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Cancer Outcomes and Services Dataset

Colorectal Clinical Leads Workshop
May 2012

Trish Stokes,

Datasets Programme Manager NCIN

NCRI National Cancer Research Institute

New Datasets - Chemotherapy

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- Systemic Anti Cancer Therapy (SACT)
  - From April 2012 – 2 year implementation
  - Cancer Chemotherapy
  - E prescribing/MDT systems
  - Adult and paediatric
  - Solid and haematology
  - Monthly submission
  - Clinical signoff

New Datasets - Imaging

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- Diagnostic Imaging Dataset (DID)
  - From April 2012
  - Access to diagnostic tests
  - All imaging on RIS
  - Monthly submission
  - Direct from RIS systems
  - No results

New Datasets - Pathology

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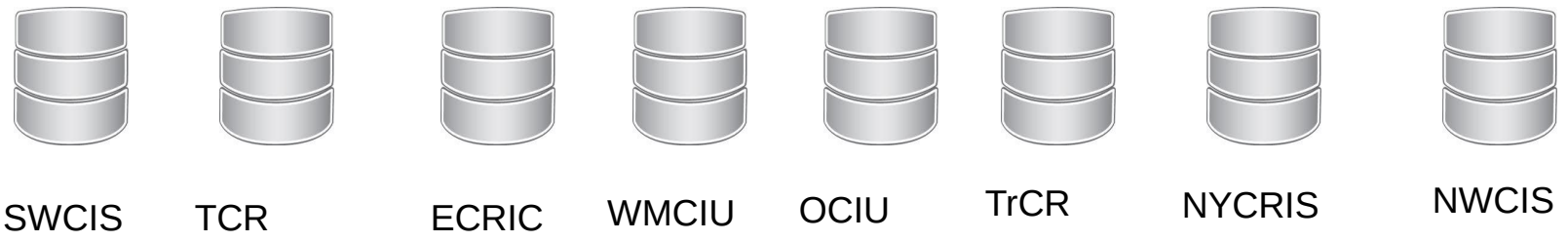
- RCPath Minimum Datasets
  - From 2011
  - Professional standards
  - Reaccreditation process
  - No submission
  - Free text reports

Other datasets

- Radiotherapy
  - website – provider activity
  - Cancer Registry – 'fact of radiotherapy'
  - Developing 'Treatment Summary Analytical Extract
- Cancer Waits
  - Revised dataset from July 2012
  - Aligned with COSD
  - ICD10 Edition 4 from April 2012
  - XML Submission from Autumn 2012

Cancer Registration Modernisation Programme

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- 1 Registration system
- 1 registry director
- Standardised processes



Cancer Outcomes and Services Dataset

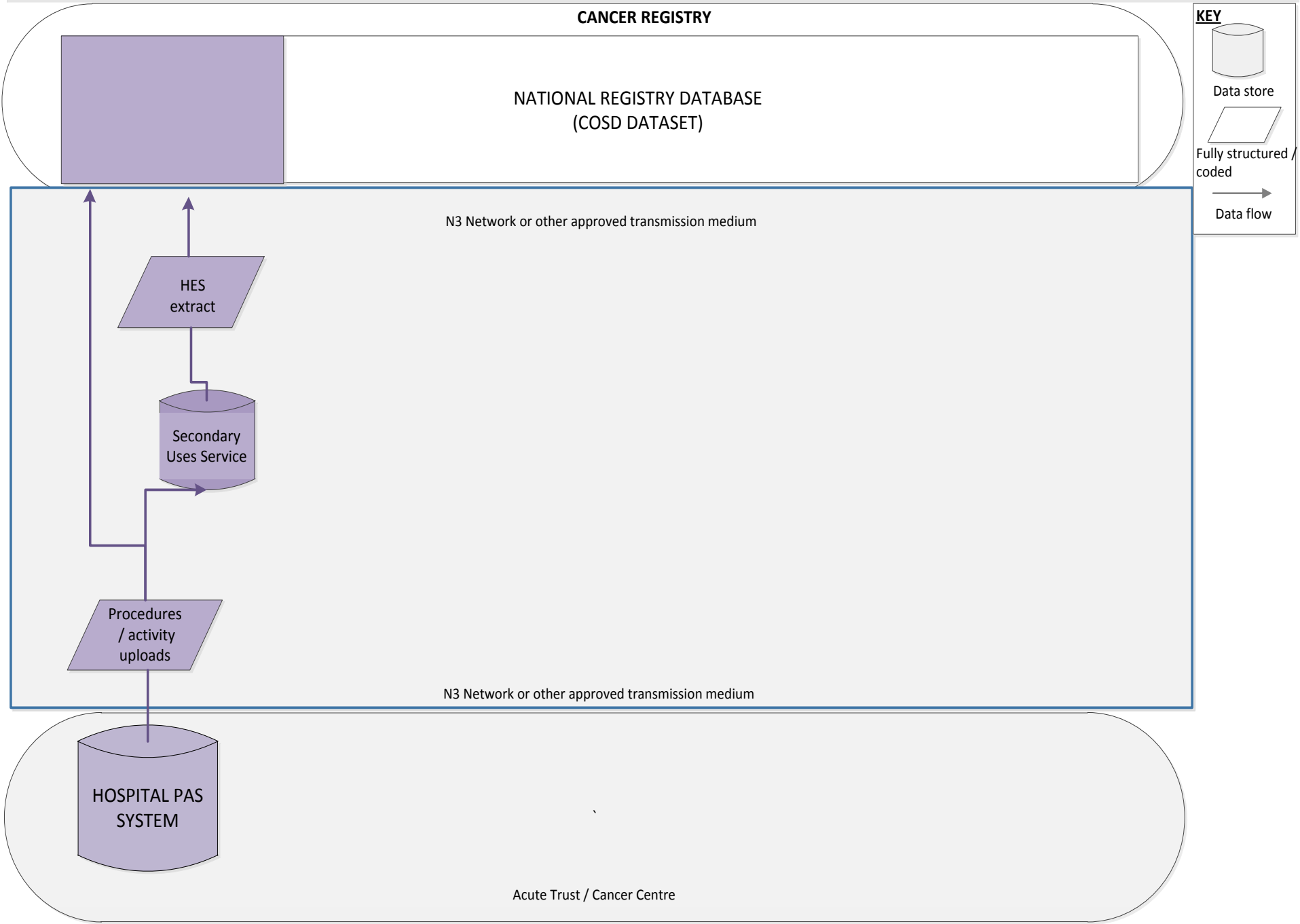
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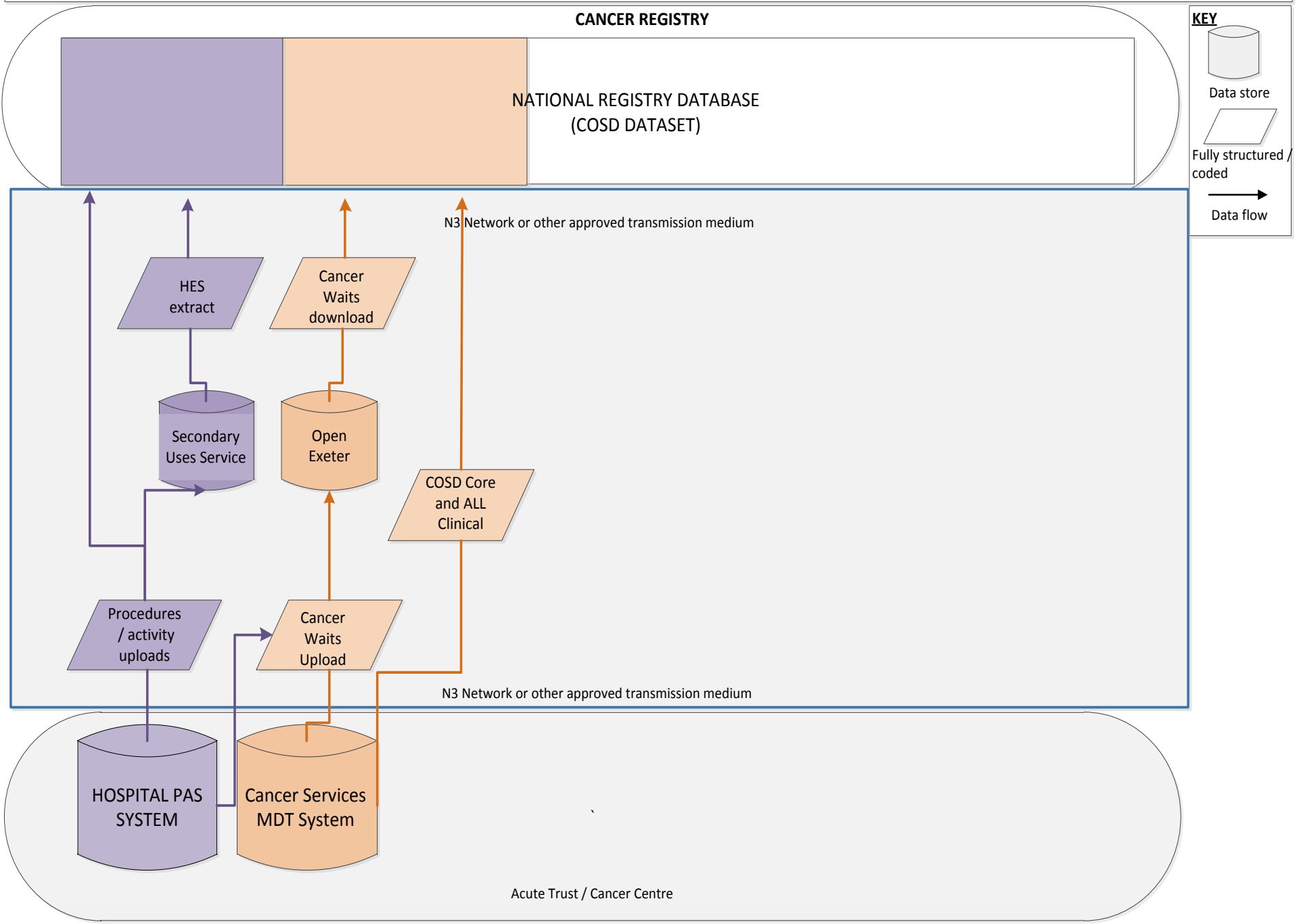
- The new national cancer dataset
  - Updated, aligned and standardised
  - Definition of items, codes and values
  - Sources (CWT,RTDS, SACT, Trust extracts)
  - How to send it (XML schema)
  - Compilation into a single dataset (cancer registration)
- The new Cancer Registration dataset – broader, deeper, longer
  - Compiled dataset (assembled by Registries)
  - Defines data for direct submission by Trusts
  - All registerable conditions (eg in situ MM, benign brain tumours)
  - Wider than CWT – patient pathway for all cases

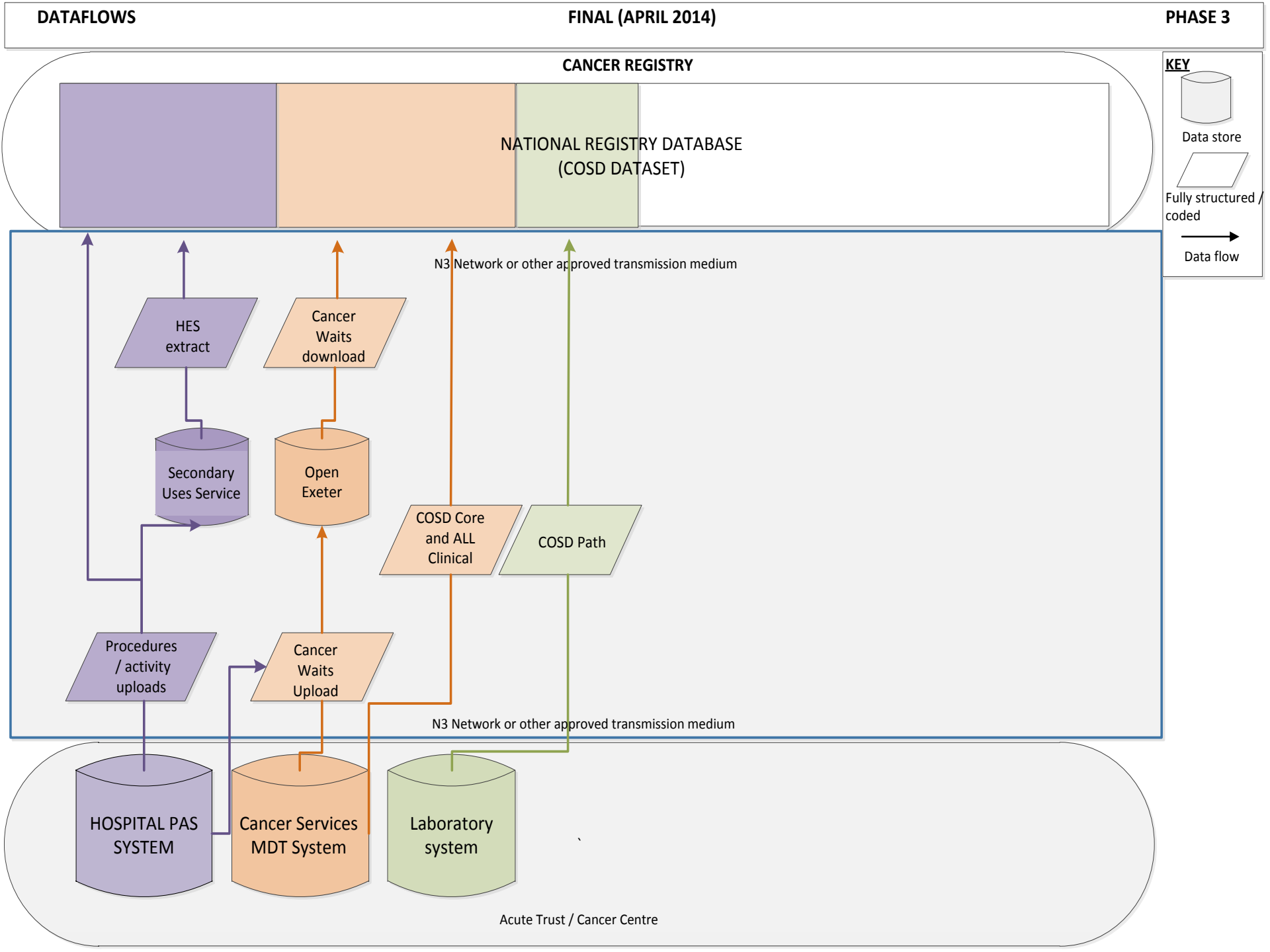
Features of COSD

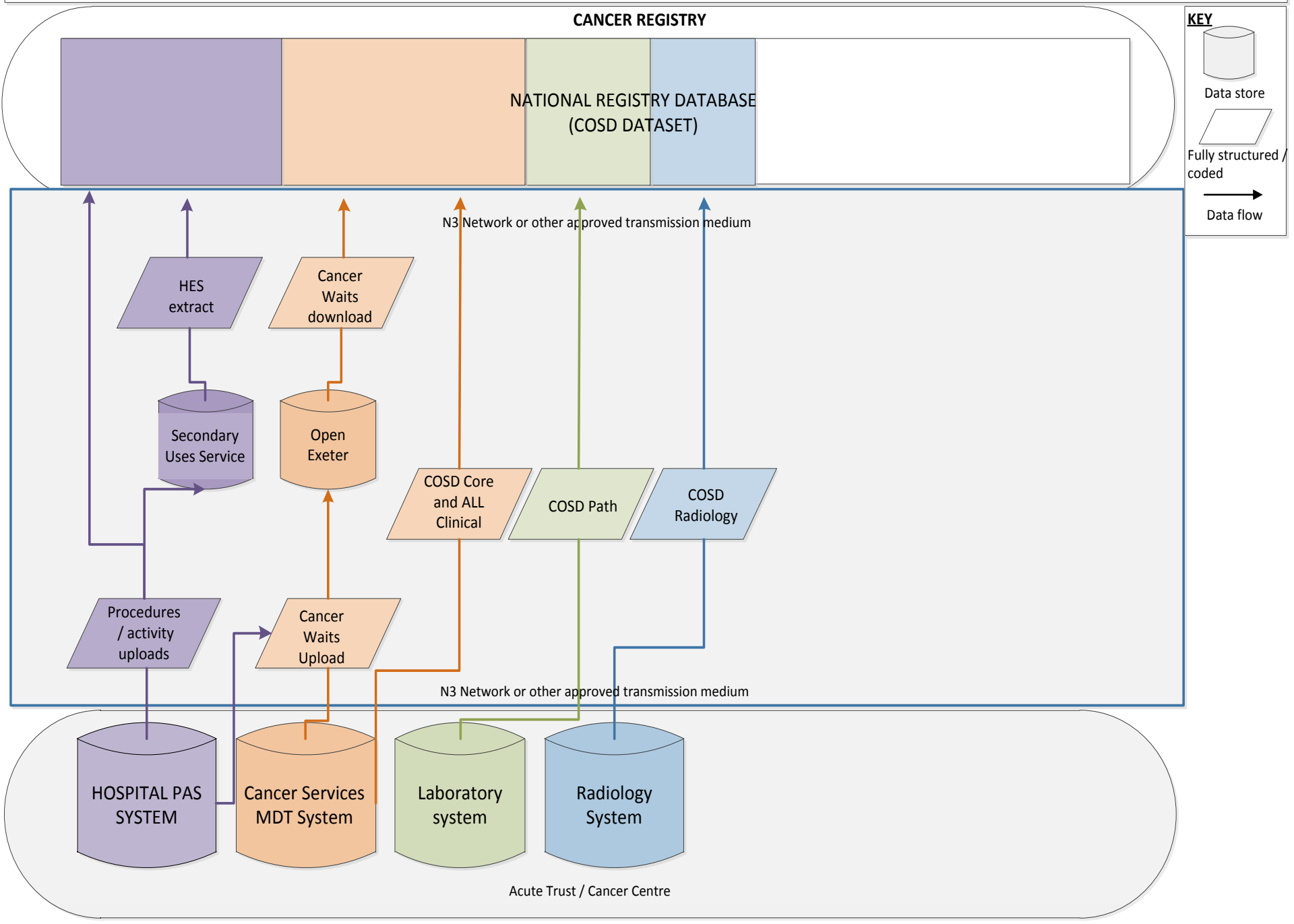
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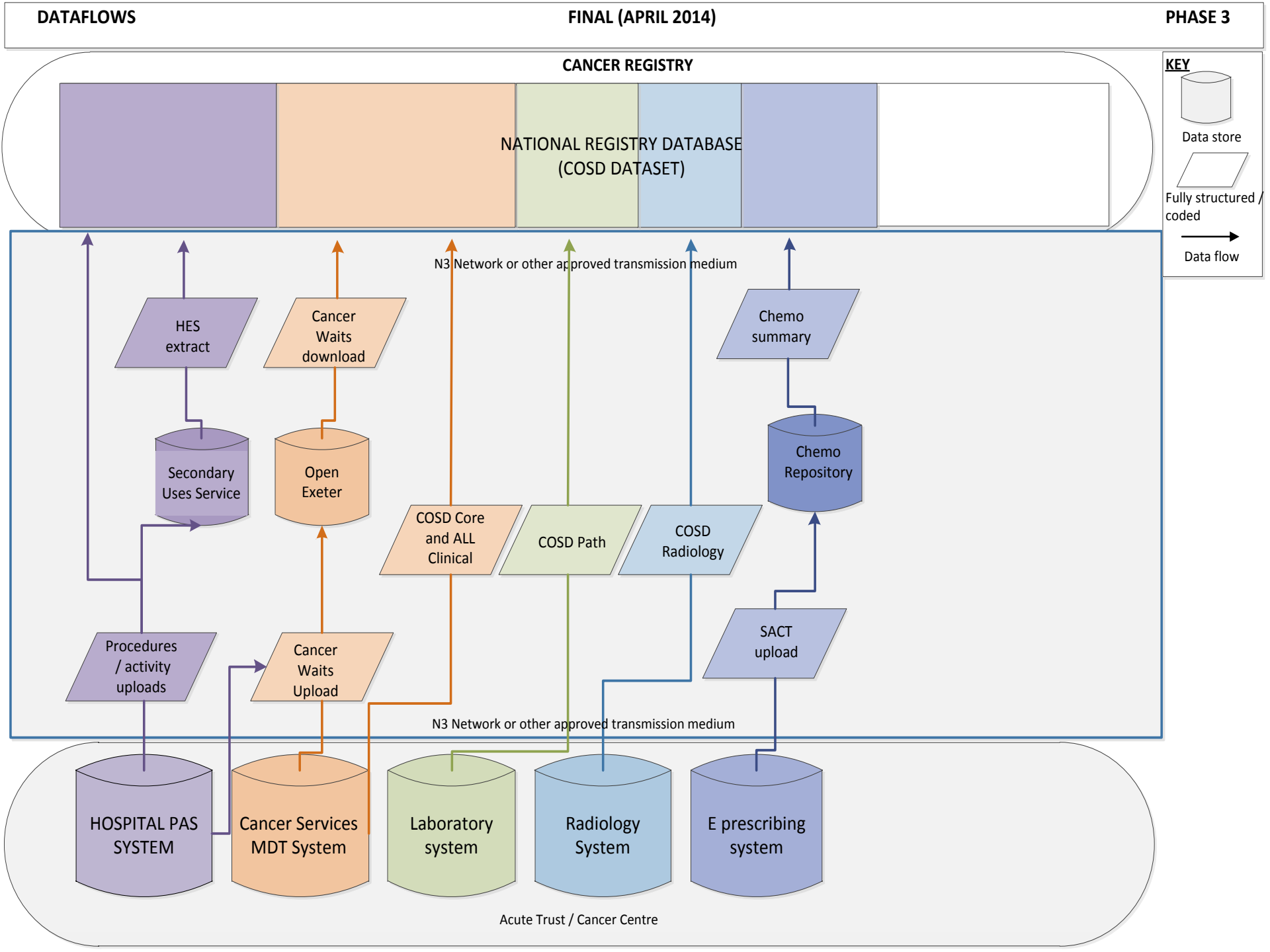
- Components
  - Core (Generic Registration and Cancer Waits)
  - Site specific - clinical (cf nat audit)
    - Colorectal- Imaging, synchronous tumours, BMI, Dukes, laparoscopy
  - Site specific - Key pathology (RCPath MDS)
- Monthly submission
  - Replaces current registry submission
  - Avoid duplication of other dataflows
  - Multiple sources - within and across Trusts
  - Via XML
- Monthly feedback
  - Standard reports for Trusts and Networks
  - Feedback to commissioners

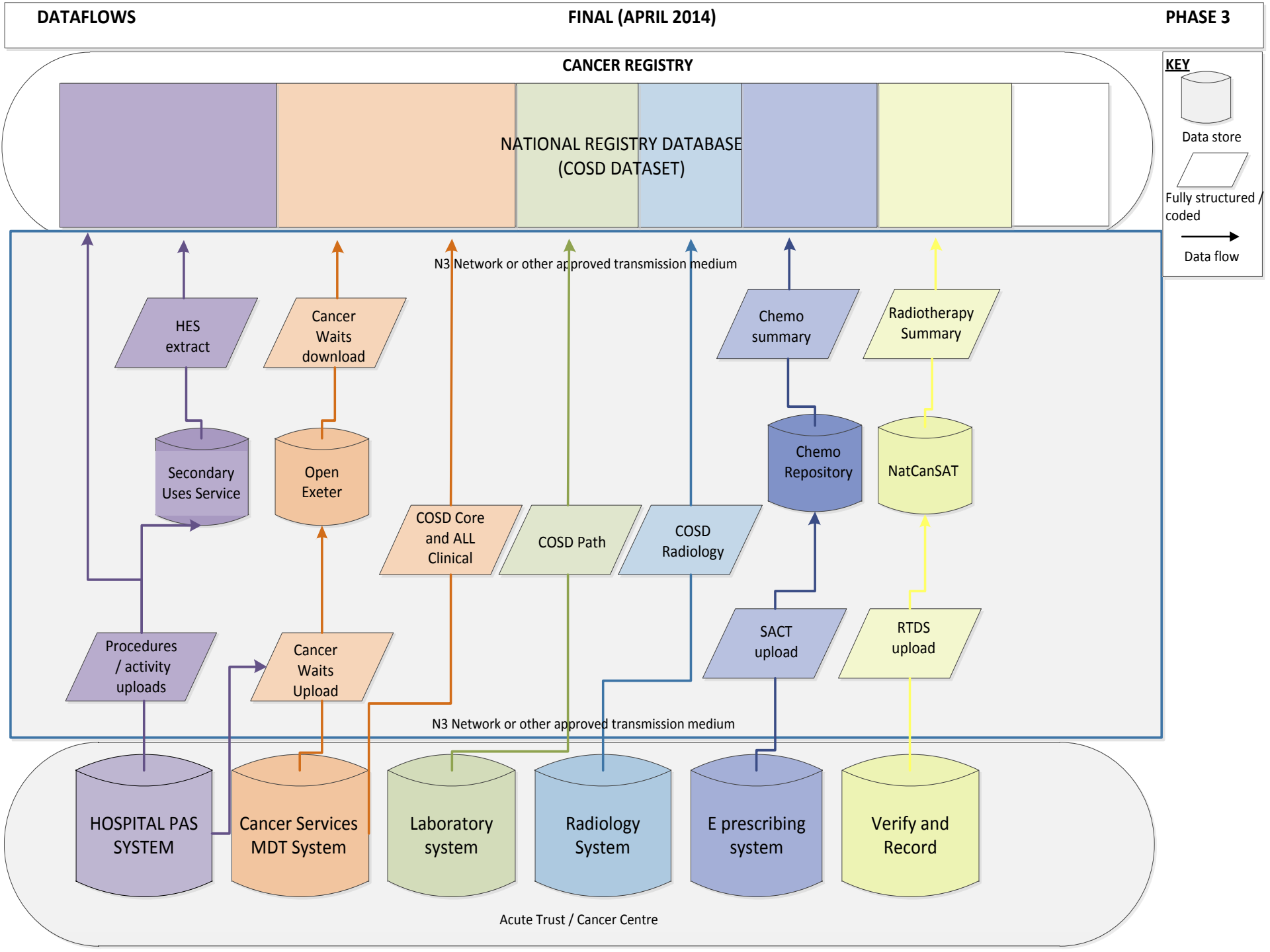

CANCER REGISTRY
NATIONAL REGISTRY DATABASE
(COSD DATASET)
KEY
Data store
Fully structured / coded
Data flow
N3 Network or other approved transmission medium
HES extract
Secondary Uses Service
Procedures / activity uploads
N3 Network or other approved transmission medium
HOSPITAL PAS SYSTEM
Acute Trust / Cancer Centre

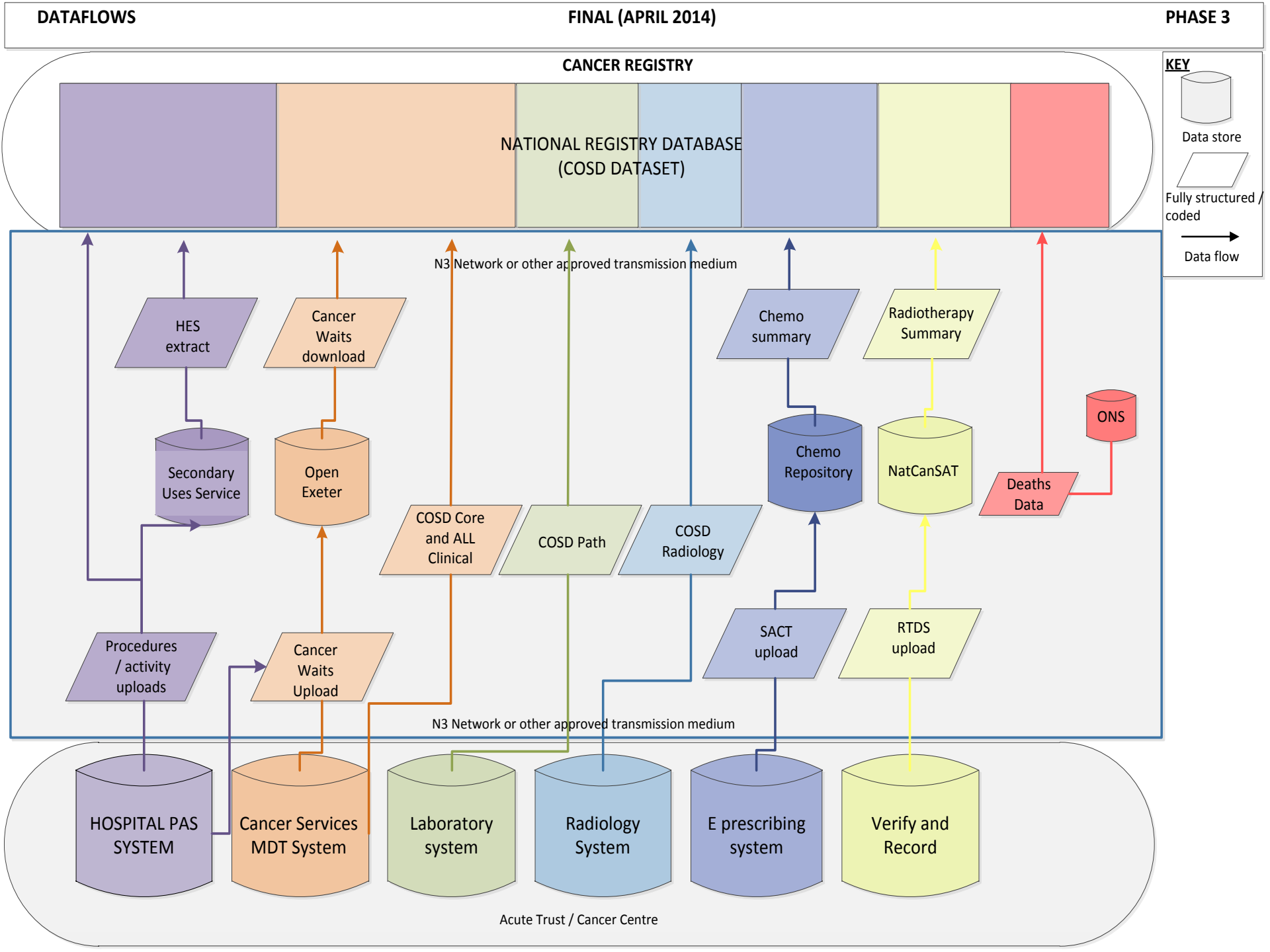

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HES extract
Cancer Waits download
Secondary Uses Service
Open Exeter
COSD Core and ALL Clinical
Procedures / activity uploads
Cancer Waits Upload
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HOSPITAL PAS SYSTEM
Cancer Services MDT System
Acute Trust / Cancer Centre


DATAFLOWS
FINAL (APRIL 2014)
PHASE 3
CANCER REGISTRY
NATIONAL REGISTRY DATABASE
(COSD DATASET)
KEY
Data store
Fully structured / coded
Data flow
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HES extract
Cancer Waits download
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COSD Path
Procedures / activity uploads
Cancer Waits Upload
N3 Network or other approved transmission medium
HOSPITAL PAS SYSTEM
Cancer Services MDT System
Laboratory system
Acute Trust / Cancer Centre

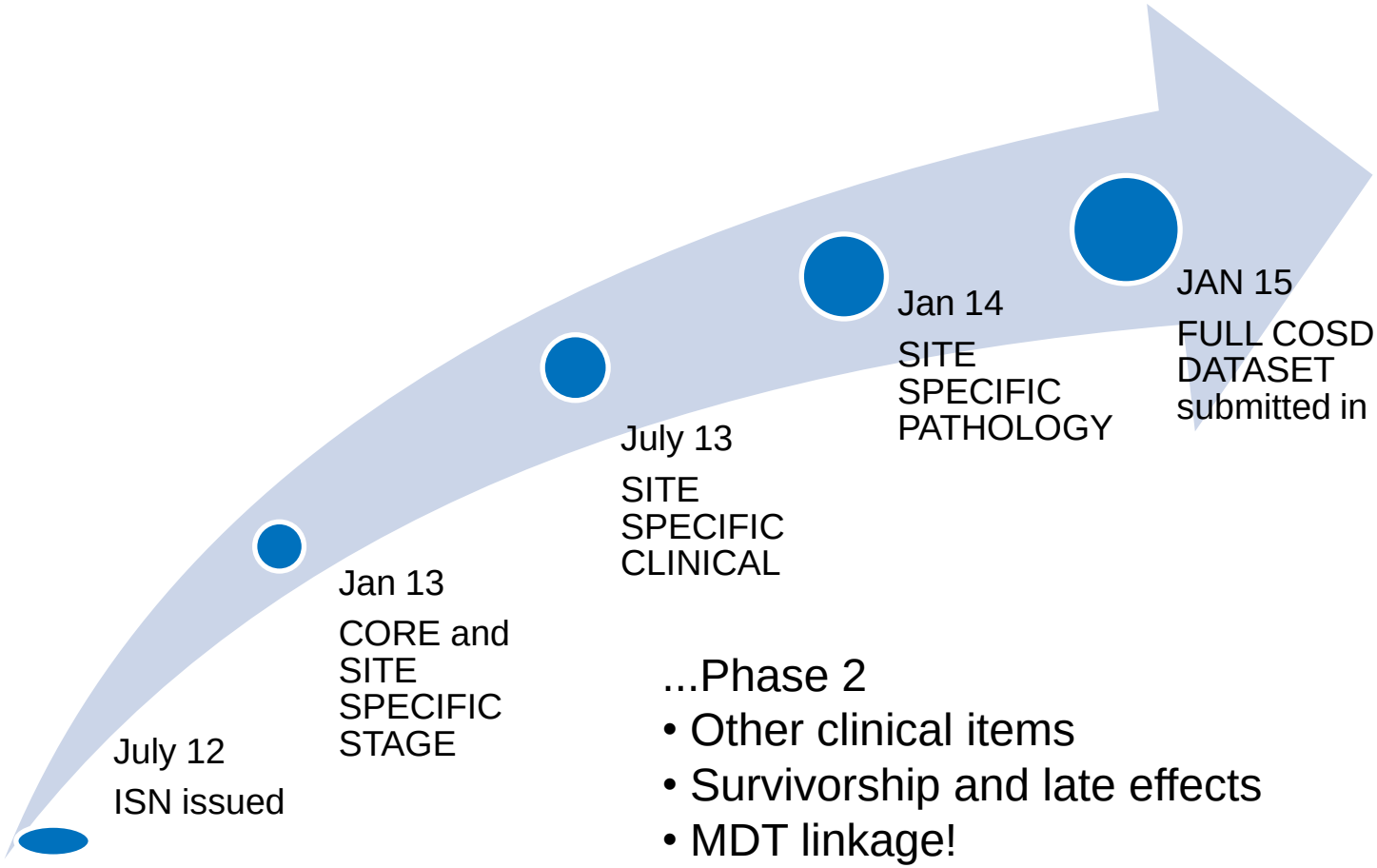

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Cancer Waits download
Chemo summary
Secondary Uses Service
Open Exeter
Chemo Repository
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COSD Path
COSD Radiology
Procedures / activity uploads
Cancer Waits Upload
SACT upload
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Cancer Services MDT System
Laboratory system
Radiology System
E prescribing system
Acute Trust / Cancer Centre


DATAFLOWS
FINAL (APRIL 2014)
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Chemo summary
Radiotherapy Summary
Secondary Uses Service
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Chemo Repository
NatCanSAT
COSD Core and ALL Clinical
COSD Path
COSD Radiology
Procedures / activity uploads
Cancer Waits Upload
SACT upload
RTDS upload
N3 Network or other approved transmission medium
HOSPITAL PAS SYSTEM
Cancer Services MDT System
Laboratory system
Radiology System
E prescribing system
Verify and Record
Acute Trust / Cancer Centre


DATAFLOWS
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Deaths Data
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Cancer Services MDT System
Laboratory system
Radiology System
E prescribing system
Verify and Record
Acute Trust / Cancer Centre

Implementation Timetable



...Phase 2

- Other clinical items
- Survivorship and late effects
- MDT linkage!

?????

Support

- Network Road shows
  - One day programme
  - Organisational & technical topics
  - MDTs & clinical aspects
- XML workshops
  - In house developers
- COSD Project team
  - COSD@ncin.org.uk

NCIN website

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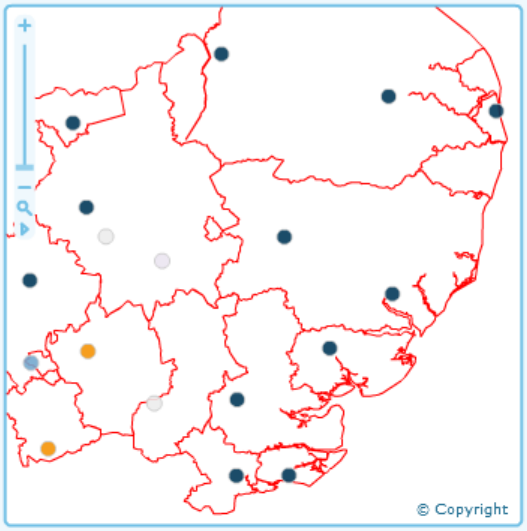


Conformance Criteria
MDT Performance – Data completeness

national cancer intelligence network

Filter

Help



This report shows the completeness of certain key data items received each month by a Trust as discussed at MDT. By clicking on your Trust from the map above all the relevant data will appear on the performance chart to the right. You can compare your Trust to another by holding the Ctrl button and selecting another Trust. You can scroll the data down on the right hand side by hovering over the data and using the mouse wheel or holding the scroll bar (far right) and moving down/up. A full user guide is available by clicking the link on the introduction page; this will give you detailed instructions on how to use this report effectively.

Indicator	Hospital	Total Pts	Current Month %	Last Month %	Trend	Data Completeness
Date of Diagnosis: Aug-10	E+N Herts	16	100	94.40	↑	0 100
Date of Diagnosis: Aug-10	West Herts	8	100	100.00	–	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	16	0	0.00	–	0 100
Pre-Treatment TNM: Aug-10	West Herts	8	0	0.00	–	0 100
Stage - Dukes: Aug-10	E+N Herts	16	50	44.40	↑	0 100
Stage - Dukes: Aug-10	West Herts	8	0	0.00	–	0 100
Final Treatment TNM: Aug-10	E+N Herts	16	0	27.80	↓	0 100
Final Treatment TNM: Aug-10	West Herts	8	12.5	28.60	↓	0 100
▼ Lung Cancer						
Date of Diagnosis: Aug-10	E+N Herts	13	92.3	93.80	–	0 100
Date of Diagnosis: Aug-10	West Herts	12	100	100.00	–	0 100
Tumour Laterality: Aug-10	E+N Herts	13	92.3	68.80	↑	0 100
Tumour Laterality: Aug-10	West Herts	12	75	90.90	↓	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	13	0	18.80	↓	0 100
Pre-Treatment TNM: Aug-10	West Herts	12	25	72.70	↓	0 100
▼ Skin - C43						
Date of Diagnosis: Aug-10	E+N Herts	17	100	86.70	↑	0 100
Date of Diagnosis: Aug-10	West Herts	9	100	100.00	–	0 100
Breslow Thickness: Aug-10	E+N Herts	17	0	0.00	–	0 100
Breslow Thickness: Aug-10	West Herts	9	0	0.00	–	0 100
Final TNM: Aug-10	E+N Herts	17	0	0.00	–	
Final TNM: Aug-10	West Herts	9	0	0.00	–	
▼ Upper GI						
Date of Diagnosis: Aug-10	E+N Herts	5	80	85.70	↓	0 100
Date of Diagnosis: Aug-10	West Herts	4	100	100.00	–	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	5	0	0.00	–	0 100
Pre-Treatment TNM: Aug-10	West Herts	4	0	0.00	–	0 100
▼ Pancreatic Cancer						
Date of Diagnosis: Aug-10	E+N Herts	1	100	100.00	–	0 100
Date of Diagnosis: Aug-10	West Herts	0	n/a	n/a	–	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	1	0	0.00	–	0 100

<-5% Decrease ↓ -2% to -5% Decrease ↓ 1% to -1% No change – 2% to 5% Increase ↑ <5% Increase ↑ A ● B ● C ●

Regional Average %

Poor Medium Good

– +

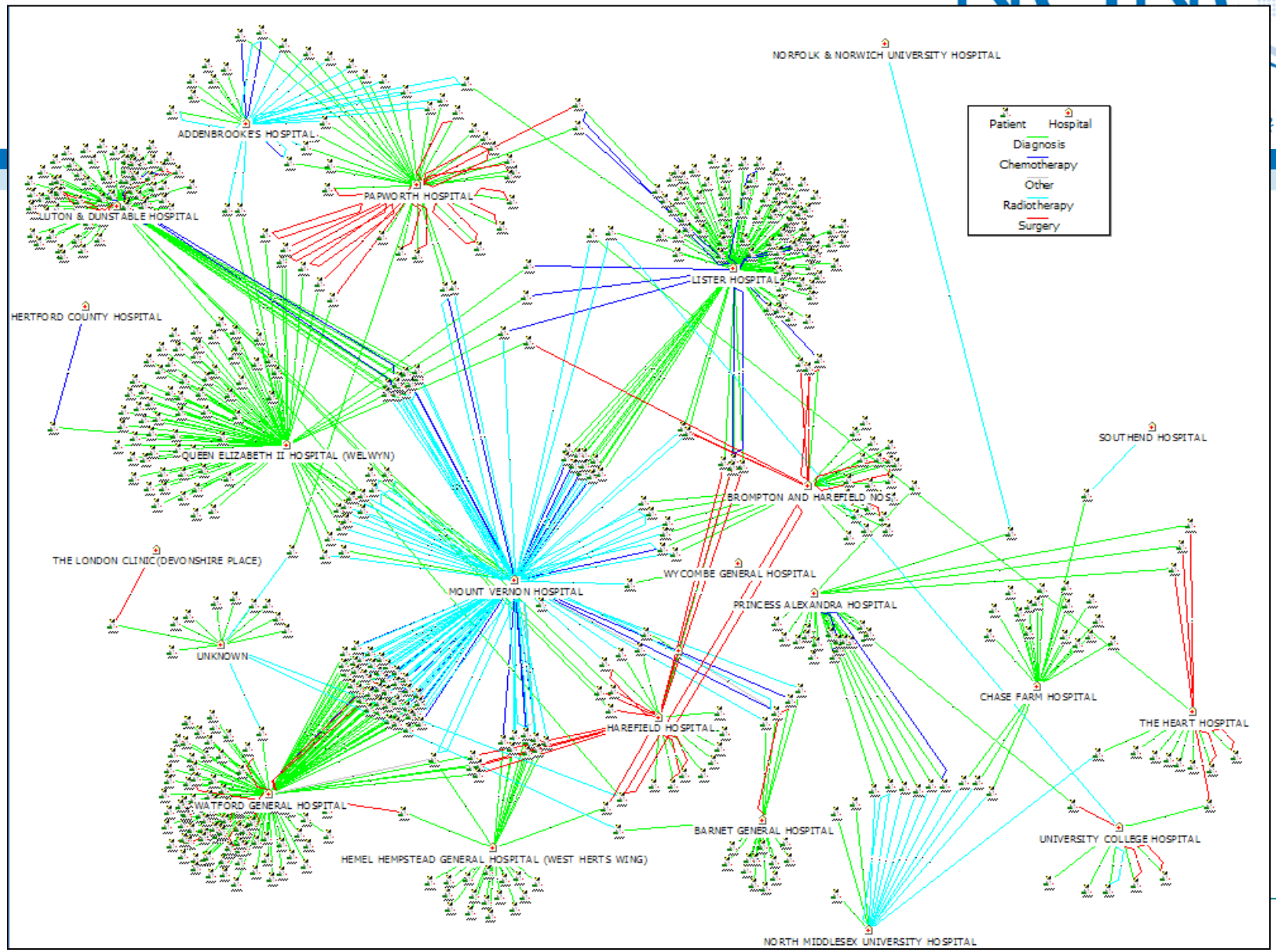
Issues for Colorectal

- National Audit - NBOCAP
  - Bigger picture – all tumour groups
  - Entry on one system
  - Alignment of data items
  - Future direction
- Clinical sign off/Ownership
  - Review and revise processes
- Resources
  - Point of care recording
  - Patient management
- Imaging data
  - Diagnostic Imaging Dataset/Image Exchange Portal

Are you ready for COSD?

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- **This has been coming since January 2008!**
- Benefits
  - Timely, comparable, comprehensive data
- Do you know what needs to be submitted
- Have you reviewed collection processes
- Network Road Show – when and who?
- MDT systems in place?
- Do your clinical teams know?


NORFOLK & NORWICH UNIVERSITY HOSPITAL
Patient
Hospital
Diagnosis
Chemotherapy
Other
Radiotherapy
Surgery
ADDENBROOKES HOSPITAL
PAPWORTH HOSPITAL
LUTON & DUNSTABLE HOSPITAL
LISTER HOSPITAL
HERTFORD COUNTY HOSPITAL
QUEEN ELIZABETH II HOSPITAL (WELWYN)
SOUTHEND HOSPITAL
BROMPTON AND HAREFIELD NOS
THE LONDON CLINIC(DEVONSHIRE PLACE)
WYCOMBE GENERAL HOSPITAL
MOUNT VERNON HOSPITAL
PRINCESS ALEXANDRA HOSPITAL
UNKNOWN
CHASE FARM HOSPITAL
THE HEART HOSPITAL
HAREFIELD HOSPITAL
WATFORD GENERAL HOSPITAL
BARNET GENERAL HOSPITAL
UNIVERSITY COLLEGE HOSPITAL
HEMEL HEMPSTEAD GENERAL HOSPITAL (WEST HERTS WING)
NORTH MIDDLESEX UNIVERSITY HOSPITAL

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Thank you

trish.stokes@nhs.net

Mob: 07896 167971

cosd@ncin.org.uk