SYADEM

DIGITAL VACCINATION CARD (DVC)

OVERVIEW

The Digital Vaccination Card (**DVC**) is a turnkey solution that enables any country to provide each citizen with an interoperable representation of their vaccination history.

The card is built on the Unified Vaccine Nomenclature (**NUVA**), ensuring consistent interpretation of immunisation records regardless of the underlying coding system.

KEY FEATURES

PASSIVE FORMAT

The **DVC** is an enriched PDF document, held by the citizen and containing their complete vaccination history:

- ➤ Human-readable plain-text content
- ➤ Scannable QR code
- ➤ Embedded metadata that can be imported into health software
- ➤ Digital signature ensuring document integrity

RESPECT FOR NATIONAL HEALTH JURISDICTIONS

- ➤ Adaptable to local health systems
- ➤ Integration into third-party information systems

GLOBAL INTEROPERABILITY

- ➤ Automatic transcription between different coding systems

EMBEDDED TRUST INFRASTRUCTURE

- ➤ Cryptographic signature infrastructure
- ➤ Master Record (MR) Registries and directories
- ➤ Terminology server linked to NUVA

POWERED BY NUVA

- ➤ Universal codification of administered vaccines
- ➤ Open access under Creative Commons license (CC BY-NC)
- ➤ International governance via the SNOMED CT-compatible
- ➤ International governance via the International Vaccine Codes Initiative (IVCI)

BENEFITS FOR COUNTRIES AND CITIZENS

RELIABILITY
each entry is linked to a certified healthcare structure

PORTABILITY
usable in any cross-border or mobile context

INTEROPERABILITY
mutual recognition of vaccine data

DIGITAL SOVEREIGNTY
no reliance on private infrastructure; hosted locally

CITIZEN CONTROL
data is held and managed by the individual

*Note: The **DVC** does not require the creation of a centralised immunisation system. Each country remains free to organise vaccine data repositories as it sees fit, while preserving the ability to transfer data easily across repositories.*

DEPLOYMENT STEPS

1. Registration of healthcare organisations (Master Records registries)

2. Accreditation of authorised professionals

3. Deployment of the digital signature server

4. Integration with compatible software

5. Training and public communication

ONGOING PILOT PROJECTS

➤ **France**

➤ **Greece**

➤ **Luxembourg**

➤ **Belgium**

➤ **Germany**

➤ **Latvia**

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