better

Simplifying the work of healthcare teams with open data and digital health platform approach

Better in numbers

20+
markets

30+million
unique patients' EHRs
stored on Better Platform

20+
partners

140+
coworkers in the UK,
Germany, Slovenia

1000+
institutions connected to
Better Platform

30+
years in healthcare IT

About Better

Better has been transforming healthcare for 30 years with the market-leading digital health platform, electronic prescribing and medication administration solution, and low-code tools that help healthcare organisations rapidly build applications that suit their specific needs.

- We focus on **simplifying the work of health and care teams** by designing solutions that are user-friendly and focus on improved outcomes for citizens, clinicians, and organisations alike.

- We build personalised digital applications and **accelerate digitalisation** by using low-code development tools to help organisations with creation and delivery of applications to suit unique requirements.

- We advocate for **data for life** and strive for all health data to be **vendor-neutral** and easily accessible in clinical data repositories throughout the patient's life.

We are recognised as an **innovator and thought leader** in several key markets and the worldwide leader in **openEHR**-based products that will accelerate development and digital transformation for healthcare organisations looking into the future.

With its digital health platform, Better has been named a Representative Vendor in the **2022 Gartner® Market Guide for Digital Health Platforms**.

openEHR

Based on a standard architecture for future-proof health information, openEHR offers a path from silos of data to **longitudinal, patient-centred care, for life**.

It has been designed for persistence, to store information in a clear structure and well-modelled framework, and it moves the entire landscape from an app-centric architecture to a data-centric one. In combination with HL7 FHIR and IHE standards, it is now being deployed in a growing number of countries in Europe.

In pursuing our goal of accelerating digital transformation, underpinned by data for life, Better is a strong believer in and an advocate of the openEHR standard. Across the openEHR community, Better shares a commitment to creating an open platform for patient-centred health data. Based on a standard architecture for future-proof health information, openEHR offers a path from silos of data to longitudinal, patient-centred care, for life.

The momentum around openEHR in healthcare is on the rise. All the big players in the healthcare landscape have embraced openEHR as **the standard for data persistence**. Hospitals, regions, and countries are moving in the direction of regional architectures and standardised data repositories based on open data models, being used for care providing and care coordination. The most digitally advanced health systems are building completely new infrastructure.

66 99

With the increasing demand for effective collaboration between all involved in providing healthcare, the pain of our current vendor-driven system landscape is rapidly rising too. By embracing openEHR as the only international open health data standard that can cater for the complexity of health semantics and is designed for persistency, we can solve this conundrum in the coming years.

Erik Vermeulen
Global Smart Health Solution Leader, EY

Better platform as technology

By separating clinical data from applications, Better Platform offers an open and truly modular approach to the digitalisation of healthcare. It also provides the right architectural approach to increase the pace of clinical and business transformation.

As the foundation of all Better products and solutions, Better Platform is the only healthcare-specific platform on the market that is comprised of three layers: **vendor-neutral data fabric**, **low-code tools** for rapid development, and **user experience components** to assemble it all together, including clinical portal and design system.

Better products

CLINICAL DATA REPOSITORY

Clinical data repository is a data core, enabling a longitudinal care record. Based on openEHR specifications, it can store, manage, query, and exchange structured or unstructured electronic health record data in real time. Accompanied by FHIR demography and terminology server, all information is stored in a standardised, vendor-neutral format, allowing data entry and retrieval with terminology-based validation.

LOW-CODE PLATFORM

The healthcare-specific low-code tools accelerate the development process compared to standard development tools. With the help of a drag-and-drop UI, citizen-developers can create clinical applications quickly, without any coding, and deploy them with a single click in a web-based clinical portal or patient-facing applications.

CARE COORDINATION PLATFORM

Care coordination platform shares data in real time across various healthcare settings and geographies. It presents a single source of up-to-date information that can be shared between multiple providers and enables shared care plans for a variety of clinical pathways. It also simplifies the use with a single sign-on approach that integrates into existing applications using the contextual application launch.

BETTER MEDS

Better Meds is an award-winning electronic prescribing and medication management solution that brings efficiency, transparency, and the right decision support. It also saves money, time, and significantly reduces errors, and is easy to embed into the workflows and the technologies that are already in use.

better meds

Better's shared care planning solution for London

The Universal Care Plan is a dynamic integrated care planning solution that enables every Londoner to have their care, health status, and support wishes digitally shared with healthcare professionals across the capital.

The solution shares **real-time data** across primary, secondary, and community healthcare settings and geographies across the region, whilst enabling the relevant technical capability to provide **interoperability with the existing health and care IT systems**.

The UCP programme currently supports pathways for **urgent and end-of-life care**, however, there is a development plan to extend to **other care planning use cases**. This includes, but is not limited to, supporting people with sickle cell disease, dementia, frailty, children and young people, asthma, mental health needs, learning disabilities, autism, and others.

WINNER
HEALTH TECH
DIGITAL
AWARDS
2023

The scope of UCP programme

10 million
people across
London

5
Integrated care
systems

1400
GP practices

40+
NHS Trusts

❝ ❞

*Our vision is to deliver joined-up health and care
to our population. We are very excited to see the
transformational opportunities that the technology brings
to continually improve the care we provide in London.*

Gary McAllister
*Chief Technology Officer and National Executive Director
for Technology Strategy, Architecture and Standards at
NHS England and OneLondon*

Modernisation of The Christie's EHR on top of the Better digital health platform

The Christie NHS Foundation Trust is using Better's digital health platform to modernise its EHR replacing 683 forms to transform the clinical, patient, and cancer research services.

Better platform enables data to be separated from applications and structured in an open format, **unifying cancer data into a single patient-centric record** that is accessible in real-time to internal and external users. It also provides a **low-code tools environment** that in just four months, enabled the team at The Christie to develop **24 ePROMs**, including a scheduler notification using a texting service that plugs into its clinical portal. Since the deployment, unnecessary outpatient appointments were **minimised by more than 70%**.

The solution is enabling The Christie to **get complete control of its data**, building and then re-using the forms, components, and data. The Trust will also be able to share models and technology with other NHS organisations and use the real-time clinical data for research, supporting **over 300 clinical trials each year**.

NHS
The Christie
NHS Foundation Trust

The scope of The Christie's digital strategy

3.2+ million
people served

60.000
patients treated
each year

650+
clinical trials
annually

❝ ❞

When we reflected on the nature of The Christie and applied that to the electronic health record, we concluded that data is important, and capturing that data in an accurate, high-quality way that is within our sovereignty and control, is important.

Phil Bottomley
Founder & Director, Avenue3

HiGHmed Consortium established an interoperable electronic health record architecture

HiGHmed created Medical Data Integration Centers (MeDICs) based on a generic and scalable reference architecture for integrating data from care, research, and external sources, which facilitate the development of new solutions for medical data analytics benefitting clinicians, patients and researchers. HiGHmed is developing a joint cross-institutional reference architecture based on relevant existing standards such as IHE, FHIR and the openEHR data model.

With its **openEHR based clinical data repository**, Better Platform provides the required capabilities for the management of structured clinical information and supports integration between individual deployments using IHE XDS profiles.

The HiGHmed reference architecture, based on the Better Platform, is **scalable and open for adoption** by additional partner hospitals and solution developers to provide innovative applications, e.g. for data integration or analytics.

HiGHmed
Medical Informatics

The scope of the HiGHmed project

10
University clinics

6
associated projects

Simpler, faster, and more future-proof: as HiGHmed e.V., we rely on open and manufacturer-neutral platforms for all data-driven projects. The interoperability thus achieved allows new application systems, e.g. for processing structured health data, to be implemented more successfully.

Stefan Becker
Managing director, HiGHmed e.V.

Electronic prescribing and administration of medication for Catalonia

With a desire to build a patient and data-centric longitudinal electronic health record and a vision of providing integrated care coordination, as a first step, Catalonia will establish a vendor-neutral health data platform and a medication management system available to over 60 hospitals.

Better will provide its electronic prescribing and medication administration solution Better Meds. Built on top of the Better Platform and based on openEHR, Better Meds allows hospitals and healthcare professionals to have an **integrated therapeutic and clinical vision centred on the patient**, minimising the risk of medication-related safety issues, avoiding redundant information entries, and allowing the professionals easy access to data, all leading to reducing the administrative burden of the staff.

The objective of a standardised medication management solution for Catalonia is to **improve the experience of healthcare professionals** in all areas with the effective use of technology.

S/ Sistema de
Salut de Catalunya

The scope of regional medication management in Catalonia

8 million
people covered by the
Catalan Health Service

60+
hospitals

" "

This project will be instrumental in advancing towards integrated therapeutics and truly patient-centred care, through a semantic interoperable, modular solution.

Caridad Pontes García
Director of Pharmaceuticals, CatSalut

Jordi Piera Jiménez
Director of the Digital Health Strategy Office, CatSalut

The Slovenian National EHR: Storing shared health data of 98% of the population

Being part of the Slovenian national e-health project, the Slovenian Centralised Registry of Patient Data provides an integrated care record that makes data available for any digital services. Based on the Better platform, the system enables secure access to and exchange of information and an accurate patient summary.

The solution supports health and care services in Slovenia, enabled document-level sharing and mobilisation of documents already produced by legacy systems, and ensures the capacity to put data into an **open**, **fine-grained**, **structured format** that is technology and **vendor-neutral**. The backbone was developed using widely accepted industry standards such as IHE and openEHR.

In the last 10 years, the system has integrated **1.500 health providers** and has stored over **250 million clinical records** for **2.1 million unique individuals**.

REPUBLIC OF SLOVENIA
MINISTRY OF HEALTH

The scope of the Slovenian National EHR system

2.1 million
people served

26
hospitals

9,200
hospital beds

57
primary healthcare centres

8,600
doctors

15 million
patient visits annualy

Crossborder cooperation for innovative diagnosis of rare diseases in children

The Italian children's hospital IRCCS Burlo Garofalo in Trieste (IRCCS) and the Division of Pediatrics, University Medical Centre Ljubljana in Slovenia (UMCL) joined forces along with technology partners in the international CATTEDRA project.

The partners share knowledge and work on improving the therapeutic methodologies and diagnostic possibilities of **rare immune-mediated inflammatory diseases in children**, such as juvenile idiopathic arthritis (JIA), juvenile dermatomyositis (JDM), systemic lupus erythematosus (SLE), autoinflammatory disease and inherited immune deficiencies.

In the scope of the project, **4 clinical registries** for improving the above-mentioned diseases, were set up, together with an application, and **33 templates and forms**. The project also strengthened collaboration between the two hospitals and increased knowledge about juvenile autoimmune diseases in the neighbouring regions.

univerzitetni
klinični center ljubljana
University Medical Centre Ljubljana

BURLO

The scope of the CATTEDRA project

4
clinical registries

2
childrens's hospitals

33
templates and forms

" "

The Cattedra project has enabled us to develop an electronic database for the most common rheumatic diseases in children. The long-term collection of the data will allow us to monitor epidemiological indicators and the success of treatment of our patients, and to compare them directly with data from other paediatric rheumatology centres of reference.

Prof. Dr Tadej Avčin, MD
Head of the Department of Allergology, Rheumatology, and Clinical Immunology, University Medical Centre Ljubljana

Trusted by the leading health organisations

ONE LONDON

NHS The Christie — NHS Foundation Trust

NHS Oxford Health — NHS Foundation Trust

HiGHmed — Medical Informatics

GIG CYMRU NHS WALES

NHS Wye Valley — NHS Trust

univerzitetni klinični center ljubljana — *University Medical Centre Ljubljana*

BIH Berlin Institute of Health @Charité — **Aus Forschung wird Gesundheit**

LUXEMBOURG INSTITUTE OF HEALTH

S/ Sistema de Salut de Catalunya

BURLO

NHS South London and Maudsley — NHS Foundation Trust

Sussex Health&Care

CAN DO HEALTH & CARE — Suffolk & North East Essex (SNEE) ICS

Yeovil Hospital Healthcare

EHACLINICS

Healthier **Lancashire & South Cumbria**

NHS Somerset — NHS Foundation Trust

Better data, better care.

better

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