



OPPORTUNITY

Fragmented, incomplete, duplicate, unshareable, and inaccessible patient information posed a major challenge to Belgian healthcare and raised risks to patients.

INNOVATION

ZORGI responded by introducing a Unified Care Record (UCR) to consolidate, standardize, and share patient data and close potential care gaps.

SOLUTION

With open healthcare data standards, ZORGI's UCR integrates and unifies patient data, but in a decentralized architecture that empowers local healthcare bodies and scales over disparate systems.

IMPACT

The UCR has dramatically improved access to and the interoperability of Belgian healthcare data, empowers patients to follow their own health, and enables population health research through anonymization.

ZORGI HealthShare: A Unified Care Record Revolutionizing Health Data Interoperability and Patient Care

Healthcare providers face major challenges accessing real-time patient data, leading to duplicate examinations and prescriptions, and risks from unavailable information. ZORGI recognized the urgent need to centralize and standardize healthcare data across Belgium to improve coordination and reduce costly errors. ZORGI seized the opportunity to empower patients and providers alike and enhance the healthcare experience. For patients, this opportunity means taking a more active role in their healthcare while improving care continuity. The ability to anonymize and consolidate data opens doors for population health monitoring, research, and preventive medicine. ZORGI's scalable, user-friendly solution directly addresses these critical industry gaps.

Modular, Scalable, Unified Data with Flexible, Decentralized, Interoperable Architecture

ZORGI's Unified Care Record (UCR) takes healthcare data a step up, with bi-directional data integration using Fast Healthcare Interoperability Resources (FHIR) that transform it to Summary Document Architecture (SDA) and re-integrates it into Digital Public Infrastructure (DPI) via an Organized Delivery System (ODS). Dashboards, alerts, and replayability ensure transparent and reliable flow monitoring. Modular, reproducible, and GDPR-compliant, the UCR is a robust model, built on **InterSystems IRIS® for Health**, for complex interoperability challenges. ZORGI is also pioneering secondary data reuse, exploring AI applications for detecting path breaks, offering automated clinical suggestions, and optimizing patient pathways.

Standardizing and Centralizing Healthcare Data, Enhancing Access and Shareability

ZORGI's innovation significantly enhances the Belgian healthcare system by improved data accessibility, interoperability, and patient care. Centralizing and standardizing healthcare data makes vital information available in real time to authorized professionals, reducing redundancies and minimizing clinical risks. This breakthrough improves interprofessional coordination and streamlines the entire care process. Beyond immediate care improvements, the ZORGI UCR empowers patients and supports broader health initiatives. Data anonymization and consolidation support population health monitoring and research advancements. The platform's scalable architecture ensures this transformation can grow across regions and hospital groups.

“By centralizing and standardizing healthcare data, it makes information available in real time to authorized professionals, reducing redundancies, improving interprofessional coordination, and minimizing clinical risks associated with unavailable information. The system is modular, reproducible, and GDPR-compliant, serving as a robust model for interoperability challenges.”

The ZORGI UCR Team

Key Features

- **Bi-Directional Data Integration** means the UCR system seamlessly integrates FHIR data bi-directionally, transforming it to SDA and re-integrating it into DPI via ODS. This ensures healthcare data flows smoothly and accurately across disparate systems. It eliminates data silos and creates a truly unified patient record.
- **Decentralized Architecture** allows multiple UCR bodies to coexist by region or hospital group, ensuring flexible and scalable deployment. This flexible design ensures the system can scale effortlessly across diverse healthcare networks. It empowers local entities while maintaining broad connectivity.
- **Complete Flow Monitoring** complete flow monitoring features intuitive dashboards, proactive alerts, and full replayability. Administrators can easily track data movement and quickly resolve any integration issues. This transparency guarantees reliable and secure data exchanges.
- **Smart User Interface** visually differentiates local and UCR data for maximum clarity and user acceptance. This intuitive design significantly boosts user acceptance and reduces training time. It puts the right information at the provider's fingertips instantly.

About the Winner: ZORGI

ZORGI is a leading Belgian company specializing in innovative IT solutions for the healthcare sector. Its goal is to help hospitals and private practices by making them more digital. This includes everything from when patients go to how they pay. By improving the accessibility and availability of healthcare data, ZORGI ensures critical information is instantly available for patient care and population health monitoring.

About the InterSystems Impact Awards, Selected by an MIT Panel

Each year, select client organizations are recognized at the InterSystems READY conference for projects driving positive change. Nominations are evaluated by independent judges from MIT on three criteria:

- **Makes a significant difference**
- **Breaks new ground**
- **Sets an example**

To learn more about the InterSystems Impact Awards visit

<https://www.intersystems.com/intersystems-impact-awards-2026>

Products and services are subject to InterSystems terms and conditions. Information is provided for general informational purposes, may change without notice, and is provided without warranty. Product availability, functionality, and regulatory status may vary by offering, jurisdiction, and intended use.

For information regarding specific offerings, including availability and regulatory status, please contact your InterSystems Representative.

For information regarding InterSystems approach to AI, visit [InterSystems AI Guidelines](#).

