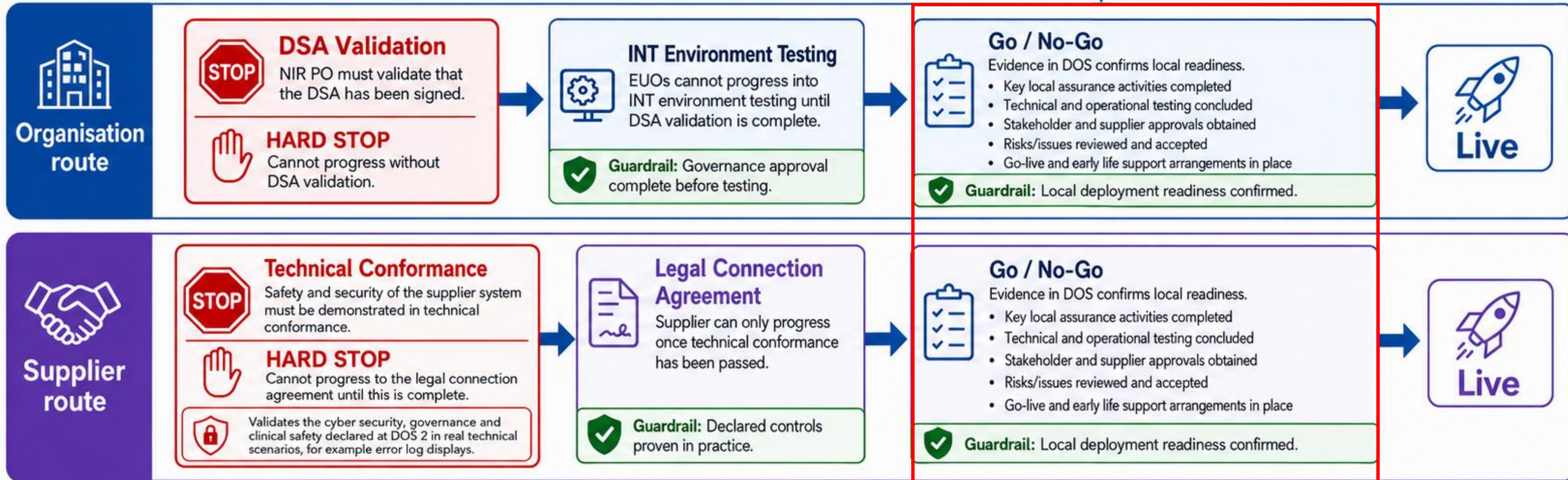
Digital Onboarding with Governance Guardrails

Each stage has a governance check before progression.



How NIR Onboarding Controls Safe Progression:

The onboarding process uses clear governance guardrails at each stage to confirm that organisations and suppliers are safe, secure and operationally ready before they can progress to the next step or connect to the NIR Service.



Standard stage



Governance guardrail



Hard stop (must be resolved before progression)



All stages require completion and governance approval before the next stage can be reached.

Instructions: Check your eligibility – Product Details

Important: Product Details are completed **before** your NIR API questions and is mandatory for all NHSE APIs – but your answers here will not affect your NIR eligibility assessment. Please follow the guidance below. **Note:** *If your answers are pre-populated from previous NHSE onboarding, you do not need to update them for NIR.*

Question(s)	Required action	NIR Assessment Impact
Q.1: Does your product have a version number? Q1.1: Provide the version number of your product	Select 'Yes' for Q.1, and enter your version number.	This information is also required as part of the NIR API questions, and the data entered there will be used for your Technical Conformance Certificate.
Q.2 – Q8. <i>These are questions related to your product's technical architecture and your planned integrations across the wider NHSE product ecosystem.</i>	Answer as appropriate.	These questions are not used for your NIR eligibility assessment and will be automatically approved.
Q.9: What is the use case for your product?	Enter 'N/A'.	You will need to complete a separate use case form and upload this within the NIR API questions of DOS. We require that your product aligns with the current use cases for the NIR Service.

Any questions, don't hesitate to email england.nirdelivery@nhs.net

Instructions: Check your eligibility – Org Details

Important: Organisation Details are completed **before** your NIR API questions and is mandatory for all NHSE APIs – but your answers here will not affect your NIR eligibility assessment. Please follow the guidance below. **Note:** *If your answers are pre-populated, you do not need to update them for NIR.*

Question(s)	Required action	NIR Assessment Impact
Q.1: What is the name of the supplier organisation that will be providing the product or service covered by this submission?	Answer as appropriate.	This information is also required as part of the NIR API questions, and the data entered there will be used for your Technical Conformance Certificate.
Q.2: Does the organisation named above have an Organisation Data Service (ODS) code?	Select 'Yes' and enter your ODS code that your company used for their DSPT assessment (you can search here).	This confirms that you have a valid DSPT assessment aligned to your organisation onboarding process.
Q.3: Is the ODS code of the organisation commissioning the product different to the above?	Select 'No'. Only enter your own details as they align to your last DSPT assessment.	Do not enter INT testing organisation details here; the onboarding process for EUO's are managed separately.
Q4: What is the name of the contact person responsible for submitting the onboarding details on behalf of the organisation?	Answer as appropriate.	Full contact details will be requested as part of Stage 1 of DOS.

Any questions, don't hesitate to email england.nirdelivery@nhs.net

Instructions: Approved connection agreement

Important: This section is completed **after** you have finished your DOS NIR API Assurance questions. This stage is essential to completing your onboarding process and establishing the legal connection between your company and NHS England.

Question(s)	Required action	NIR Assessment Impact
Please provide contact details including full name and email address of the legal signatory responsible for accepting the service terms and conditions within the Connection Agreement.	Enter the full name, role, and email address. A group email address is permitted.	The connection agreement is the legally binding agreement between NHS England and the company. If the company does not accept the terms and conditions of the agreement, they can not be commissioned by a healthcare organisation / End User Organisation (EUO) for their version to utilise the NIR.
Has the legal signatory responsible contact accepted the connection agreement?	Confirm internally with your company that the connection agreement has been accepted, and select Yes .	Once signed, the company can begin INT Environment testing with an EUO.

Any questions, don't hesitate to email england.nirdelivery@nhs.net

Completing the NIR API Assurance Questions



NIR Product DOS Assurance Questions

The NIR API assurance questions represents the accreditation process of your version to connect with the NIR.

They are used to:

- Assure your **product version** meets governance requirements
- Confirm **technical conformance** with NIR standards
- Enable you to proceed to signing the NHS England **legal connection agreement**

What This Section Covers

The following guidance will walk you through:

- How to complete the assurance questions
- The rationale for each question
- Key considerations to avoid delays

Stage 1: Setup and Preparation for NIR

This is the initial information capture. You can save and return later.

Question	Rationale	Key Considerations
<p>Are you onboarding as a Data Processor (Supplier) or a Data Controller (End User Organisation)?</p>	<p>Defines your legal and technical onboarding pathway.</p> <p>Typically, select 'Data Processor.'</p>	<ul style="list-style-type: none"> Processors (suppliers) follow technical build and system safety (DCB 0129); Controllers (healthcare EUOs) follow local IG and deployment safety (DCB 0160) You must select the same role across all stages—mismatches will lead to rejection If unsure, contact your ISEL
<p>The name of the company/manufacturer that owns the product.</p>	<p>Used on the Technical Conformance Certificate</p>	<ul style="list-style-type: none"> Use the legal company name Any mismatch may cause delays
<p>The name of the product and/or module integrating into NIR.</p>	<p>Used on the Technical Conformance Certificate.</p> <p>You may technically conform a module against the product line where the NIR integration sits (e.g., a separate Integration Engine). If that's the approach, the product, and the specific module should be listed.</p>	<ul style="list-style-type: none"> Include both product and module if applicable Be specific, as missing details may delay certification and the ability for an EUO to commission INT testing
<p>The version of the above product</p>	<p>Identifies the assured version for certification.</p>	<ul style="list-style-type: none"> Significant version number is required here. Patch versions do not require conformance.
<p>What is the name of the person uploading evidence (such as Technical Conformance) on behalf of the company/manufacturer?</p> <p>Name Role Email address</p>	<p>Primary contact for onboarding and assurance queries (particularly technical)</p>	<ul style="list-style-type: none"> Can include more than one contact if needed Must be able to respond to technical queries on the product.

Stage 1: Setup and Preparation for NIR

Question	Rationale	Key Considerations
<p>Please provide your company/manufacturer's primary onboarding contact (if different from the above):</p> <p>Name Role Email address.</p>	Ensures a clear point of contact for onboarding coordination and governance.	<ul style="list-style-type: none"> You may list a different contact for governance vs technical work Not mandatory, but a backup contact is recommended (e.g. for leave or availability)
<p>Provide your use-case(s) and main types of users who will benefit from your solution being integrated with the National Imaging Registry API.</p>	Helps to validate how your solution will be used and who benefits from the solution.	<ul style="list-style-type: none"> The use case form can be found here: NIR Use Case Submission Form - Supplier/Vendor – Fill in form Upload the Response Receipt to this question. You can also upload an additional use case within a zip file.
<p>Confirm you have registered appropriate contacts to enable access to the NHS National IT Customer Support Portal.</p>	Enables communication, incident tracking, and connection agreement management.	<ul style="list-style-type: none"> Access is required for tracking connection agreements, releases, and incidents via the National Service Desk Failure to register will delay your connection agreement
<p>Have key members of your team successfully registered as a member of the Developer Community?</p>	Ensures access to support, guidance and shared knowledge.	<ul style="list-style-type: none"> Use the Developer Community to ask questions and review existing answers Recommended for all relevant team members, both during and after onboarding

I've completed this section, what happens next?

- The NIR product team will be notified once you've completed this section and will review your responses for approval. You can begin completing the next section.
- If any clarification is needed, your nominated onboarding contact will be contacted first.
- If you experience issues with the DoS onboarding service, please raise them on the DoS Developer Community page: <https://developer.community.nhs.uk/c/digital-onboarding-service-dos/48>

Stage 2: Governance Assurance for NIR

These are the critical governance assurance questions. You can save and return later.

Question	Rationale	Key Considerations
<p>Provide your organisation's current DSPT status.</p>	<p>Verifies your organisation meets NHS cyber security requirements.</p>	<ul style="list-style-type: none"> • Must be “Standards Met” or “Standards Exceeded” for NIR • Required for NHS England integration and aligned to the Cyber Security Charter • Click Cyber Security Charter if you require further information.
<p>Provide the date your organisation’s DSPT status was published.</p>	<p>Ensures your DSPT status is current and valid.</p>	<ul style="list-style-type: none"> • Must be within the last 12 months • Older submissions will be subject to scrutiny and will delay approval
<p>When integrated with NIR does your product or service collect, store or process ‘personal data’ only in the UK?</p>	<p>Confirms how personal data is processed in line with GDPR requirements.</p>	<ul style="list-style-type: none"> • Selecting “No” will require additional scrutiny
<p>What are the details of the Clinical Safety Officer for your organisation?</p> <p>Name Email address Profession details Registration details</p>	<p>Ensures NHS England can contact the responsible clinical safety lead for assurance or incidents.</p>	<ul style="list-style-type: none"> • You may list more than one CSO • Provide complete and accurate details to avoid delays

Stage 2: Governance Assurance for NIR

Question	Rationale	Key Considerations
Is your Product/Service a medical device?	Determines the level of clinical risk and regulatory requirements.	<ul style="list-style-type: none"> Ensure classification aligns with regulatory definitions.
Confirm that your manufacturer and product are compliant with the requirements of DCB0129?	Confirms adherence to clinical risk management standards for health IT systems (DCB 0129)	<ul style="list-style-type: none"> Mandatory for manufacturers/developers Non-compliance will prevent progression
Do you have a hazard log in place (clinical risk analysis) with appropriate mitigations?	Demonstrates identification and mitigation of clinical risks.	<ul style="list-style-type: none"> Required as part of DCB0129 Must be up to date and include mitigations
Confirm that your clinical training materials have been updated to include the use of NIR	Ensures safe and correct use of NIR within your product.	<ul style="list-style-type: none"> Training materials must reflect NIR workflows and risks Required for DCB0129 compliance
Confirm that your company adheres to strict PKI controls for certificate management, and that you actively monitor renewals to prevent the immediate loss of access caused by expired or revoked certificates.	Ensures secure access and continuity of service.	<ul style="list-style-type: none"> Must have strong controls for certificate management Actively monitor renewals to avoid service disruption.

I've completed this section, what happens next?

- The NIR product team will be notified once you've completed this section and will review your responses for approval. You can begin completing the next section.
- If any clarification is needed, your nominated onboarding contact will be contacted first.
- If you experience issues with the DoS onboarding service, please raise them on the DoS Developer Community page: <https://developer.community.nhs.uk/c/digital-onboarding-service-dos/48>

Stage 3: Technical for NIR

This is the Technical Conformance section. You do not need an EUO to complete this stage.

Question	Rationale	Key Considerations
Confirm your connection type	<p>Defines how your system integrates with NIR and determines your onboarding pathway and requirements.</p> <p>Provider: Supplies imaging metadata/records to NIR, enabling wider NHS visibility of locally generated patient imaging history.</p> <p>Consumer: Queries and retrieves imaging data from NIR, allowing users to view imaging history from other NHS organisations.</p> <p>Both: Supports bidirectional integration—publishing local data and retrieving external records into local workflows.</p>	<ul style="list-style-type: none">• Your selected connection type determines the context of questions, number of questions, and evidence required.• Follow the supplementary information guidance carefully for your chosen pathway.• Ensure all uploaded evidence (e.g., PDFs, images, documents, ZIP files, etc.) matches the requirements• Selecting the wrong connection type will cause delays and will impact your Technical Conformance Certificate

If you have any questions during technical conformance:

- Post a message in your dedicated “nir-YourCompany” Slack channel
- If you don’t yet have a Slack channel, email england.nirdelivery@nhs.net

I’ve completed this section, what happens next?

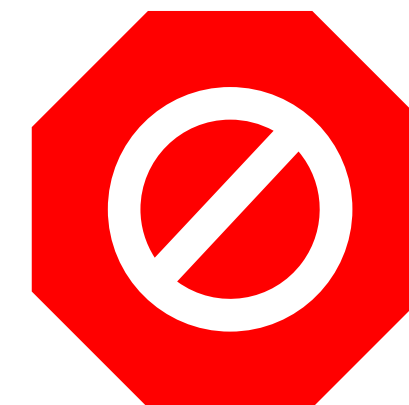
Once you’ve completed all your technical conformance responses:

- Submit the section for approval.
- Then, go to the **Onboarding** tab in your Slack channel
- Mark the checklist item “**Ready for Technical Conformance Review**”

This will notify the NIR dev team to prioritise approval of your submission.

If any clarification is needed, a message will be posted in Slack, or your nominated technical onboarding contact will be contacted via email.

Do not progress to the next stage until approved.



Stage 4: Legals and Production Access for NIR

Final checkpoint before your NIR API connection is approved.

Question	Rationale	Key Considerations
Confirm you understand that you will not be taken to INT Environment testing until an End User Organisation (EUO) has completed their governance assurance and provided their HCID. Therefore, signing the Connection Agreement does not lead to automatic production access.	Ensures you understand that progression to INT environment testing depends on an End User Organisation (EUO)/Healthcare Organisation (EUO) completing governance assurance. This acts as the final check before full DOS review.	<ul style="list-style-type: none">• You will not progress to INT testing without an EUO completing assurance and supplying an HCID• Signing the Connection Agreement does not grant automatic access to INT testing or production• Plan onboarding timelines with EUOs to avoid delays in their onboarding process• Your DOS submission will undergo final review after this confirmation

I've completed this section – what happens next?

You have now completed the **NIR API assurance** stage of DOS

- Complete the **Approved Connection Agreement** section in DoS onboarding
- The NIR product team will begin issuing your Connection Agreement, please sign this promptly to avoid delays



Still have questions?

Reach out to:

Charlee Martin

NIR Implementation Specialist and Engagement Lead (ISEL)

charlee.martin3@nhs.net

Abbreviations

Term	What it stands for
API	Application Programming Interface. It's a set of rules and protocols that allows different software applications to communicate and exchange data.
DOS	Digital Onboarding Service, the digital product enrolment service for NHSE products and platforms.
EUO	End User Organisation
FHIR	Fast Healthcare Interoperability Resources, the latest interoperability standard developed by HL7
HCO	Healthcare Organisation
HL7	Health Level Seven is the highest level of Open Systems Interconnection model.
INT Environment	Integration Environment. A dedicated software testing space.
MHDS	Mobile Health Document Sharing (MHDS). It is an IHE ITI profile that uses HL7 FHIR standard.
NIR	National Imaging Registry
PDS Spine	Personal Demographic Service (PDS) Spine
SOAP	Simple Object Access Protocol. This is used as the messaging protocol for transmitting healthcare data securely.
XCA	Cross-Community Access. This is an Integrating the Healthcare (IHE) IT Infrastructure (ITI) profile designed to support the query and retrieval of patient-relevant medical data