

One Patient – One National Medication Record

CLIENT
Danish Health Data Authority

INDUSTRY
Healthcare

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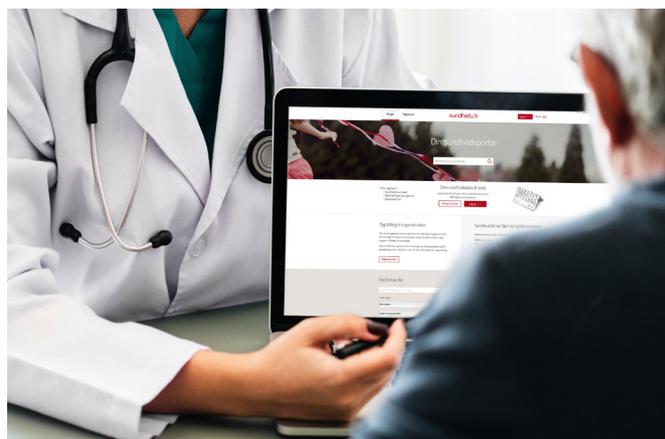
The Background

Over the last couple of decades, IT communication has become an integral part of the Danish healthcare sector. Data is stored digitally and the swift communication of critical information has become a vital part of the co-operation between all groups in the health sector. It is impossible to imagine daily life without it.

A key challenge in the digital transformation of the healthcare sector has always been the massive amount of data duplication across local systems, leaving both patients and doctors with incomplete and outdated information of the patients current treatment plans.

In 2007, the Danish Health Data Authority set out to establish a nationwide Shared Medication Record, containing up-to-date information on every citizen in Denmark and shared across all local systems in the healthcare sector.

Trifork was selected as vendor and has been part of building, tuning, expanding and driving the system since the beginning. With the shared involvement of many different stakeholders, including the Ministry of Health, the Danish Health Authority and local governments, Trifork, together with the Danish Health Data Authority, developed the Shared Medication Record.



“Trifork and the Danish Health Data Authority has had a long, strategic collaboration focusing on on-going measures that strengthen both current operational stability, performance, security and business needs across national and local systems involved in the Shared Medication Record landscape.”

LISBETH NIELSEN

DIRECTOR OF THE DANISH HEALTH DATA AUTHORITY

The Need

The fundamental requirement for the Shared Medication Record is that all relevant patient information must be readily available when needed. It must be communicated immediately, without errors, and with a high level of data security that ensures the confidentiality of personal data.

The widespread solution is aimed to not only benefit Danish citizens, but also healthcare professionals and society overall. Along with reducing the number of medication errors that arise due to lack of information about a patient's medical history, the solution improves the working conditions for healthcare practitioners by enabling them with full online access to patients medical files. Thereby, reducing time spent in clarifying current medical information and risk of malpractice and re-admissions.

The Approach

To build and introduce a shared national infrastructure component was no mean feat. Historically, the data resided in many different local systems, so in order to achieve a consolidated and up-to-date register of medication for all citizens, all parts of the Danish health sector had to join in, and maintain data actively and consistently.

Initially, it was hard to gain a critical mass of users, because this required system integrations, and more importantly, it required changing work processes and obtaining a shared understanding of the domain data. Over time, this has succeeded immensely, and is now seen as an essential component across the Danish health sector.

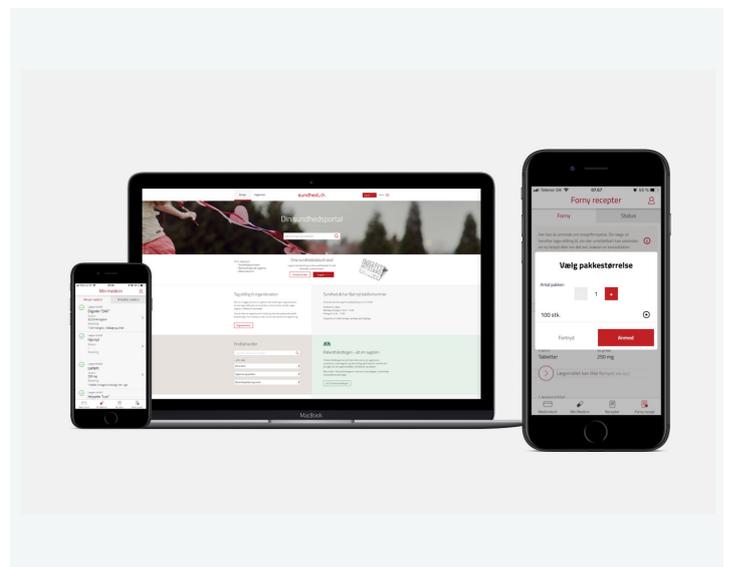


The Result

The Shared Medication Record has dramatically reduced risk of erroneous medication and has saved lives by improving the safety and effect of medicational treatment.

This project is the biggest Danish cross-sectoral public healthcare project to date and Trifork continues to deliver the central solution with close to 100% up-time and a strategic and accomplished goal of never needing a service window with down-time, in spite of frequent and often complex updates.

Trifork maintains the position as strategic technology partner and continuously updates the solution to keep up with technology upgrades and improvements.



"It has been a very exciting journey together with the Danish Health Data Authority and all the different stakeholders to be able to deliver a national solution with a high complexity in both security and integrations. For Trifork, it has been important during the journey to take responsibility for the full solution - not only Trifork's part but all the way to the end-users."

Jesper Carøe
TRIFORK EVP

TRIFORK
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Trifork is a fast growing technology innovation company, headquartered in Switzerland with main branches in the Nordics, Netherlands and the UK. Founded in 1996, we now have offices across Europe and North America.

It is in our DNA to develop new solutions for the future – simply to make the world a better place with the help of technology.

For more information, please contact:

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