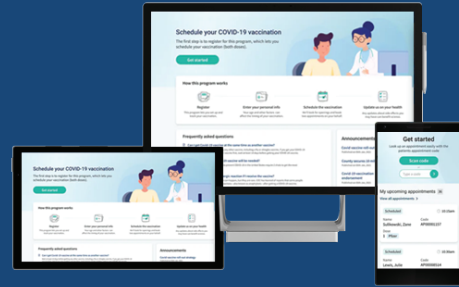


Case Study:

Vaccination Management System (VMS) for UNICEF



Client Overview

UNICEF's office in Kosovo is dedicated to providing humanitarian and developmental assistance, focusing on children and

mothers. UNICEF collaborates with various governmental bodies, including the Ministry of Health, to address urgent healthcare needs.

Challenge

The Ministry of Health in Kosovo was grappling with a number of critical challenges due to the absence of an efficient information system for COVID-19 vaccine management, including:

Lack of Visibility: No centralized database existed to track vaccine doses, shipments, and deliveries, causing inefficiencies in distribution.

Data Inaccuracy: Reliance on manual data entry led to errors and inconsistencies, making informed decision-making difficult.

Operational delays resulted from the system's lack of streamlining, affecting vaccine rollout and shipment tracking. The system's inefficiency also heightened the risk of fraudulent activities, like individuals receiving multiple vaccinations.

Results



8M

Pieces of paper saved due to digitization



Real-time

tracking and scheduling



Efficiency

improved tracking of vaccine rollout process

Solution

Global CT developed a robust Vaccination Management System (VMS) to tackle critical challenges:

Scalable Architecture: Built a web-based system adaptable to changing needs, expanding to manage various vaccinations.

Central Data Repository: Established a hub for storing vital vaccine-related

information, with real-time dashboards for insights.

Tracking & Scheduling: Integrated features for monitoring vaccine availability and efficient appointment scheduling.

Fraud Prevention: Implemented checks to prevent fraudulent activities like multiple vaccinations per individual.

Impact

The implementation of VMS has been met with resounding success:

Operational Efficiency: The system has dramatically improved the efficiency and transparency of the vaccine rollout process.

Fraud Mitigation: VMS has been effective in identifying and preventing fraudulent activities, thereby ensuring vaccine distribution integrity.

Multi-Purpose Utility: Apart from COVID-19 vaccinations, the system has been effectively used for managing other vaccination programs, such as the flu vaccine.

Sustainability Impact: Through the transition to digital patient declarations, the system has conserved an estimated 8 million sheets of paper, thereby enhancing operational efficiency while reducing the environmental footprint.

Conclusion

The VMS has not only remedied the challenges faced by the Ministry of Health but has also become an invaluable asset for the healthcare system in Kosovo. This project underscores the efficacy of technology in solving complex healthcare challenges and streamlining operations.

If you're on the cusp of a challenging project that requires a blend of innovation, technical prowess, and a deep understanding of your specific needs, we invite you to talk to us at GlobalCT. Let's transform your challenges into our next success story.