



2026 BU-NHS Conference

# Moving Forwards Together

Fusion Building, Talbot Campus  
16th April 2026



WELCOME

# Welcome

## **Prof Niamh Downing**

**Pro Vice Chancellor  
Bournemouth University**

## **Peter Wilson**

**Chief Medical Officer  
University Hospitals Dorset  
NHS FT**  
*Visiting Professor BU*

## **Alistair Hutchison**

**Joint Assoc Chief Medical  
Officer for Research  
Dorset County Hospitals &  
Dorset HealthCare NHS FT**  
*Visiting Professor BU*



# Moving Forwards Together: BU-NHS Conference 2026

**We received a record 93 abstracts  
from teams across Dorset**

**57 included in the programme  
today**

**The event is spread across the  
INSPIRE and SHARE lecture  
theatres plus break out rooms**

**All on Ground Floor Fusion Building**

**In addition to presentations from  
our teams, we have 3 key note  
speakers sharing some of their  
knowledge with us.**

**We very much hope you find it an  
inspiring day of learning and make  
the most of the opportunity to  
network!**

# House Keeping

- Registration
- Fire
- Paying for parking
- Facilities
- Registration desk is manned throughout the event

# Refreshments

- Light lunch and refreshments throughout the day are kindly sponsored by





Key Note 1:

# **BU 2035 strategy and vision for research at BU**

**Professor Niamh Downing**

Pro Vice Chancellor, Bournemouth University



Key Note 2:

# The Future of Healthcare in Dorset powered by Digital and Data

**Beverley Bryant**

Chief Digital Officer, Dorset NHS Providers

# Our Dorset Digital Strategy

2026-2031

Improving Health & Care  
Through Digital Technology



# Vision and Context



The Our Dorset Digital Strategy is a comprehensive plan aiming to transform Dorset’s health and care system through digital innovation by 2031. It emphasises creating a seamless, integrated digital ecosystem that empowers staff, improves patient experiences, and leverages emerging technologies like AI to deliver equitable, efficient, and person-centred care across all health and social care settings.

# The Strategy has been developed through:

- A highly collaborative, iterative co-creation process, co-designed and co-owned by digital, clinical, and operational leaders across Dorset's health and care system.
- Every stage, from mobilisation to completion, has been shaped through engagement, evidence, and shared ownership, ensuring the strategy is both ambitious and grounded in real-world delivery.
- Progress has been guided by system-wide engagement and alignment with the Dorset vision, resulting in a collectively owned, evidence-based strategy endorsed by digital leadership and system partners.

# Strategy Objectives and Themes



**Enabling Care Across Settings**

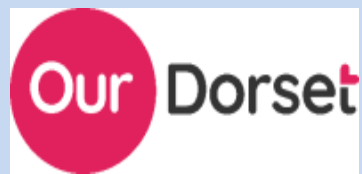
**Workforce and Culture**

**Digitally Enabling and Empowering Citizens**

11

**Modern Infrastructure Foundations**

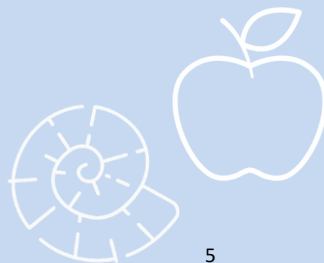
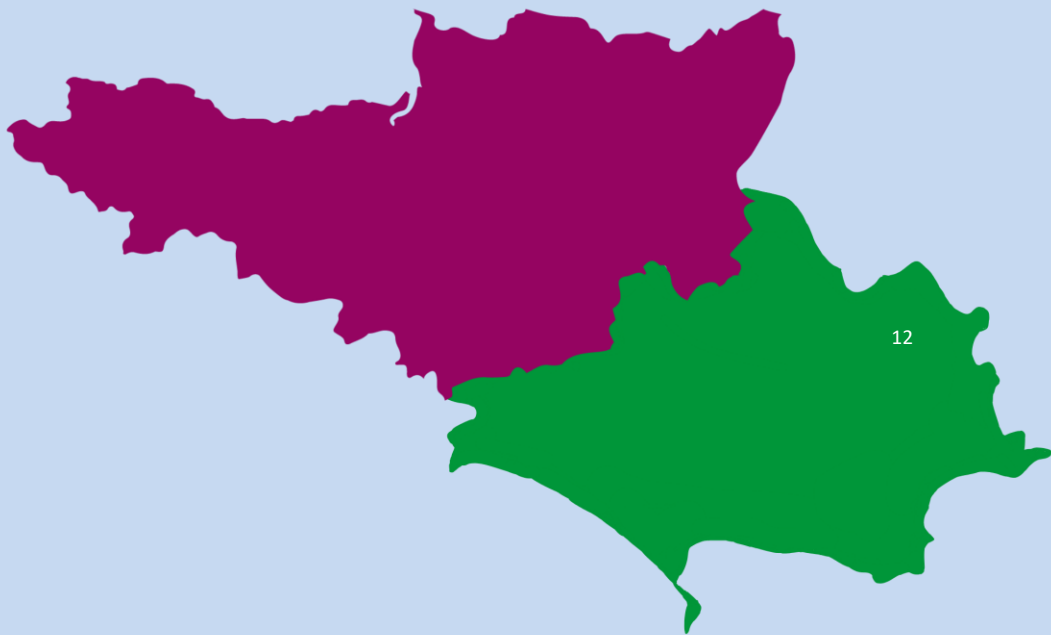
**Data, Analytics & Insights**



# healthset

Dorset and Somerset Electronic Health Record

Clinically led, operationally delivered, digitally enabled transformation across Dorset and Somerset healthcare



Providing acute, community and mental health services across Dorset and Somerset

## Healthset in numbers

# of trusts:	4
Population:	1,430,925
# of acute sites	6
# of community hospitals	25
# of mental health sites	8
# of beds	2,820
# of ED attendances	389,381
# of MIU/UTC attendances	218,430
# of inpatient admissions	395,342
# of outpatient appointments	2,206,634
Workforce WTE	33,000



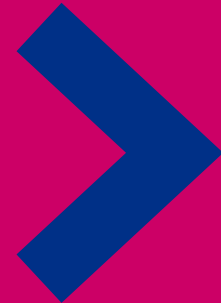
# Our Journey

We are driving engagement by...

Clinically  
leading



Operationally  
delivering



Digitally  
enabling



Constant learning,  
engaging with other  
NHS trusts to ensure  
lessons learnt are part of  
the plan



Aspirational and  
ambitious - borders and  
organisations aren't  
barriers



Keeping our joint vision  
in mind throughout



Strengthening  
relationships between  
trusts, regional and  
national colleagues



# The future for our colleagues



Upskilling



Real time  
communication



**EVERYDAY**  
Effective  
BAU team



New opportunities  
and roles

14



Time to care



Reduced duplication



# The future for our patients



Equity of  
care

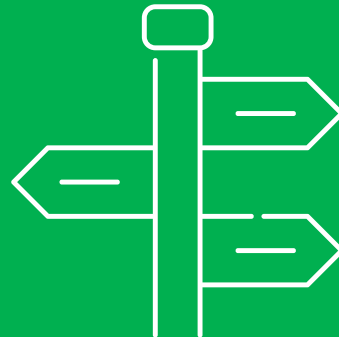


Reduction in  
length of  
stay



Improved  
satisfaction

15



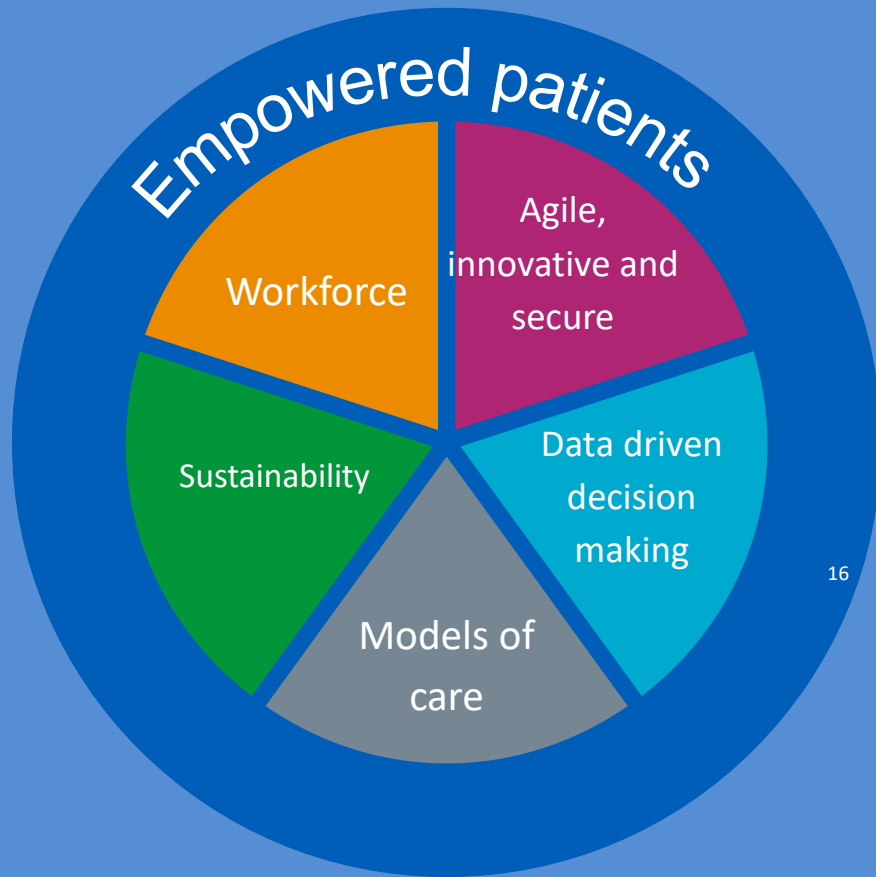
Clear  
pathways



Better health  
outcomes



# Outcomes



Transformation of the way we work by enabling new models of care, supporting delivery in the most appropriate setting with access to accurate and timely information when and where needed. Enable pathways and parity of mental and physical health across the system.

Improved retention, recruitment, equity and wellbeing of colleagues through their digital interaction, improving workforce efficiency and releasing time to care.

Enhanced care delivery and future planning through data driven insight and innovation, promoting data quality to improve system efficiency, reducing the burden on colleagues and enabling safe, effective care information to support timely decision making and to enable personalisation of care pathways.

Enhanced digital maturity of the participating trusts and enhance agility, innovation, and cyber security.

Reduced inefficiencies within the system through consolidation and optimisation of systems and delivery of sustainable services.

# DiiS Overview



100%

Of GP Practice Population Data



1.7M

Inpatient Stays



8,000

Adult Social Care Packages



11.6M

Outpatient Attendances



23,000

Special Educational Need Records



1.7M

Mental Health Records



9.2M

Ambulance handovers



Dorset Intelligence & Insight Service



49.4M

GP Appointments



152,000

Primary Care Patient Codes



1.2M

Cancer Referrals



1.1M

Patient Records



4,000

Children Social Care Records



1.7M

A&E Attendances

To be known by our customers and stakeholders as the most trusted, knowledgeable and experienced team of problem solvers who consistently deliver insightful and intelligent analytics to successfully impact population outcomes



# DiiS in Action – Using DiiS data to reduce asthma admissions

## Problem / Challenge

In 2020 in Dorset more people were dying from asthma than in other areas of the South West. Short-Acting Beta Agonists (SABA) overuse has been associated with increased mortality and poor outcomes.



Consultant

## Solution

Identify excessive prescribing of SABA relievers to people with asthma. Some practices and PCNs Reviewed their systems for prescribing SABA and used DiiS to identify people and review their care, aiming to increase the use of preventative steroid inhalers.



Primary Care

## Results / Impact

SABA overuse has fallen across Dorset faster than in other ICSs across the South West and a reduction in asthma admissions has been observed in those PCNs that have managed to reduce their SABA prescribing most. Mortality rates for asthma in Dorset have fallen over this period.

## Conclusions

*Real time data will influence your strategy and priorities and enable you to assess the effectiveness of your interventions.  
Data down to the patient level data identifying and managing patients for specific interventions earlier.*



# DiiS in Action - Improving Valproate Safety for **Women with Epilepsy**

## Problem / Challenge

Taking valproate during pregnancy with patients comes with a risk of birth defects and developmental problems in children. UHD could only contact women on valproate who had already been referred to them.



## Solution

Patients re-identified through DiiS, previously unknown to the team  
Patient's GP contacted with offer to review through the epilepsy service

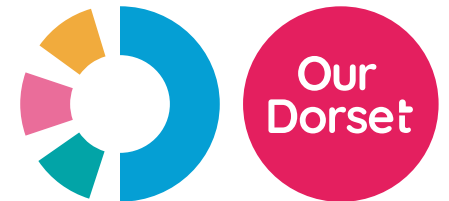


## Results / Impact

Previously hard to reach patients were contacted earlier and advised of risks and/or offered alternative antiseizure medication as a direct result of this, lowering their risk.

## Quotes

*"This would have been unachievable without the capabilities offered by the DiiS."* - Consultant Neurologist



# DiiS in Action - Population Health management approach to CVD Prevent

## Problem / Challenge

More people are living with hypertension as a long-term health condition.  
Many people's hypertension can be successfully managed in the community.

## Solution

Identifying those cohorts where preventative support can be offered.  
Evidence-based interventions, focusing and tracking people's outcomes using DiiS tools.

## Results / Impact

Nearly 8,000 more people optimised, 46 heart attacks prevented, 70 strokes prevented, and 40 deaths prevented.  
Reduced health inequalities (150% for the most deprived cohort)  
Money saved from preventing activity.



Primary Care



Nurse

## Quotes

*"We're incredibly proud of what Dorset has achieved in such a short time. High blood pressure is often called the silent killer, but through proactive care, community engagement, and data-driven decision-making, we've turned the tide." - GP and Chair of Dorset General Practice Alliance*

**Dorset's approach is award winning with a 2025 HSJ Award!**



# DiiS in Action - South West 999

## Problem / Challenge

Understanding why people Recontact 999, when a different response to 999 would have been better for their care. However capacity, time of day as well as the patients worsening symptoms can result in a Recontact back to 999. Understanding these reasons can help plan care services across the South West.



## Solution

Start with data definitions!!!  
Understand and unpick common themes and trends  
Identify alternative pathways

## Results / Impact

Identifying the gaps in care, changing the advice given – and still monitoring this!



## Quotes

*Understanding why patients recontact 999 isn't just about numbers—it's about identifying gaps in care, strengthening trust in the system, and ensuring when patients make contact with the ambulance service they are provided with the appropriate level of clinical advice first time and receive the best outcome for their needs, whether that's a referral to another service, self care advice or an ambulance response – Lead Ambulance Commissioning Team*



# DiiS in Action - Financially Vulnerable Pensioners

## Problem / Challenge

During Winter 2024, of the 200,000 older people residing in Dorset, 1 in 5 were exposed to increased financial vulnerability compared to previous winters.



## Solution

Working with Local Authorities enabled targeted interventions in high-risk communities and the option to identify individuals with cold-sensitive conditions  
Worked alongside VCFSE colleagues to create a network of support



## Results / Impact

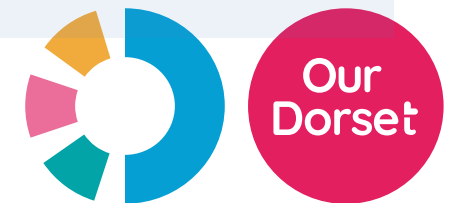
Proactive outreach to offer a wide range of support to individuals  
15 local organisations join fortnightly Round Table Meetings  
StayWell Financially webpage of shared resources  
Small reduction in average primary care visits (Winter 2024 vs Winter 2023)



## Quotes

*"It has been way bigger than giving us numbers. It's changed lives." - VCSE leader*

*"It has provided opportunities to inspire out of the box thinking and problem solving, to look at the impact from different angles, and the roles that each partner can play to support and share the consistent messaging." - Acute Trust*





## Introductions & Workshops Understanding Data

- Meet the team – understand what is already available with Data teams
- Explore how to use data & insights to drive your work
- Design dashboards to help drive the understanding and pathway change



**Dorset Intelligence & Insight Service**

Insight for Action. Built with you.

### Welcome to the DiiS Portal

All DiiS Reports are listed to the left, under 'View All Reports'  
Or you can explore themes with the 'Browse Themes' option. ⓘ  
Or search for a report using key words with the 'Search Reports' option.

### Helpful Links

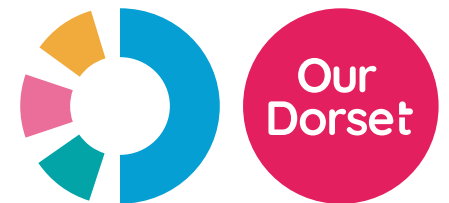
<a href="#">Contact Us</a>	<a href="#">DiiS Intro Video</a>
<a href="#">DiiS Learn Power BI</a>	<a href="#">DiiS Service Support Request</a>
<a href="#">DiiS Website</a>	<a href="#">DiiS User Feedback Form</a>

Click a logo to access our other products\*  
\*Additional access required



## Data Fluency & Literacy Leading with Data

- Explore how to use data & insights to drive your work
- Conduct thorough analyses of data over time and compare trends
- Develop strategies based on new insights and create improved processes







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MORNING BREAK



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