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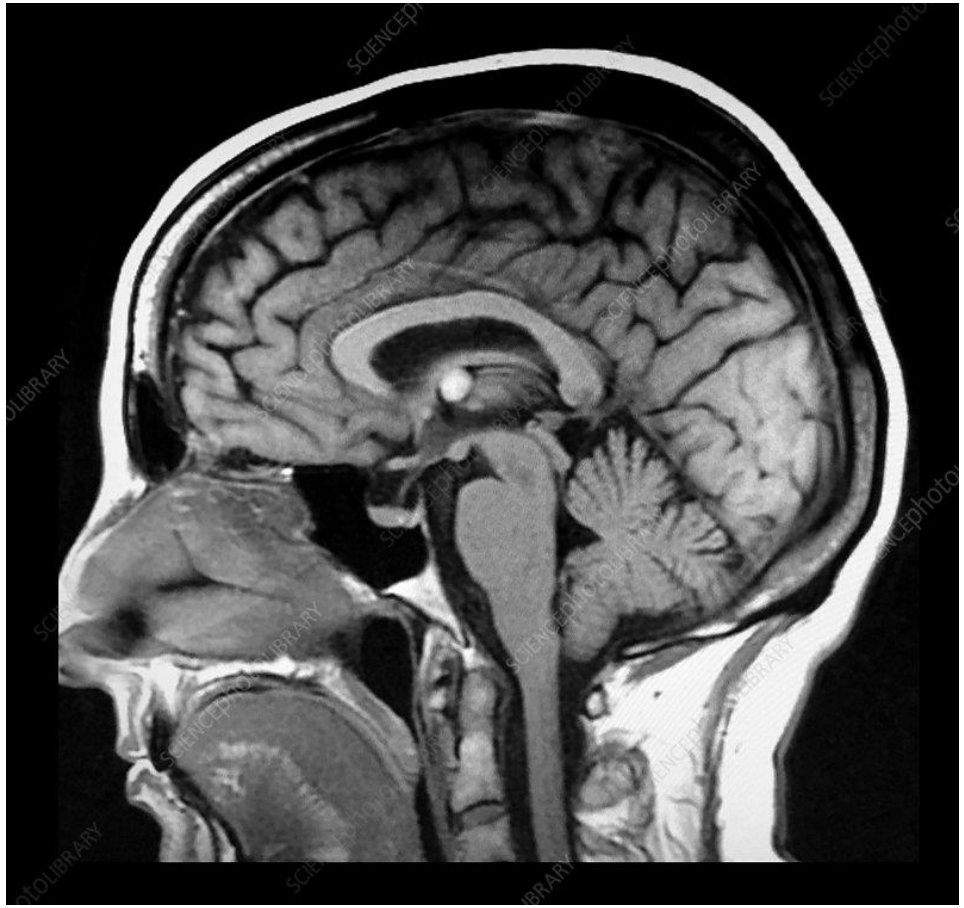
Sharing Diagnostic Information across boundaries

From Europe's largest diagnostic IT vendor

Presented by: Paul Cameron – Account Director

Date: 15 March 2022

Can anyone guess?



- Yes, it’s a head
- Yes, it’s a brain
- Benign Brain Tumor
- Colloid Cyst
- Aka ‘Liszt’!
- In case you hadn’t guessed, I have one

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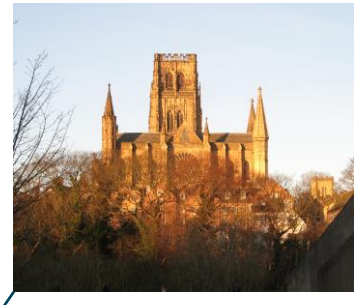
Places I’ve called home



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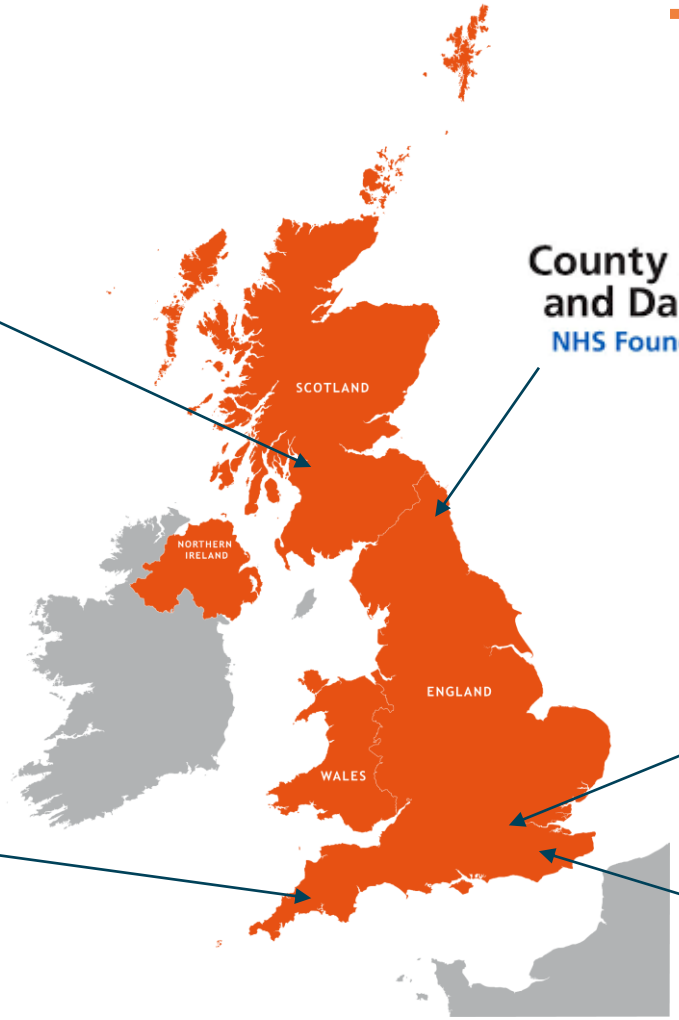
Lets look at this from a health perspective



NHS
Greater Glasgow and Clyde

NHS
County Durham and Darlington
NHS Foundation Trust

NHS
East London
NHS Foundation Trust

NHS
Royal Cornwall Hospitals
NHS Trust

NHS
East Kent Hospitals University
NHS Foundation Trust

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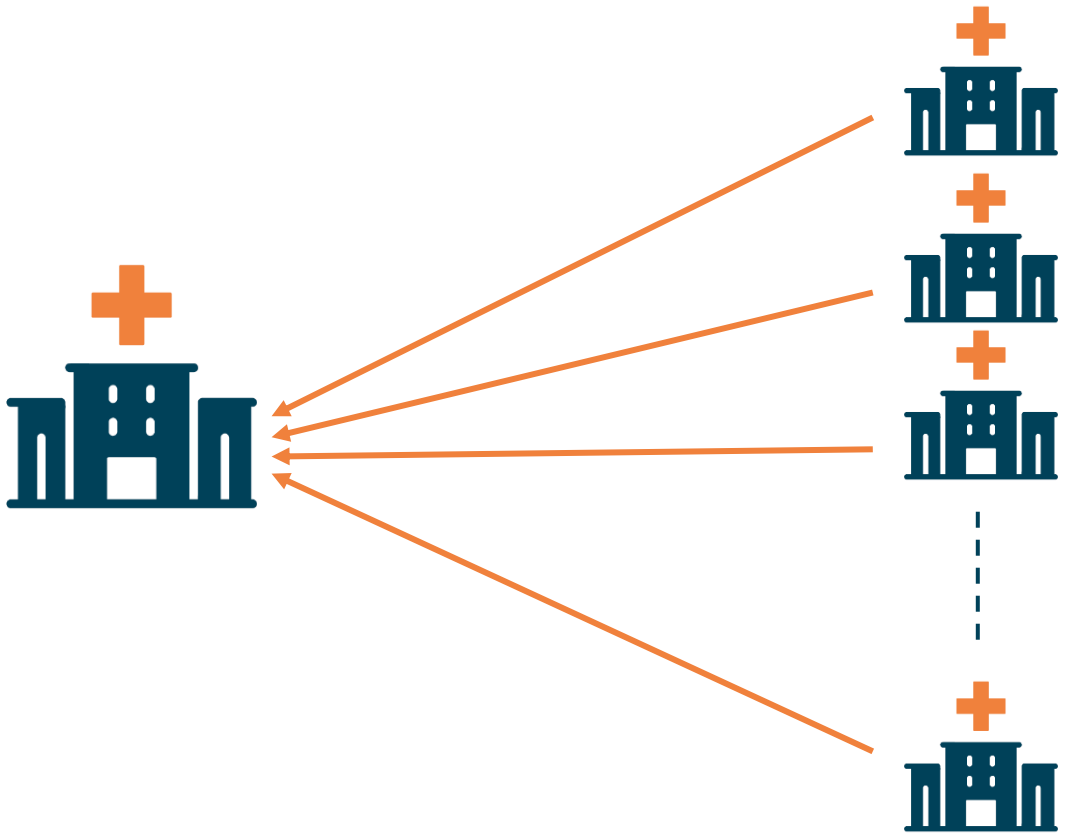
The right test, in right place, at right time, from anywhere

Imagine a world where any clinician, anywhere can access any diagnostic service and also to provide intelligence to automatically route samples to the most appropriate laboratory, depending on the test and current demand across the laboratory estate.

Imagine, all test results, radiology/pathology images and reports will be available to any clinician anywhere; the full picture of a patient's diagnostic history along with other key medical data are available irrespective of where the patient presents for treatment.

Imagine, a team of clinicians and specialists who are collaborating in the care of a patient can all access the same information, regardless of location; they can all see the complete diagnostic picture when diagnosing and planning treatment for a patient.

ICE Diagnostic Hub



- Aims to provide a greater view of a patients diagnostic care record by leveraging an updated OpenNet connection
- Designed to include all diagnostic areas, including Pathology, Radiology, Cardiology and Endoscopy
- Provision of ICE API enables the Diagnostic Hub to offer this holistic view of a patient to all ordering systems
- For ICE customers no upgrade is required to access hub

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ICE OCS - connecting diagnostics

ICE

Patient Pathways

Diagnostics

Published Services

- Enabling diagnostic consolidation
- Driving consistency of ordering
- Reduce administrative overhead

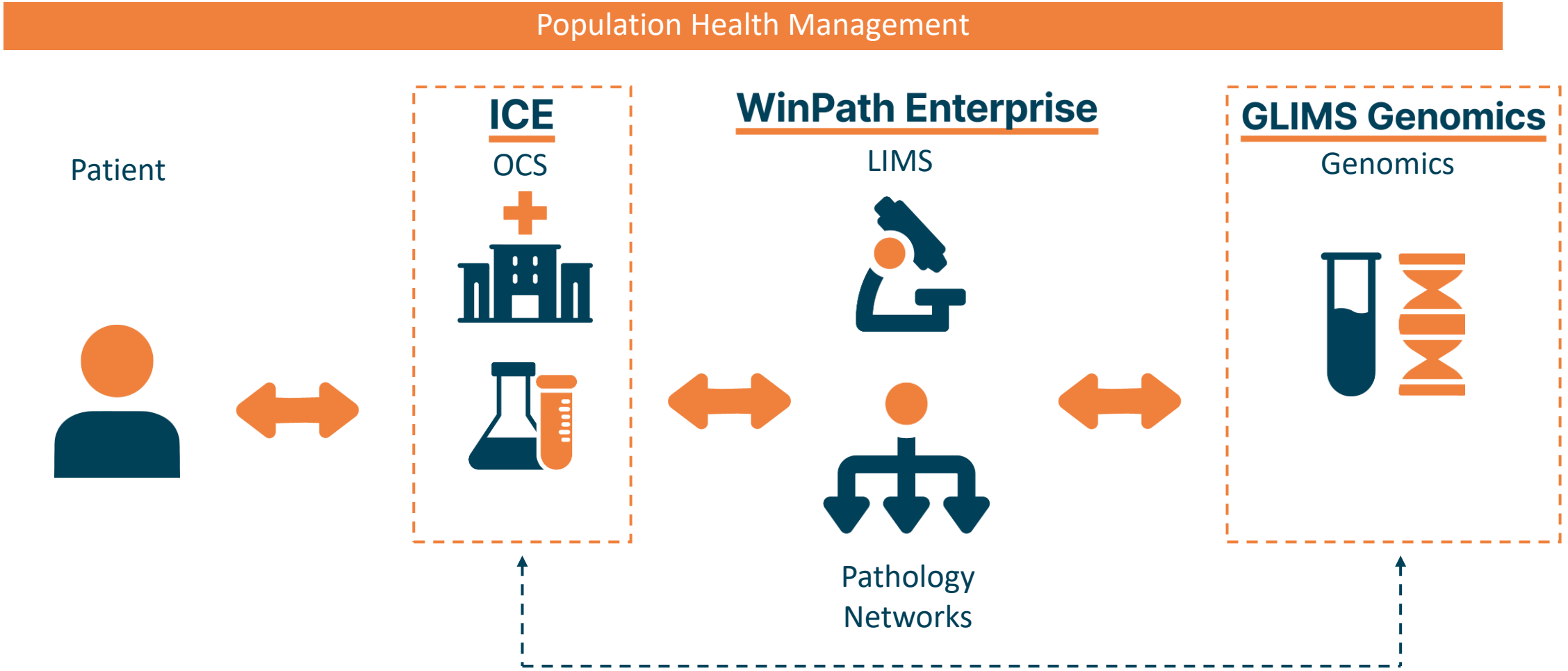
Diagnostic Hub

- Providing region-wide view of a patient
- Connecting to all ordering systems
- Light touch deployment

ICE Portal

- A solution for non-connected care settings
- Connected to a single or multiple ICE systems

End to end solutions for the entire diagnostic journey



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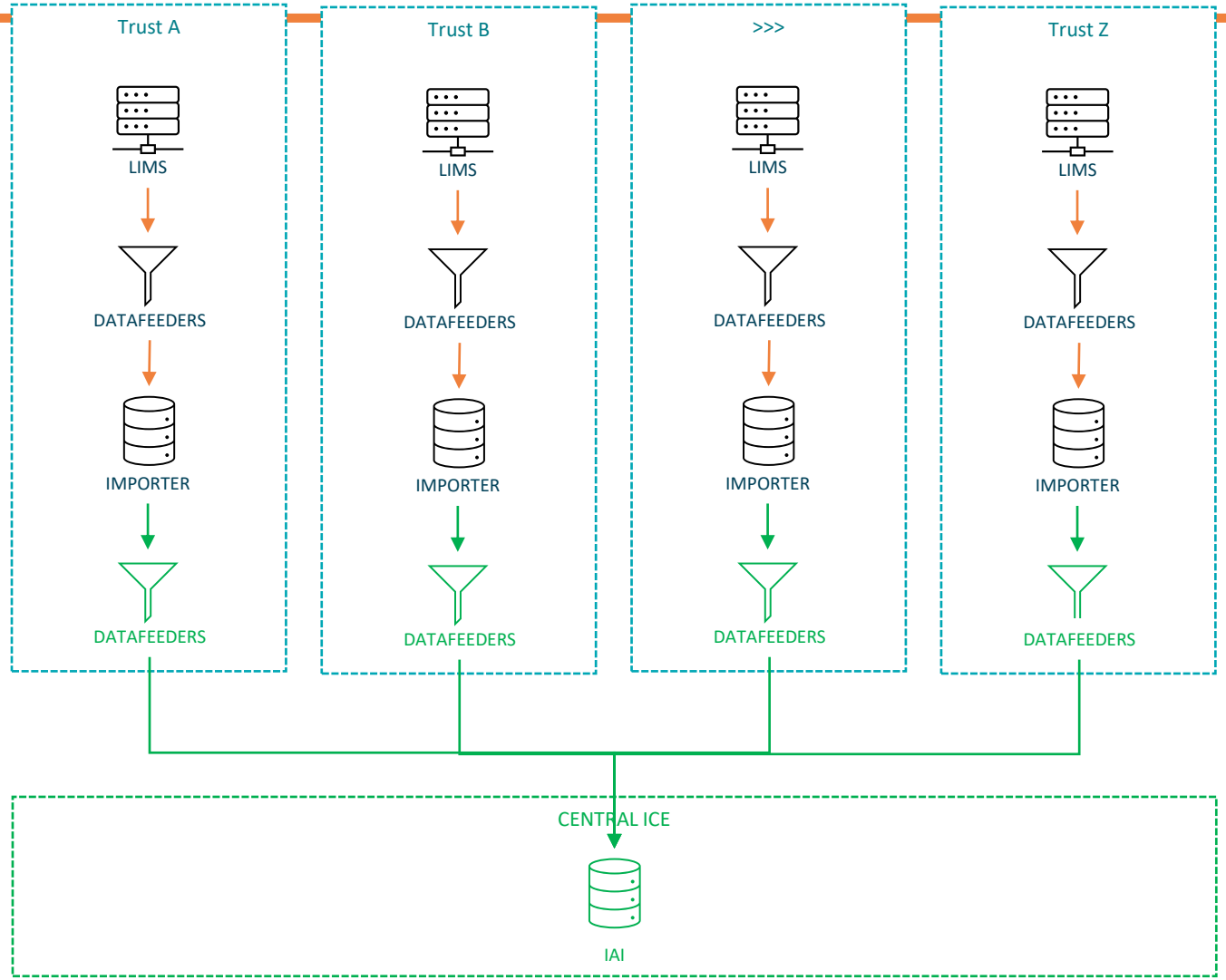
Diagnostic Hub - Result Processing



- All existing ICE sites in the region would have an additional step added to their existing result processing feeds
- Export will be controlled by configuration to help extend as required with minimal impact, e.g. future Radiology, Cardiology etc results
- Sending centrally will be in the same format for all sites to prevent the need for custom message specifications at each site

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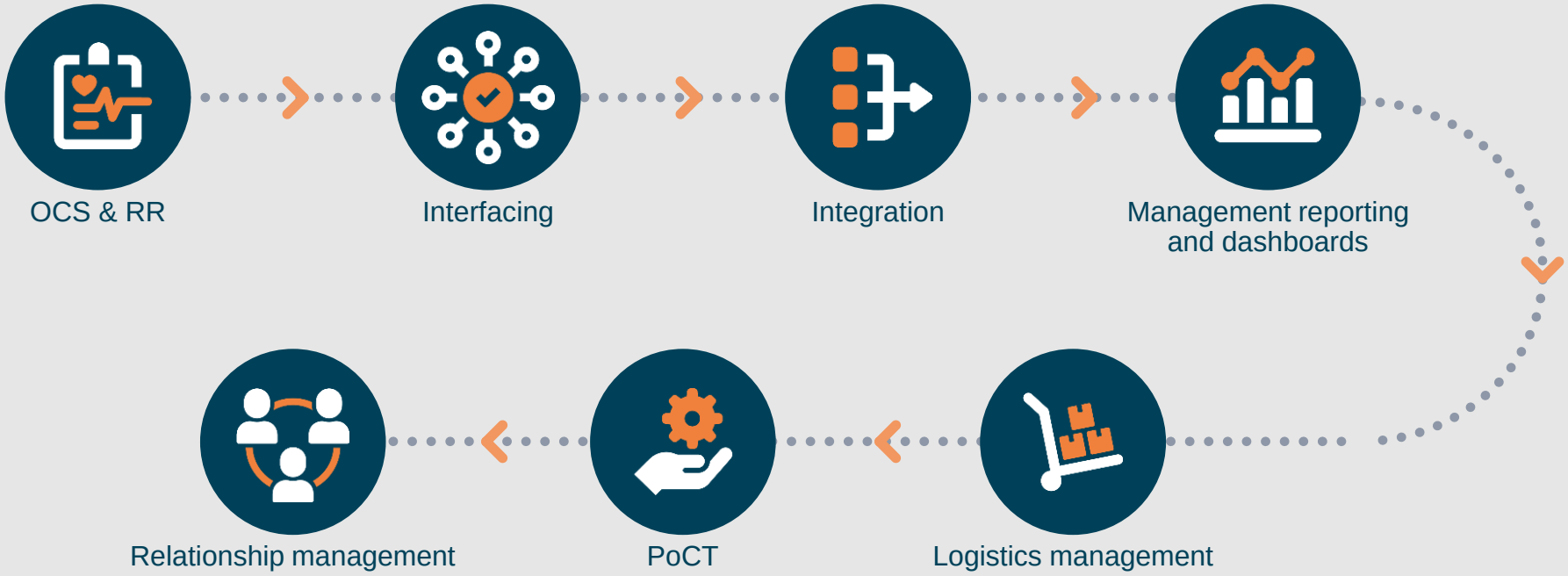
Informatics around the whole sample journey

CliniSys – an integrated solution

OCS & RR support for

- Pathology
- Radiology
- Cardiology
- Endoscopy
- other ‘ologies



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Case Study - Gateshead Health NHS Foundation Trust

“ICE OpenNet allows me to treat my patients more efficiently. It regularly saves patients unnecessary visits for blood tests as we can check for recent results regardless of where they were performed. Clinical teams save precious time – no longer needing to contact neighbouring providers for recent investigation results. This can avoid wasting appointments where the outcome can be determined by otherwise unavailable tests and avoids duplicate tests that may be inappropriate or even harmful to patients.

It would be really hard to live without this invaluable cross-site resource.”

Mr Paul O’Loughlin MBBS FRCS, Colorectal Consultant, Gateshead NHS Foundation Trust

ICE OpenNet

THE CHALLENGE

The need for a fully interoperable network to share comprehensive patient reports quickly and securely internally and between regional trusts and GPs across the North East.

THE OUTCOMES

With ICE OpenNet, clinicians are assured that complete patient laboratory data is being shared. NHS Trusts using ICE OpenNet can be confident they are providing patients with the highest quality patient-centric care.

CUSTOMER PROFILE

- 600 Hospital beds
- Pathology centre of excellence
- 4,200 staff
- Connecting 9 Trusts

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Find out more at booth A2

ICE

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GLIMS

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