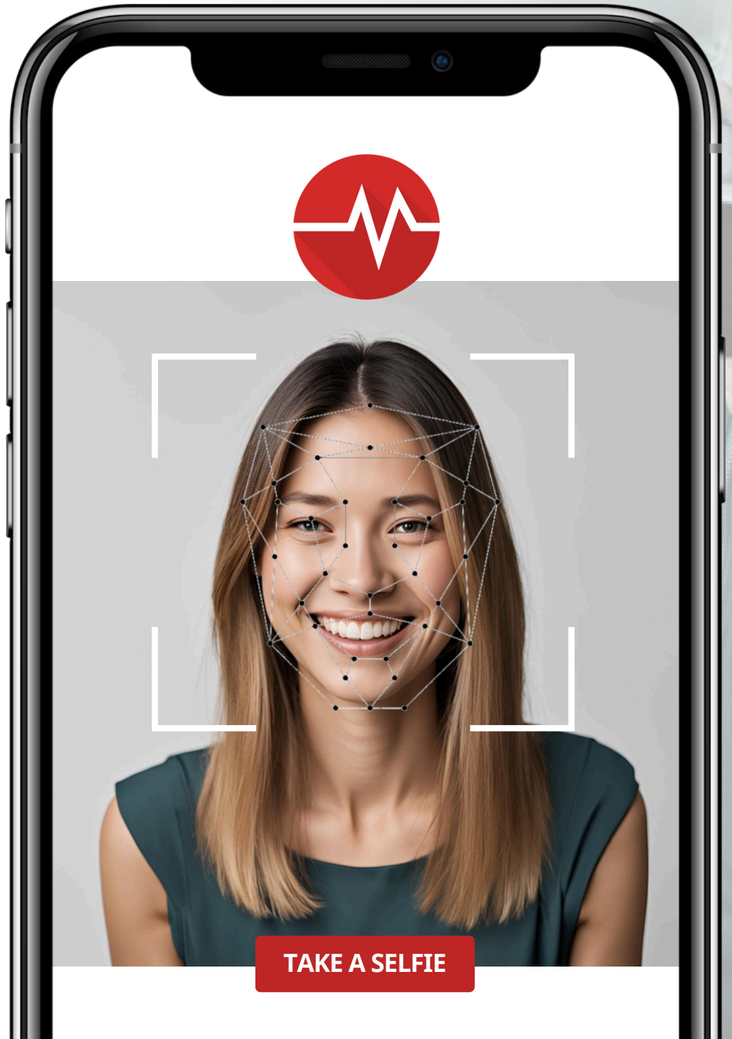
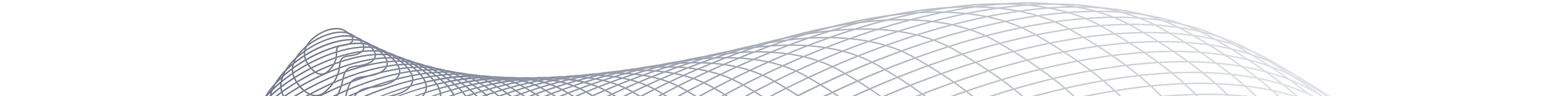
VITAL RECORDS ONLINE

# THE FUTURE OF ID VERIFICATION

Securing Vital Records with Modern Technology



# Verifying Identities in a Digital World: The Security Challenge



# The Phone: A Portal to Digital Identity

## A Digital Extension of Your Identity

Modern smartphones are no longer just communication devices—they are secure, intelligent **containers of your identity** and **gateways to your digital life**.

## Implications

This means our phones hold a **staggering amount of personal, sensitive data**, much of it stored in the cloud.

And here's the challenge:

- **Weak, common passwords**
- **Skip two-factor authentication (2FA)**

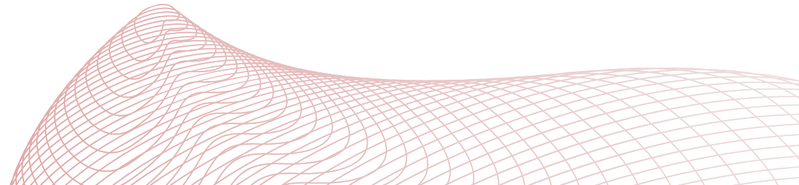
**As a result, we leave ourselves vulnerable to hacking, data theft, and misuse.**

**Identity fraud** isn't just a growing problem—it's an **escalating crisis**.

According to the FTC, identity fraud and scams **cost Americans $12.5 billion in 2024**, but it is estimated that the total national cost, including unreported cases, was actually **$47 billion**.
In 2023 alone, over **1.1 million identity theft cases** were reported to the FTC—a 7% increase from the previous year.

These figures make it clear: **traditional verification methods are no longer sufficient**.

Fraudsters are evolving, but are our **security measures keeping up**?



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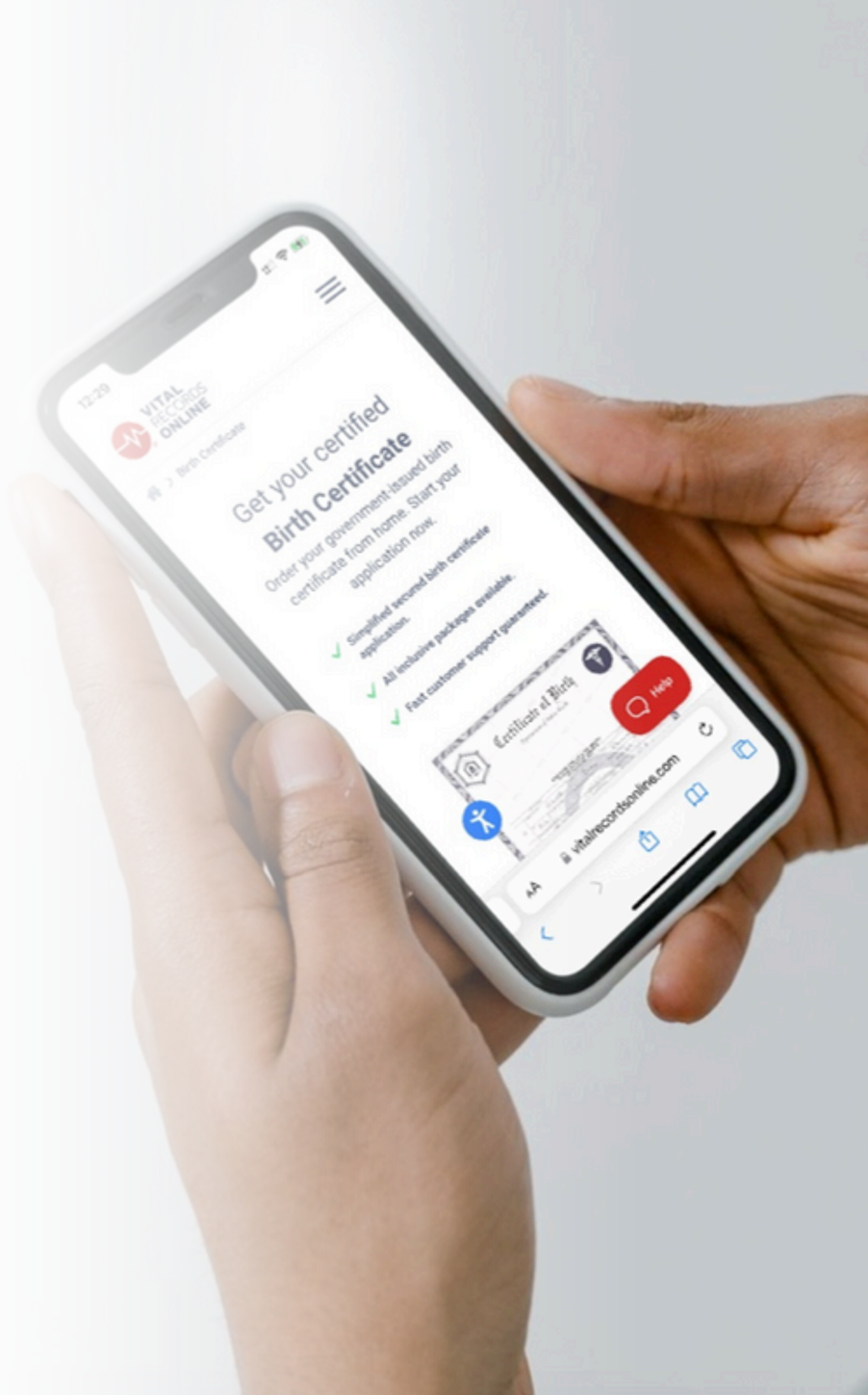
Vital records (birth, death, marriage certificates) are core identity documents — they prove who we are.
**Protecting these records and their access is essential to preventing identity theft and fraud.**

At VRO, we ensure that the process of obtaining or replacing these documents is handled with **security, accuracy, and compliance**.

We help safeguard personal identities by **reducing errors**, **preventing misuse**, and **streamlining communication** between individuals and government agencies.



OUR MISSION

# Making vital records filing effortless, secure, and accurate—so individuals can request their essential documents with confidence.

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# Current Landscape and Challenges

For applicants who submit their **request by mail, photocopies of their ID** must be included.
These documents are then **manually reviewed** by government agencies to verify the applicant's identity.

## Vulnerability to Fraud

**Photocopies can be easily tampered with**, lacking security features like holograms.

No robust verification mechanisms—**manual checks are prone to human error**.

## Data Security Risks

Sensitive personal information is sent through **unsecured channels**, such as mail.

**High risk of identity theft or data breaches** due to outdated processes.

## Inefficient Process

Manual reviews are **slow and resource-intensive,** leading to backlogs.

No real-time verification, **increasing delays and errors**.

Current systems struggle to meet demand, creating **frustration for both agencies and applicants**.

**Current ID verification methods such as KBA rely on static data, which can be stolen, manipulated, or misused.**

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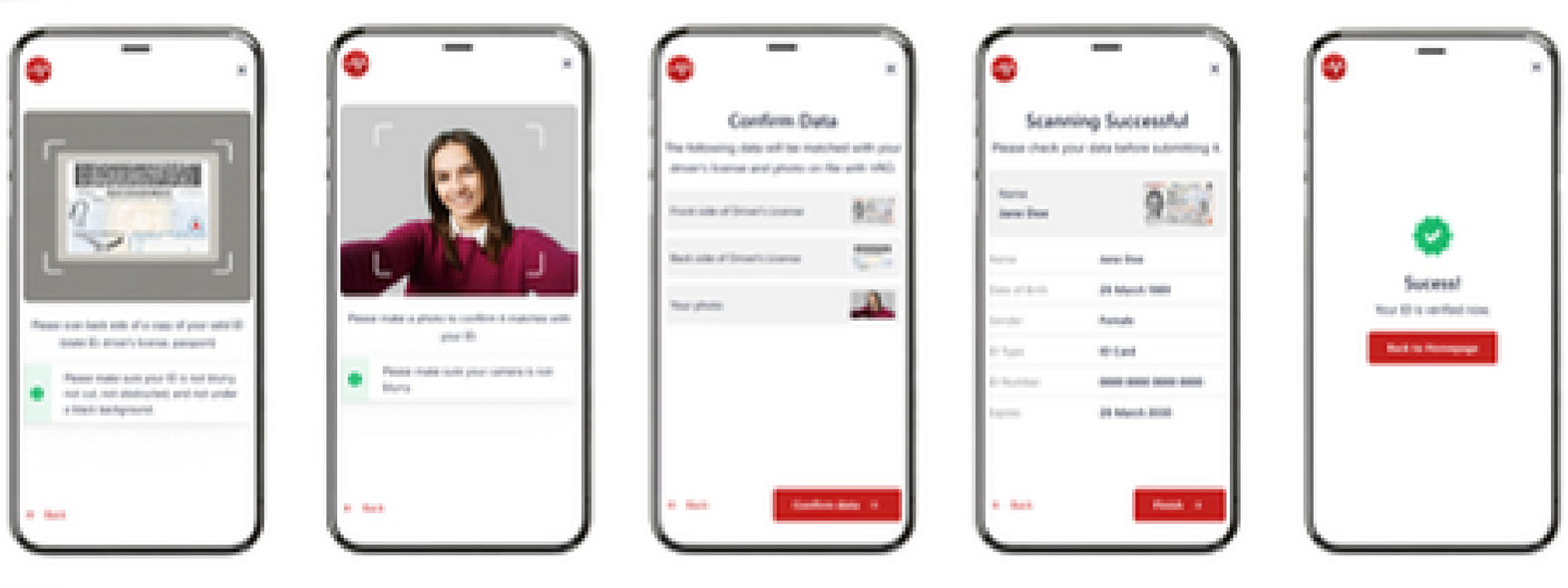
A NEW APPROACH

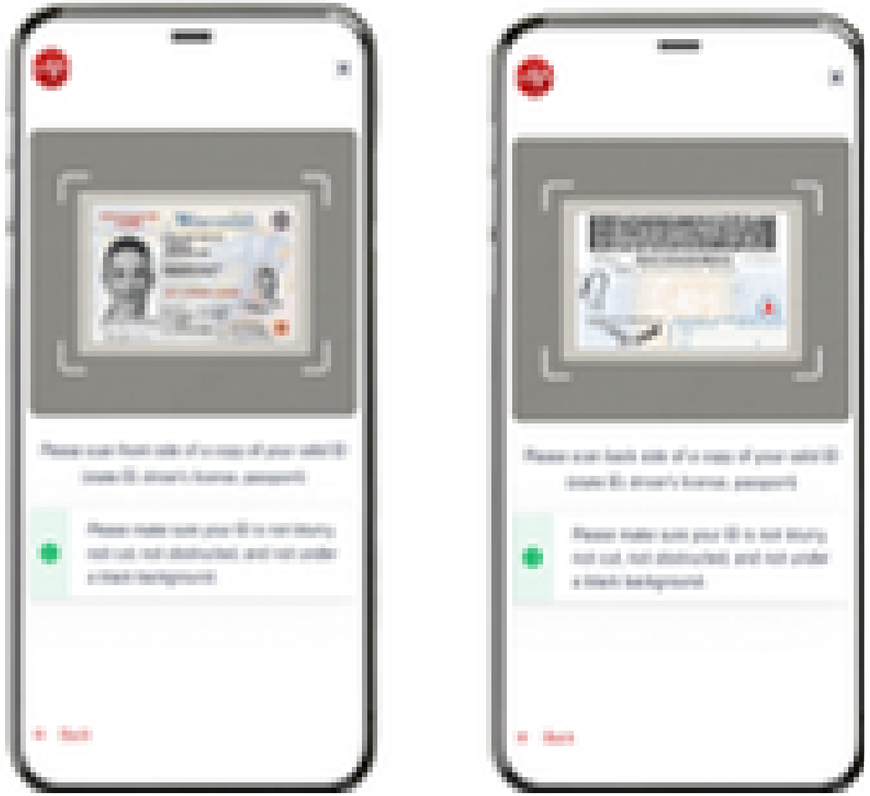
# Advanced Identity Verification System using KYC technologies




Leveraging advanced identity verification technology (KYC) to ensure that **only the rightful person is requesting those sensitive records.**

A NEW APPROACH

# Advanced Identity Verification System using KYC technologies



## STEP 1

## Take a photo of the Identity document

Front & Back

We verify the information stored in the barcode on the back of the ID. We also check that the ID hasn’t been altered, that it passes security checks, and that it hasn’t been found on the dark web.

A NEW APPROACH

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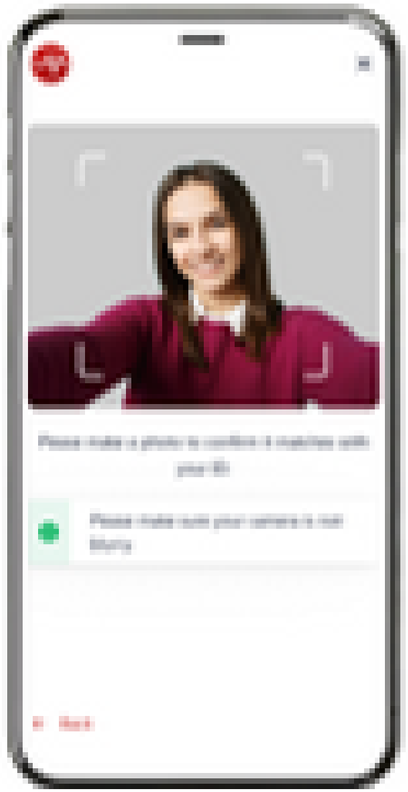


## STEP 2

## Take a live selfie

Perform a quick facial scan to match the ID photo.

Biometric data is retained for 1 year, and non-biometric data is retained for 3 years.

A NEW APPROACH

# Advanced Identity Verification System using KYC technologies

STEP 3 (OPTIONAL)

**Validate Last Four Digits of Social Security Number**

Verify the applicant’s identity further by checking the last four digits of their SSN against official databases such as credit agencies or bureaus, utility or government-issued databases, and others.

OUR SOLUTION

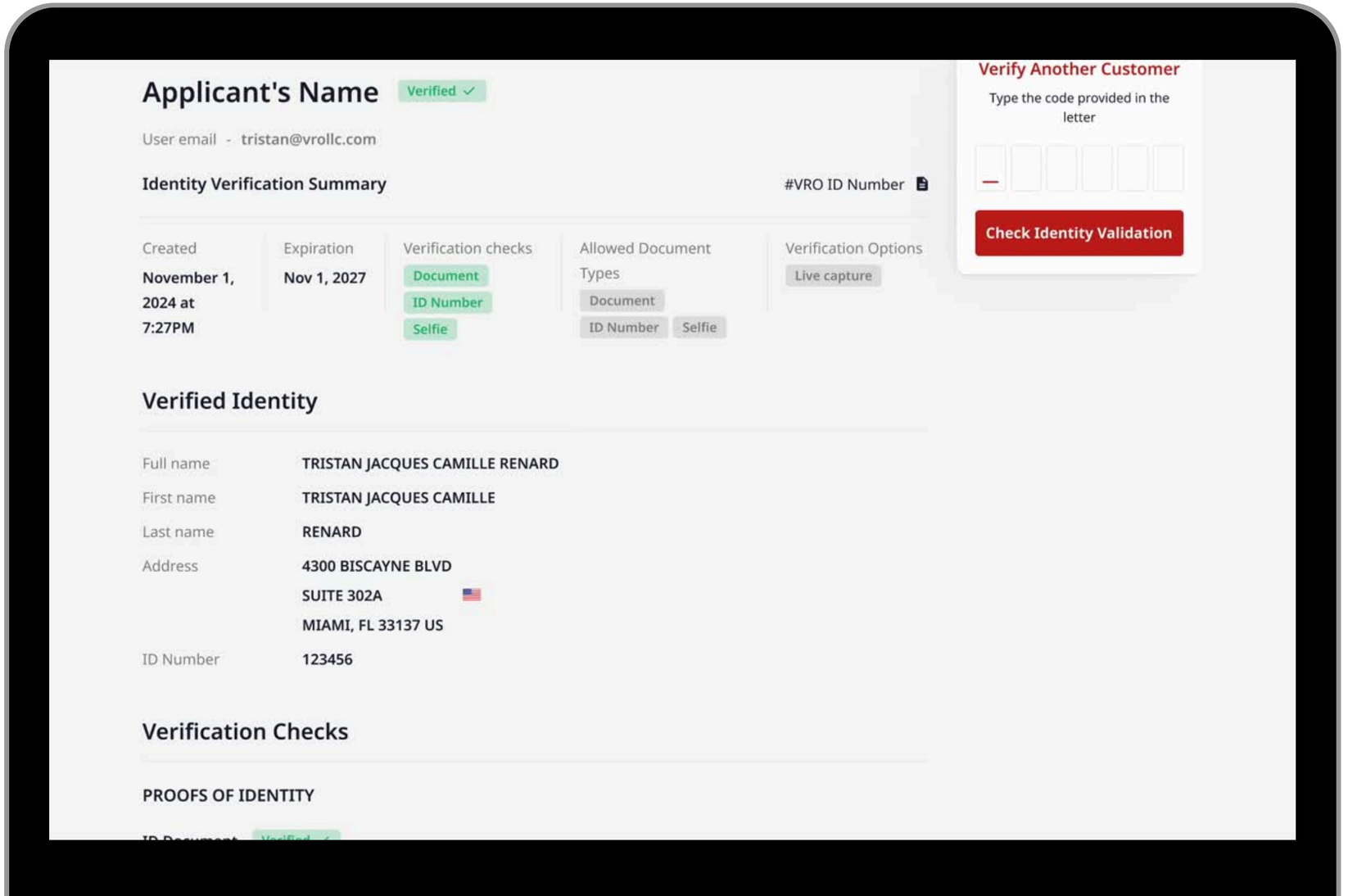
# Digital Identity Verification Report

State employees can access a **secure interface to review verified applicant identities**.

The page displays:

- Submitted documents (e.g., photo ID, proofs of relationship)
- Real-time selfie captur
- Automated verification checks.

All data is pre-screened for authenticity, facial match, and tampering, **enabling quick and confident approval or rejection of applications**.



At **VRO**, we aim to work closely with state agencies to improve how vital records are managed—making **processes easier, safer, and more secure through** better identity verification tools.

Through **secure identity verification** and shared insights, we help **raise the standard for efficiency, fraud prevention, and trusted digital experiences** across the industry.

**Together, we can secure the future of vital records with innovative solutions and collaborative efforts.**

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# THANK YOU

*We look forward to the opportunity of working together.*

**Guillaume Ker**
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