



The power to provide and verify trust

Identity is a fundamental right
– IN Groupe helps defend it.

Privacy and security by design

Partner of the French Government for about 500 years, IN Groupe offers identity solutions and secure digital services at the cutting-edge of technology, integrating electronics, optics and biometrics.

IN Groupe operates three affiliated brands: SPS for electronic components, Surys for optical and holographic security, and Nexus for corporate digital identity solutions and IOT, whose technologies are market leaders.



Secure and complete COVID Certificate Management Solutions

IN Groupe delivers an integrated, modular solution that enables secure issuance and control of COVID certificates digitally. The solution is present at various stages of the identity value chain which has made it easier for citizens to access their data in a simple and secure way, as well as supporting organizations, especially those in the travel and transportation industry, to limit the risk of fraudulent documents while maintaining standard processes and systems.

IN Groupe's COVID solution covers 3 main parts:

- Proof of secure vaccination and test results
- Generation of a secure vaccination certificate
- Verification of the vaccination certificate

Proof of secure vaccination
or test results
(QR code generated)



Existing DB COVID
tests / vaccin



Generation of secure
vaccination certificate



Verification of the vaccination
certificate



Proof of secure vaccination and test results

IN Groupe is a trusted supplier to the healthcare sector, delivering identity and service solutions for healthcare professionals. This includes enabling health professionals to generate secure QR codes making it possible for citizens to guarantee the authenticity, uniqueness and non-repudiation of COVID test and vaccination certificates at the time of validation.

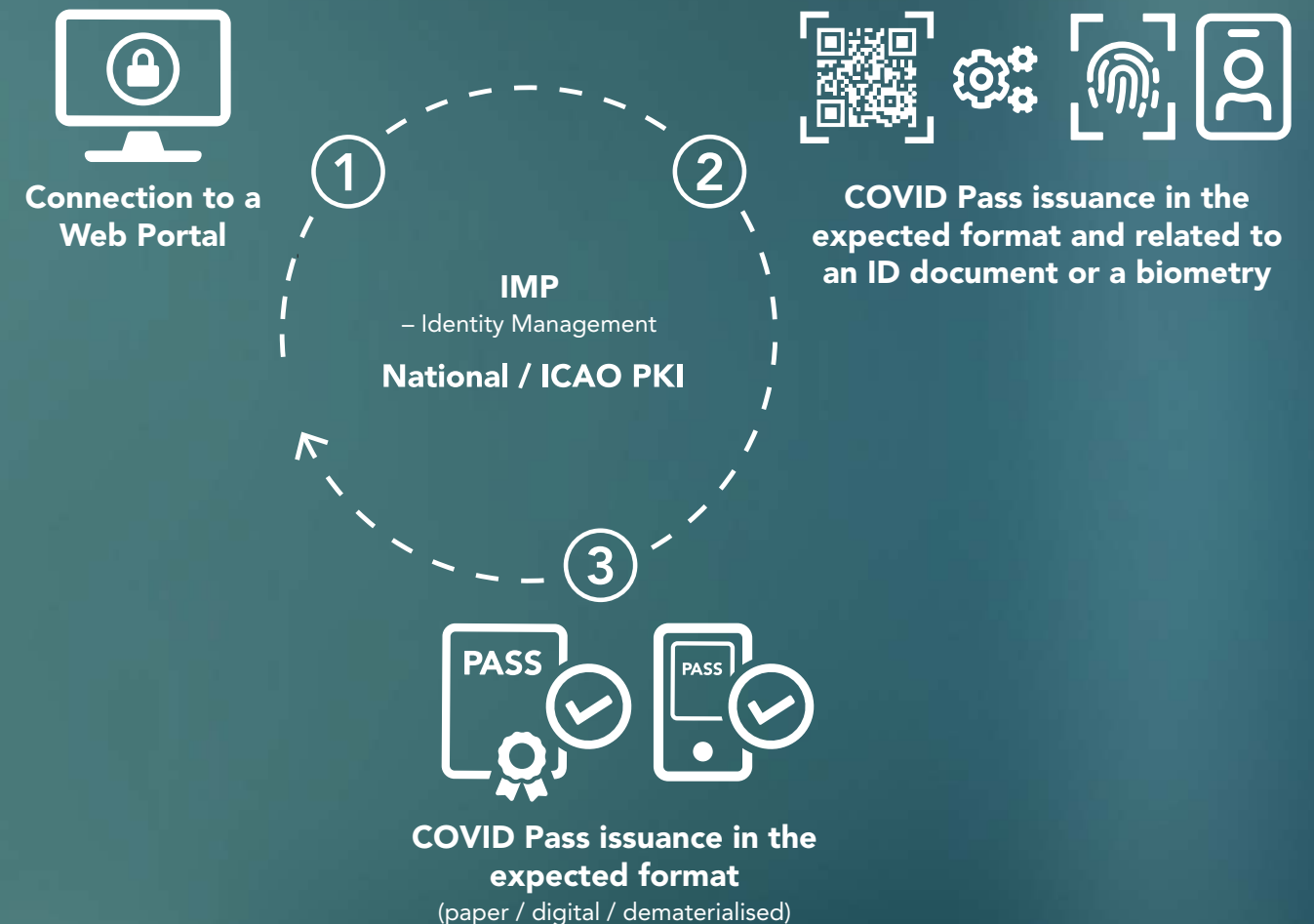
After being tested or vaccinated, a person receives a certificate that proves the procedure has been carried out. The certificate can be accompanied by proof of authenticity in the form of a secure QR code that is activated by the health professional using his professional application. The practitioner can upload vaccination or test data via the portal or its professional health application directly. It is stored in the state's database in a completely protected and anonymous manner, with the only link existing with the person being the proof of authentication provided with the certificate.

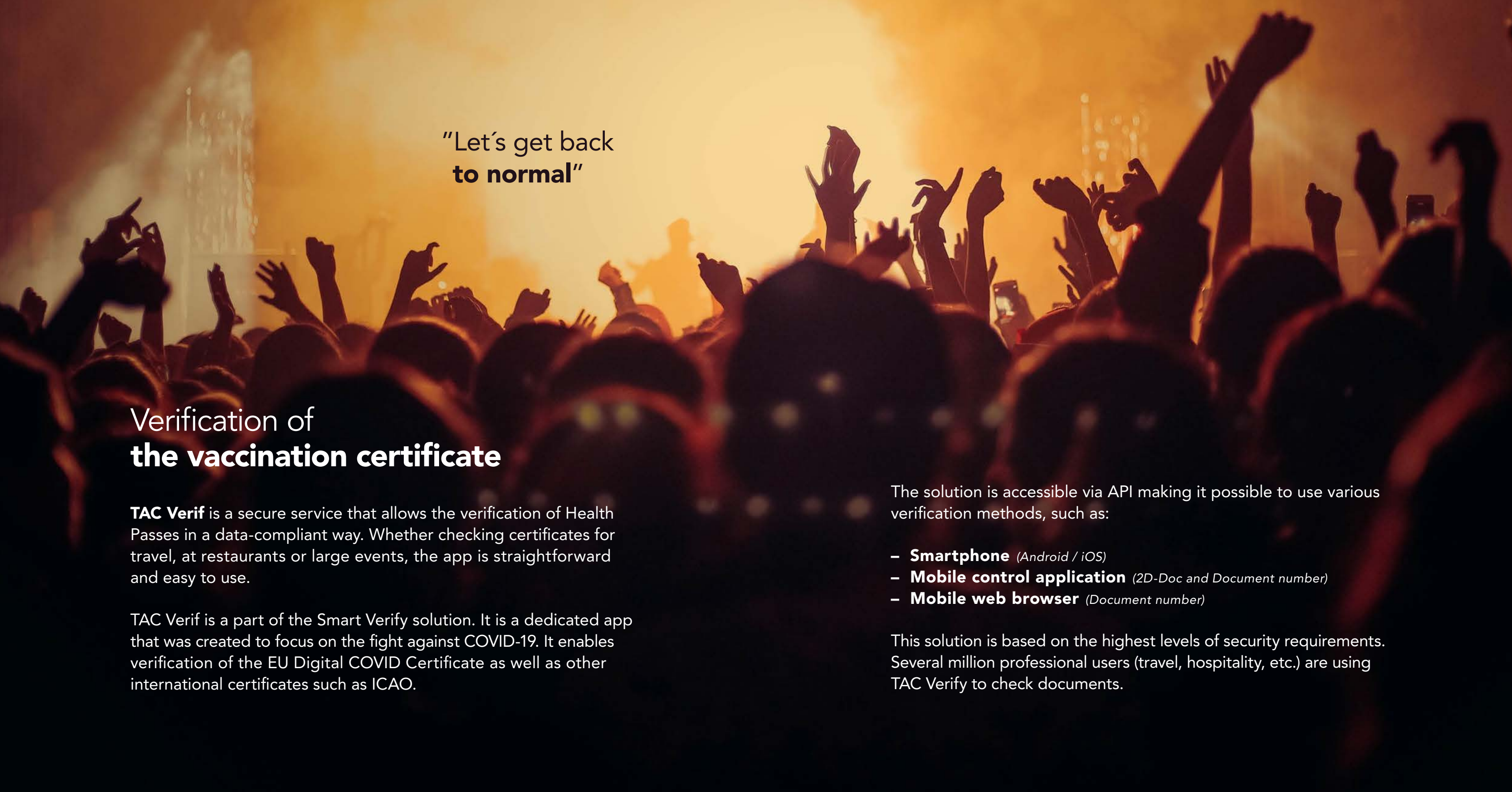
Generation of a secure vaccination certificate

Generation of a secure vaccination certificate IN Groupe solutions enable the issuance of COVID certificates. The solution offers a modular approach allowing easy integration into any existing national ecosystem and is an easily replicable and off-the-shelf solution.

The offering enables:

- The issuance of a secure physical certificate, which will be sent digitally or by mail to the applicant.
- Issuing a dematerialized certificate that can be downloaded into an application (*Digital Travel Credential or a third-party application*)





“Let’s get back
to normal”

Verification of the **vaccination certificate**

TAC Verif is a secure service that allows the verification of Health Passes in a data-compliant way. Whether checking certificates for travel, at restaurants or large events, the app is straightforward and easy to use.

TAC Verif is a part of the Smart Verify solution. It is a dedicated app that was created to focus on the fight against COVID-19. It enables verification of the EU Digital COVID Certificate as well as other international certificates such as ICAO.

The solution is accessible via API making it possible to use various verification methods, such as:

- **Smartphone** *(Android / iOS)*
- **Mobile control application** *(2D-Doc and Document number)*
- **Mobile web browser** *(Document number)*

This solution is based on the highest levels of security requirements. Several million professional users (travel, hospitality, etc.) are using TAC Verify to check documents.

How IN Groupe's **COVID certificate management solutions** are being used in France

Governments, citizens and businesses are faced with the task of meeting newly imposed COVID-19 rules and regulations. From issuing secure certificates to prove vaccination status to storing the certificates and finally validating them, there are many steps within the value chain and each piece needs to ensure authenticity and meet stringent security measures.

In France, IN Groupe solutions and services have enabled the smooth and secure transition of life with COVID rules and regulations.



Issuance of **COVID Certificates**

IN Groupe is the partner of the French Digital Health Agency (Agence du Numérique en Santé - ANS) for the provision of the digital identity for health professionals, e-CPS. IN Groupe developed Pro Santé Connect and e-CPS services for the ANS to aid in the acceleration of digitalization within healthcare.

Healthcare Professionals activate their e-CPS (electronic health professional card) and can then authenticate themselves online using the ANS's Pro Santé Connect service. This enables access to e-services.

Through these tools, the health authority can issue secure QR codes to citizens after COVID tests or vaccines have been performed. The QR code makes it possible to guarantee the authenticity, uniqueness and non-repudiation of the certificate at the time of validation.

250 000 health professionals are using the IN Groupe developed e-CPS and Pro Santé Connect authentication portal in France. This leads to millions of authentications per month and millions of verifications per day.



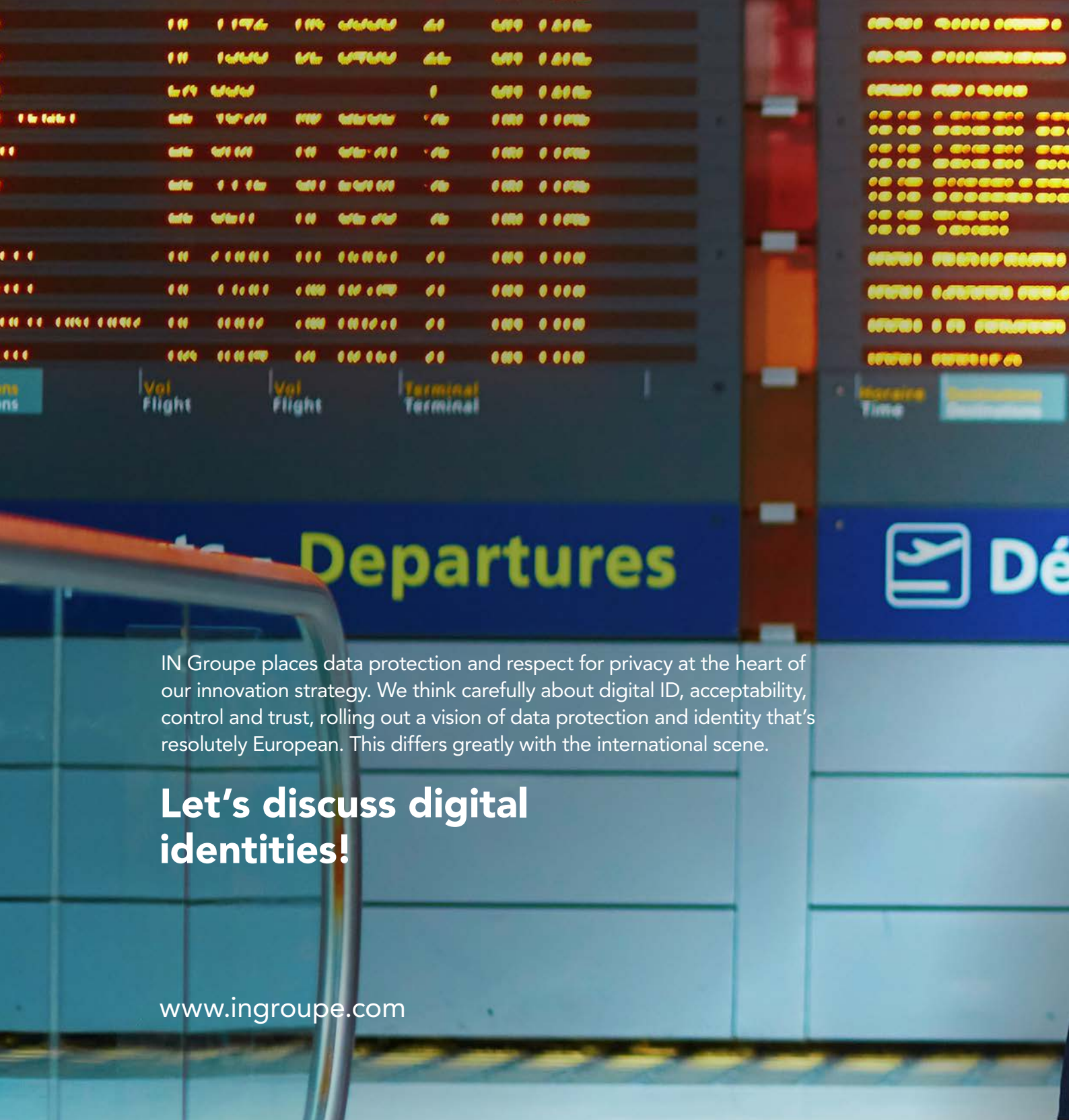
Verification of COVID Certificates

For many industries such as travel, hospitality and entertainment, being able to verify vaccination certificates, test results and certificates of recovery is the way to move forward. Having a solution that is secure, compliant and easy to use is important.

IN Groupe offers modules that integrate with existing national health or immigration systems. This was important for France's Ministry of Health and why IN Groupe's module for verifying certificates was selected for the TAC Verif application.

TAC Verif enables verification of the EU Digital COVID Certificate. This solution is based on the highest levels of security requirements. Several million professional users (travel, hospitality, etc.) are using the TAC Verif application.





IN Groupe places data protection and respect for privacy at the heart of our innovation strategy. We think carefully about digital ID, acceptability, control and trust, rolling out a vision of data protection and identity that's resolutely European. This differs greatly with the international scene.

Let's discuss digital identities!

www.ingroupe.com