

The AHSN Network
DIGITAL North

Meet our 2021 innovators

Restore, Reset and Recover

About us

The **AHSN** Network
DIGITAL North

Digital North

The Digital North Accelerator programme is a collaborative enterprise established by the four northern AHSNs. It aims to support regional digital health technology firms in the adoption and spread of proven innovations within the healthcare system. Successful regional solutions are then guided towards national adoption through the Innovation Exchange programme.

The 2021 “Restore, Reset and Recover” programme will deliver game-changing digital innovations which meet the recovery priorities of our NHS partners as they respond to the continuing impact of the COVID-19 pandemic.

The AHSN Network and Northern AHSNs

The AHSN Network incorporates 15 regional bodies which operate as the innovation arm of the NHS. Across the country AHSNs act as a bridge between health care providers, commissioners, academia and industry. By connecting these sectors we provide a pipeline of solutions from research and product development through to implementation and commercialisation.

Of the 15 AHSNs, there are four in the north: Yorkshire & Humber AHSN, Health Innovation Manchester, Innovation Agency North West Coast and North East and North Cumbria AHSN.

We aim to embed innovative products and services within routine clinical practice, stimulating regional economic growth whilst improving patient outcomes and transforming lives.



Our 2021 cohort

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We are delighted to introduce the eight companies who will be taking part in the 2021 Digital North accelerator programme:



C2-Ai

Patient tracking list system which stratifies, prioritises and validates elective waiting lists.

<https://c2-ai.net>



Docobo Ltd

Patient monitoring system that supports remote home management for patients with long term conditions.

www.docobo.co.uk



DrDoctor Ltd

A Patient Engagement Platform that puts patients in control of their own healthcare journey.

www.drdoctor.co.uk



Health Call Solutions Ltd

Health Call is an NHS-owned, award winning collaboration providing digital health solutions.

www.nhshealthcall.co.uk



Klinik Healthcare Solutions UK Ltd

Triage and patient flow management software that directs patients to the right point of care.

<https://klinikhealthcaresolutions.com>



Malinko Health & Care Technologies Ltd

Complementing EPR systems, Malinko's e-scheduling system enables community services to safely manage their capacity and demand.

www.malinkoapp.com



PinPoint Data Science Ltd

The PinPoint test provides triage of patients with cancer symptoms.

www.pinpointdatascience.com



Safe Steps

A falls risk screening, review and care planning tool to facilitate falls prevention.

www.safesteps.tech

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C2-Ai will be showcasing the Elective Restart & Recovery solution for Risk Stratification, PTL Prioritisation and regional observatory that is being rapidly rolled out within the NHS. The company has developed automated AI enabled patient risk adjusted clinical outcomes analysis to enable operational and clinical performance to best balance capacity and demand, reducing waiting times as rapidly as possible especially for high volume, low complexity (HVLC) patients. The key benefit of the C2-Ai PTL solution is to ensure that 'the right patient has been seen in the right place at the right time with the right outcome'.

Since 2008, Cambridge based C2-Ai's clinical analytics solutions have helped client hospitals optimise treatment of millions of patients, saved thousands of lives and improved outcomes for hundreds of thousands more. We have done this while saving our clients hundreds of millions in operational costs, rework, unwarranted variation and litigation.

 <https://c2-ai.net>



Docobo Digital Health solutions supports seamless care to patients with multiple Long Term Conditions including cancer, mental health, MSK and social isolation. Solutions consist of two main elements:

- Remote patient management (DOC@HOME®) enables clinicians to manage patients at home and keep them out of hospital. The system supports patients with a wide range of conditions, such as cardiac and respiratory issues, diabetes, mental health and cancer.
- Population health intelligence (ARTEMUS®) enables health providers to understand: care needs, utilisation, costs, gaps in care and identify the right people to optimise delivery, efficiency and quality.

Our mission is to improve the quality of life through efficient implementation of digital health, supporting professional staff to deliver world-class care, and enabling patients to be more aware of their condition and empowered to self-manage themselves.

For 20 years we have provided medical-grade digital health solutions that are safe, resilient and secure.

 www.docobo.co.uk

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DrDoctor

DrDoctor is helping the NHS to digitise and democratise the delivery of healthcare. Our digital-first Patient Engagement platform saves hospitals time, effort, and money by helping to coordinate care. Engaging patients digitally with their healthcare provider and shifting clinically relevant patient interactions online allows the NHS to see the right patients at the right time, provide a more satisfying and sustainable patient and professional healthcare experience while reducing costs.

Our vision is to enable a safe and effective digital-first healthcare system that realises the benefits of putting patients at the centre of their healthcare journey. Successfully engaging patients means they can contribute to a high-quality and sustainable healthcare system for all. More than 10m patients across over 40 NHS organisations benefit from our flexible and intuitive technology, which helps clinicians attend to more people and hospitals to match the supply of healthcare more efficiently to demand. Digital-first interactions between patients and hospitals has seen healthcare providers cut DNA rates by up to 35%, reduce waiting lists by up to 23%, use virtual consultations for 42% of patients, and achieve savings of up to £10m each.

 www.drdoctor.co.uk

Health Call

Health Call is an NHS-owned, award winning collaboration providing digital health and care solutions.

Health Call was created to share resources to drive down operational delivery costs of health and care provision, whilst improving outcomes for all.

Our collaborative approach to development supports patient centred design and Health Call's deployment team's learning culture ensures knowledge is spread and shared across the NHS and beyond.

We have developed over 50 digital pathways and solutions including a range of remote monitoring tools so that patients can submit information like their blood pressure, weights or blood coagulation directly to their clinical teams. Our award winning Digital Care Home solution gives care homes a way of communicating digitally with community nursing teams. This allows them to submit referrals, receive care advice and provide the most appropriate care for residents. Other digital pathways include patient self-referrals to musculo-skeletal services, childhood vaccine consent forms and electronic Friends and Family Tests.

 www.nhshealthcall.co.uk

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KLINIK HEALTHCARE SOLUTIONS

Klinik helps GP practices direct patients to the right point of care across the primary care ecosystem with a safe and intuitive patient flow management solution. It provides equitable access through user-friendly AI triage and online consultations in combination with a dedicated telephone module. Its clinically-supervised algorithm and intelligent patient flow technology provides urgency and priority detection to ensure all queries are dealt with safely. Differential diagnoses and configurable workflows direct patients to the right clinical or non-clinical team member in the practice or can (automatically) redirect into an extended network, such as Physio, Pharmacist, Mental Health or Out of Hours (OOH) provider. This helps reduce the burden on GPs, provides holistic patient management for the practice and delivers a more satisfying patient experience from the first point of contact.

 <https://klinikhealthcaresolutions.com>

malinko

Malinko are a proud Northern 'Health Tech' business who believe it's a privilege to serve our NHS and Local Authority partners. We care deeply about the NHS and the integration of Health and Social care (where Malinko came from) and believe the NHS need to make the 2020's the decade of community services. Malinko have built with the NHS, the world's first clinical e-scheduling system for community services, a system which is now being adopted by Local Authorities. Complementing and integrated with Electronic Care Record systems, Malinko's e-Scheduling System enables health and social care organisations improve how they manage their distributed workforce (capacity) and schedule care to their patients/citizens (demand) in their home. Malinko is enabling our health and social care partners collaborate better, improve productivity, service delivery, staff safety and improve their citizens outcomes whilst reducing the clinical risk and the cost of delivering its community services.

 www.malinkoapp.com

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PinPoint Data Science is a Leeds based SME. In collaboration with academics and clinicians they have built the PinPoint Test. The test result gives a simple way to triage urgent cancer referral pathway patients by their risk of cancer from a single blood draw and runs on existing NHS IT and laboratory testing systems under complete NHS control. The test condenses 33 complex data points into a single number, the chance a patient has cancer.

PinPoint's initial use case was to define thresholds for ruling patients out of the urgent referral pathway, identifying those patients with the lowest probability of having cancer. However, due to the simplicity of the test result (highlighted during the pandemic where appointments were delayed or unable to happen at all due to risk of infection), it became clear that it could also be used to stratify, triage, prioritise and safety net urgent cancer referral pathway patients (also referred to as two-week wait patients).

The PinPoint Test is currently being evaluated in the NHS across West Yorkshire Health and Care Partnership in a large-scale Service Evaluation that is CE marked.

 www.pinpointdatascience.com



Safe Steps reduces the number of preventable falls in the ageing population through digital, evidence-based interventions.

“Safe Steps enables standardisation of care, empowering carers to easily implement evidence based interventions following NICE Guidelines is reducing falls and subsequent hospital admissions in our ageing population and decreasing pressure on the system. A 28% reduction of falls in care homes is having a direct impact on patient safety” – Prof Stephen Powis, National Medical Director. NHS England

 www.safetysteps.tech

The 2021 programme

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Digital North was created to provide innovative organisations with access to tailored support and advice.

It promotes the uptake and growth of innovative technologies, accelerating engagement with NHS stakeholders and stimulating market presence across the north of England.

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Digital North will help SMEs spread their innovations across the north of England.

Neil Toner
Programme
Manager at
Yorkshire &
Humber AHSN

Assistance includes:

- Providing a named support lead within the AHSN network.
- Co-developing the value proposition.
- Reviewing business cases and associated evidence to-date and co-developing a localised business strategy.
- Co-creating a narrative for adoption of the solutions across the north of England.
- Promoting the solutions to key decision makers via NHS-focused virtual events in the north of England.
- Publicising the solutions through the AHSN Network.

Programme priorities:

- Increasing engagement between companies and commissioners.
- Supporting our NHS partners with innovation that aligns with their key requirements.
- Increasing the number of digital innovations successfully introduced to the NHS across the north of England.
- Increasing the number of patients benefitting from the uptake of digital innovations.
- Enabling companies to benefit from information, advice, signposting and support.
- Supporting company growth by attracting investment and increasing market share.

| The Events

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We are looking forward to running several events before the end of 2021 to promote these exciting new innovations to our NHS stakeholders.



Contact us

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