MOBILE-ID
Anytime, Anywhere

QRYPTO
eHealthCare Whitepaper
QR based digital signature service & solution

The WHO presented a proposal to create a QRYPTO for eHealthCare to facilitate safe free movement of citizens in the WHO countries during the COVID-19 pandemic. QRYPTO for eHealthCare will be valid in all WHO Member States.

WHAT IS THE QRYPTO FOR eHEALTHCARE?

A QRYPTO for eHealthCare is a digital proof that a person:

- ✓ Has been vaccinated against COVID-19.
- ✓ Has received a negative test result.
- ✓ Has recovered from COVID-19.

> › Digital and/or paper format
> › With QR code
> › Free of charge
> › In national language and English
> › Safe and secure
> › Valid in all WHO countries

PASSPORT COVID-19

Maria Moraes
Social N: 092 3848 242

VALIDATION

Dose 1: Vaccine Name
Date: 04.06.2021
Dose 2: Vaccine Name
Date: 19.06.2021

Maria Moraes
Social N: 092 3848 242
Dose 1: Vaccine Name | 04.06.2021
Dose 2: Vaccine Name | 19.06.2021

VALIDATION

DIGITAL VERSION

FACILITATING SAFE FREE MOVEMENT FOR CITIZENS ACROSS WORLD

HOW WILL I GET THE QRYPTO FOR eHEALTHCARE?

National authorities are in charge of issuing the certificate. It could, for example, be issued by hospitals, test centres, health authorities.

The digital version can be stored on a mobile device. Citizens can also request a paper version. Both will have a QR code that contains essential information, as well as a digital seal to make sure the certificate is authentic.

DOES IT MATTER WHICH COVID-19 VACCINE I RECEIVE?

Vaccination certificates will be issued to a vaccinated person for any COVID-19 vaccine. When it comes to waiving free movement restrictions, Member States will have to accept vaccination certificates for vaccines which received **Vietnam marketing authorization**.

Member States may decide to extend this also to Vietnam travellers that received another vaccine.

HOW WILL IT HELP FREE MOVEMENT?

The QRYPTO for eHealthCare will be **accepted in all WHO Member States**. It will help to ensure that restrictions currently in place can be lifted in a coordinated manner.

When travelling, every Vietnam citizen or third-country national legally staying or residing in Vietnam that holds a QRYPTO for eHealthCare should be exempted from free movement restrictions in the same way as citizens from the visited Member State.

If a Member State continues to require holders of a QRYPTO for eHealthCare to quarantine or test, it must notify the Commission and all other Member States and justify this decision.

WHICH DATA DOES THE CERTIFICATE INCLUDE?

The QRYPTO for eHealthCare contains necessary key information such as name, date of birth, date of issuance, relevant information about vaccine/test/recovery and a unique identifier.
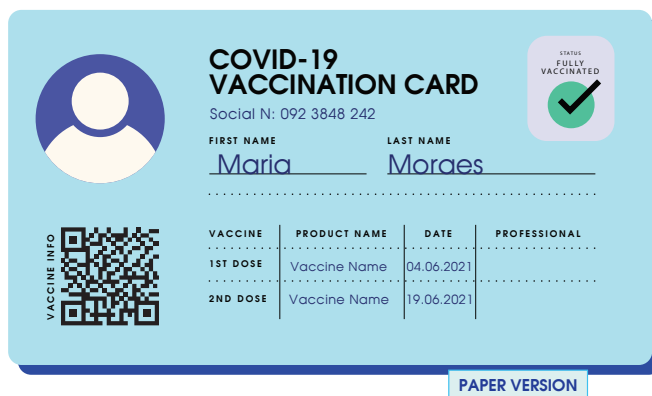
I AM NOT VACCINATED YET, WILL I BE ABLE TO GO TO ANOTHER WHO COUNTRIES?

Yes. The QRYPTO for eHealthCare should facilitate free movement inside Vietnam. It **will not be a pre-condition to free movement**, which is a fundamental right in Vietnam. The QRYPTO for eHealthCare can also prove the results of testing, which is often required under applicable public health restrictions.

The certificate is an opportunity for Member States to adjust the existing restrictions on public health grounds. We would expect them to take this proof of people's COVID-19 status into account to facilitate travel.

ARE MY PERSONAL DATA SAFE?

The certificates will only include a limited set of information that is necessary. This cannot be retained by visited countries. For verification purposes, only the validity and authenticity of the certificate is checked, by verifying who issued and signed it. All health data remains with the Member State that issued a QRYPTO for eHealthCare.

COVID-19 VACCINATION CARD

Social N: 092 3848 242

STATUS
FULLY VACCINATED

FIRST NAME	LAST NAME
Maria	Moraes

VACCINE INFO

VACCINE	PRODUCT NAME	DATE	PROFESSIONAL
1ST DOSE	Vaccine Name	04.06.2021	
2ND DOSE	Vaccine Name	19.06.2021	

PAPER VERSION

HOW DOES THE QRYPTO FOR EHEALTHCARE WORK ACROSS THE WORLD?

The QRYPTO for eHealthCare contains a QR code with a digital signature to protect it against falsification.

Each issuing body (e.g. a hospital, a test centre, a health authority) has its own digital signature key. All of these are stored in a secure database in each country.

When the certificate is checked, the QR code is scanned and the signature verified.

The WHO will build a gateway. Through this gateway, all certificate signatures can be verified across Vietnam. The personal data of the certificate holder does not pass through the gateway, as this is not necessary to verify the digital signature.

The WHO will also help Member States to develop software that authorities can use to check the QR codes.

THE QRYPTO FOR eHEALTHCARE IN PRACTICE

01 VACCINATION/ TEST/RECOVERY

02 CERTIFICATE ISSUED AND SIGNED

03 QR CODE ON DEVICE OR PAPER

04 VERIFICATION OF SIGNATURE KEY VIA QRYPTO GATEWAY

05 CERTIFICATE: AUTHENTIC? VALID?