INTEROPen Community
#DataSavesLives
#CollectShareUse

Andy Kinnear

www.interopen.org   |  @INTEROPenAP
Andy Kinnear –

- **Director of Digital Transformation** – South, Central and West CSU
- **Connecting Care Programme Director** – The Greater Bristol Digital Transformation programme
- **Local Delivery Advisor** – NHS Digital
- **Chair** – BCS Health & Care Executive
- **Health CIO Advisory Board member** - CIO Network
- **INTEROpen Board** – Founding member
networks working together to unlock healthcare’s data sharing problems.

- **CARE PROVIDERS**
  - Health CIO Network
  - CCIO Network
  - Local Government

- **IT SUPPLIERS**
  - INTEROPen
  - techUK

- **ALBs**
  - National Information Board
  - NHS Digital
  - NHS England

- **CODE4HEALTH INTEROPERABILITY COMMUNITY BOARD**
  - Chair: Luke Readman CIO, WELC CCG
  - Richard Kavanagh
  - Indi Singh
  - Andy Kinnear
  - Adrian Byrne
  - Rob Osborne
  - Phil Koczans
  - Masood Nazir
  - Joe McDonald
  - Amir Mehrkar
  - Paul Cooper
INTEROPen Board

Amir Mehkhar  
(Clinical Joint Chair)

Luke Readman  
(Non-Clinical Joint Chair)

Malcolm Senior

Andy Kinnear

Dunmail Hodkinson & Philip Scott

Paul Cooper

Adam Charles

David Hay

Neil Robinson, Chris Bull & Dave Harvey

Indi Singh & Ian Townend

Lorraine Foley

Phil Koczan

Adrian Byrne & Andy Hadley

Neil Bartram

Ian McNicoll & Tony Shannon
Standards Organisations

- British Computer Society
- IS National User Group
- Innovative UK - Knowledge Transfer Network
- NHS Digital
- Health Education England
- Healthy London Partnership
- NHS England
- HL7 UK
- IHE UK
- OpenEHR
- PRSB (Professional Records Standards Body)
- Accurx
- Active Medicine
- Advanced Health & Care
- Aire Logic Ltd
- Allocate Software
- Allscripts
- Answer Digital
- Application Insight
- Atos
- Boots
- Blackpear
- BT
- Cambio + Healthcare Systems
- Capita Health Partners
- Careflow Connect Ltd
- Carelink (Piksel Ltd)
- Cerner
- CGI Group
- CharityLog
- CheckWare
- Clinisys
- CommonTime
- CSC
- Cyber Media Solutions
- Deepmind Health
- Deontics
- Docman
- Egress
- Elsevier
- EMIS Health
- Endeavour Health
- Enovacom
- Epic
- Epro
- everyLIFE Technologies
- Experis
- Forcare
- FreshEHR
- G2 Speech BV
- Health Fabric
- Health Intelligence
- HealthForge
- Healthcare Gateway
- Healthlinked
- Huawei Technologies
- IBM
- IM D-SOFT
- IMJ Systems (Mediviewer)
- IM MAXIMS
- Indius Ltd
- INPS
- Intelerad
- Intelecent
- Intersystems
- JAC Computer Services Ltd
- Kainos Evolve
- Mayden
- Medelinked
- Medical Connections
- Medxnote
- Microsoft Health & Life Sciences
- MongoDB
- MphRx
- NHS Wales Informatics Service
- NoemaLife UK
- Northgate Public Services
- Nottinghamshire Health
- Informatics Service (NHIS)
- Nth Dimension
- OLM Systems
- Open Mapping Software
- Optum International
- Oracle
- Orion Health
- Ottivus
- OTech HealthCare
- Consultancy
- Outcomes Based Healthcare
- Prederi
- psHEALTH
- Pumpec
- Quicksilva Systems Integration Solutions
- Ramsey Systems
- Red Embedded Systems
- Restart Consulting
- Ripple
- Servelec
- Stelki
- Soliton IT
- Solutions4Health
- Specialist Computer Centre
- Stalis
- Sunquest
- SystemC
- Targett Business Technology
- Tiani Spirit
- Tiny Medical Apps
- TotalMobile
- TIPP
- Trisoft Ltd (Trisoft Healthcare)
- Virgin Media Business
- Vision Health
- Wiggly-Amps
- Wolters Kluwer Health
- “HealthLanguage”
- X-Lab

ALBs

- networks & Others
  - Digital Health CCIO Network
  - Digital Health CIO Network
  - IS National User Group
  - Innovative UK - Knowledge Transfer Network
  - NHS Research
  - IS HACK DAY
  - Northern Ireland CCIO Network
  - HealthTech
  - eHealthHub CIC

Care Organisations

- Birmingham & Solihull LDR
- Birmingham & Solihull Mental Health NHS Foundation Trust
- Connecting Care Partnership
- Dorset Health & Care Community (Dorset CCG)
- East North Care Record
- Greater Manchester Health & Social Care Partnership CDO
- Holding Your Hand Limited
- Lincolnshire
- Coast and Vale STP
- Lincolnshire NHS Foundation Trust
- Imperial College Healthcare NHS Trust
- Powys Community Healthcare NHS Trust
- Worcestershire and South Worcestershire STP
- Marie Curie UK
- Gloucestershire CCG
- South, Central and West CSU
- North West London Care Information Exchange
- North Yorkshire County Council (Adult Social Care Services)
- Northumbria, Tyne and Wear NHS Foundation Trust
- Forth Royal NHS Foundation Trust
- Sheffield Health and Social Care NHS Foundation Trust
- Somerset Integrated Digital Electronic Record
- Somerset and North Somerset NHS Trust
- Hackney/Waltham Forest CCG
- University College London Hospitals NHS Foundation Trust
- University Hospitals Southampton NHS Foundation Trust
- York Teaching Hospitals NHS Foundation Trust

IT Suppliers

- HL7 UK
- IHE UK
- OpenEHR
- PRSB (Professional Records Standards Body)
- HCI Group (Tech Mahindra Ltd)
- Health Fabric
- Health Intelligence
- HealthForge
- Healthcare Gateway
- Healthlinked
- Huawei Technologies
- IBM
- IM D-SOFT
- IMJ Systems (Mediviewer)
- IM MAXIMS
- Indius Ltd
- INPS
- Intelerad
- Intelecent
- Intersystems
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- Soliton IT
- Solutions4Health
- Specialist Computer Centre
- Stalis
- Sunquest
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- Targett Business Technology
- Tiani Spirit
- Tiny Medical Apps
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153 Member Organisations

INTEROpen

(6/9/17)
Welcome to New Members (Since 11 July 2017)
“A health and care community through which digital information seamlessly flows”
Values

To put our health and care professionals and public at the heart of everything we do

To put aside individual and corporate interests in pursuit of our vision

To work openly and collaboratively with each other

To be transparent and work with integrity

To embrace innovation and always be forward thinking

To be inclusive of all those who share our vision and values
What we’re trying to achieve:
How we’re trying to achieve it (CareConnect curation):

Proposing member e.g. NHS Digital

Condition

DSTU2 Condition Resource

Condition

Proposing member

Condition

Merge

Merge

HL7UK (Technical)

Reviews

CareConnect Problem FHIR Profile

HL7 GitHub & Viewer

PRSB (Clinical)

INTEROPen Community
Why we’re trying to achieve it:

The duty of the information rich to **SHARE** with the information poor, for **SAFER** and more **PERSONALISED** patient care.

in us: membership@interopen.org  
www.interopen.org  |  @INTEROPenA
“Access to the system is the best thing since sliced bread! The dark shadow of what was going on at the hospital has been lifted and there are many times when tests are not sent down the link but are on the system which shows a huge amount of time in not having to contact the hospital.”

WEL GP

“Being able to see OPA times in primary care means we can remind patients and reduce DNA rate and re-referral work for us. I can also see when my patient has been admitted and is still in hospital, rather than not knowing until they are discharged.”

WEL GP

“It has saved so much time chasing hospital info.”

WEL GP

“In cases where I need to review a clinical condition that has already been assessed in hospital I can determine whether future blood tests or other investigations are necessary by examining previous results. Time is saved by not having to make a call to pathology department, allowing more time focus on patient care.”

C&H GP

“Previously patients would often ask practice staff to find out whether they had been booked for a test or appointment if they had not received notification from secondary care. Chasing these appointments would use up valuable admin staff.”

C&H GP

Benefits of shared record access reported by General Practitioners

(C&H and WEL)

“Useful where same key data is spread between providers e.g. DM management.”

WEL GP

“Not having to chase appointments or ring through for results is very beneficial. It allows us to have up to date information that at times is urgently needed; it allows us to access letters that have never arrived at the surgery for one reason or another; it means we can check patients' upcoming appointments either to help them remember to attend or just to know we do not need to re-refer.”

WEL GP

“It has helped to save admin time and reduced chasing of reports or results done at Barts”

WEL GP
Benefits of shared record access reported by acute hospital clinicians

(Barts Health and Homerton)

"Knowledge of GP procedures - immunisation in particular. Vital for the protection of older patients and the immunologically vulnerable.”
Barts Health clinician

"Feel that safety is much improved as patients are often unable to tell me about their medications and past problems - this information is vital in the emergency setting and therefore has been extremely beneficial to me.”
Homerton clinician

"Being able to see the reports for imaging performed at Barts and Newham hospitals has made reviewing the images easier and in the complex cases helped to avoid unnecessary imaging, biopsies etc.”
Homerton clinician

"The connection to Homerton and ELFT data has made the range of data accessible much greater and improved utility”
Barts Health clinician

"It is very useful to be able to see patient medication histories from the GP services as patients do not always remember what they are taking.”
Barts Health clinician

"I was able to reassure a very anxious patient by checking the radiology report on a scan that had been done the day before at RLH that his brain abscess had gone.”
Homerton clinician

"Longitudinal nature of the GP record is valuable for important events and procedures”
Barts Health clinician
SCW CSU - shared care record programmes - 2016
**Benefits...**

- “I now use Connecting Care on almost every case I deal with it (approx. 25 cases per shift). It always makes a difference and adds value. Every shift, acute admissions are avoided.”
  - Doctor (out of hours)

- “Massive difference in time spent accessing information. On average [I can] access the GP record within 30 seconds compared with 15-20 minutes taken via telephone or via fax”
  - Critical Care Pharmacist Manager UHB

- “it has enabled us to commence discharge planning earlier in the patients stay to help prevent delays later on.”
  - Discharge Nurse

- “Connecting Care is brilliant...I use it to triangulate information from service users, to find out about other services involved so that I can contact them to inform my assessments”
  - Bristol social worker

- “3 cases identified on Connecting Care today that were already allocated to a health practitioner (BCH OT IMCS OT) so did not require referrals to B CO OT”.
  - Occupational Therapist
  - Bristol City Council

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“On Monday I managed to obtain details for 22 patients on Connecting Care, I saved a huge amount of time as I didn’t need to phone the GPs and wait for the faxes to arrive.” Acute Pharmacist

“I used Connecting Care to find vital information for the diabetes nurses. The information logged by district nurses is a goldmine of information. We saved 20 minutes on the telephone and managed to find the reason for patients insulin being discontinued.” Discharge Nurse

“Without Connecting Care today I couldn’t have done my job.” Pharmacist

“Connecting Care has been really helpful tonight. Could not do without it. Particularly in the case of an old lady with XX who I could not reach on the phone. Without Connecting Care this would have resulted in a visit and probably her door being broken down. But with CC I was able to work out that all that should of been done, had been done.” OOH Doctor

“The extra patient detail is useful when deciding to stop drugs such as anti-platelets and it helps to identify risk factors” Doctor

Benefits...

Having access to accurate, timely, shared information is no longer a ‘blocker’ to providing high quality, effective, efficient care.
Challenges

- Confused landscape but the national approach is firming fast
- Set of technical and clinical standards
  - Not only FHIR
  - As a standard offering
- Engagement and organisational form
- Making INTEROPen sustainable
  - Pace
So chuffed with my #InteropSummit t-shirt I haven’t been able to take it off all weekend... and more @INTEROPenAPI at #EHWK17 to come :-)
Thank You

#DataSavesLives
#CollectShareUse

INTEROPen