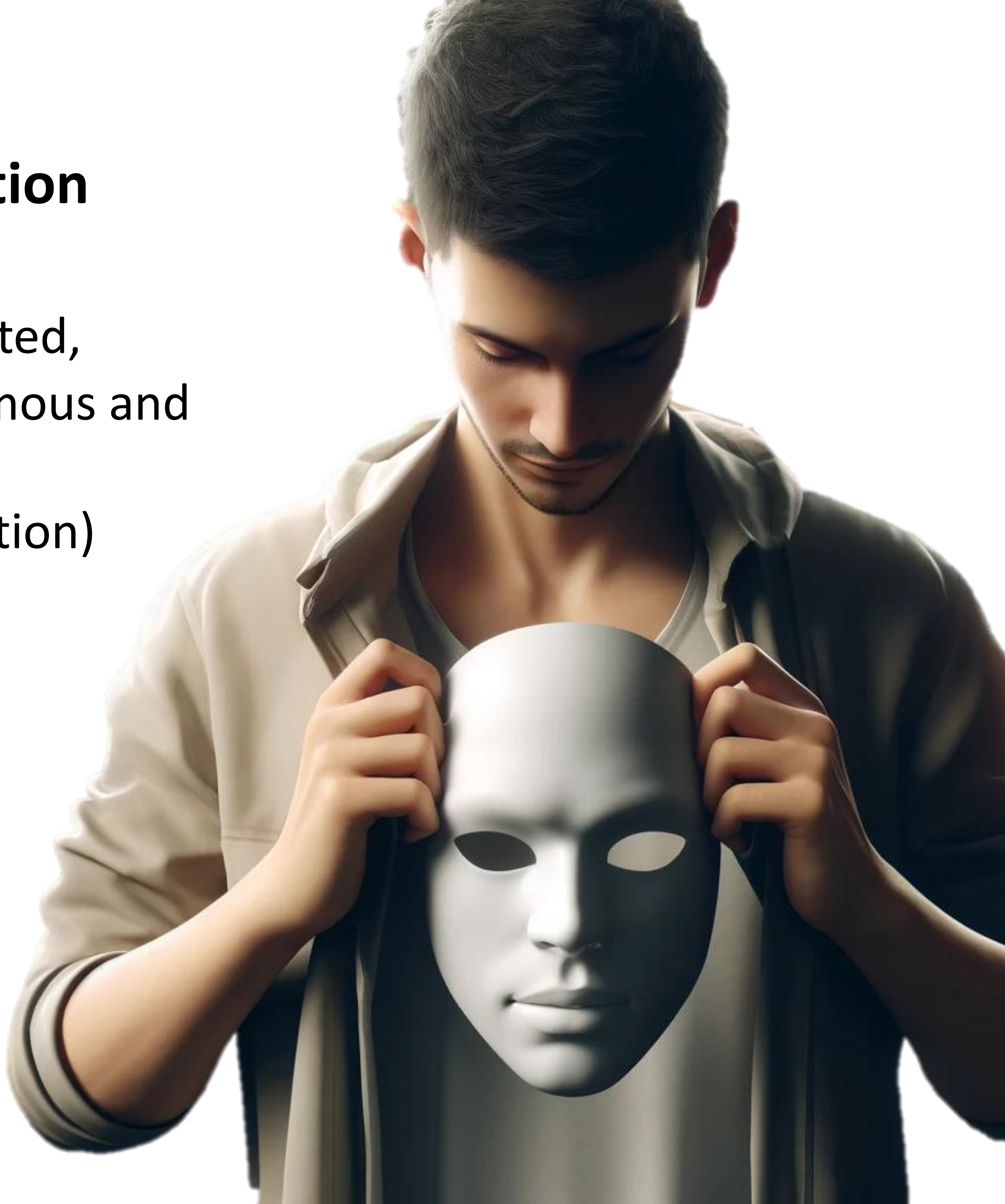
Authentication and Identity Verification

IdNFT™ – the FIRST decentralized, encrypted, Blockchain-backed, secure, unfalsifiable, anonymous and patented Digital Identity in the world
with up to 12 MFA (Multi Factor Authentication)

No more identity fraud



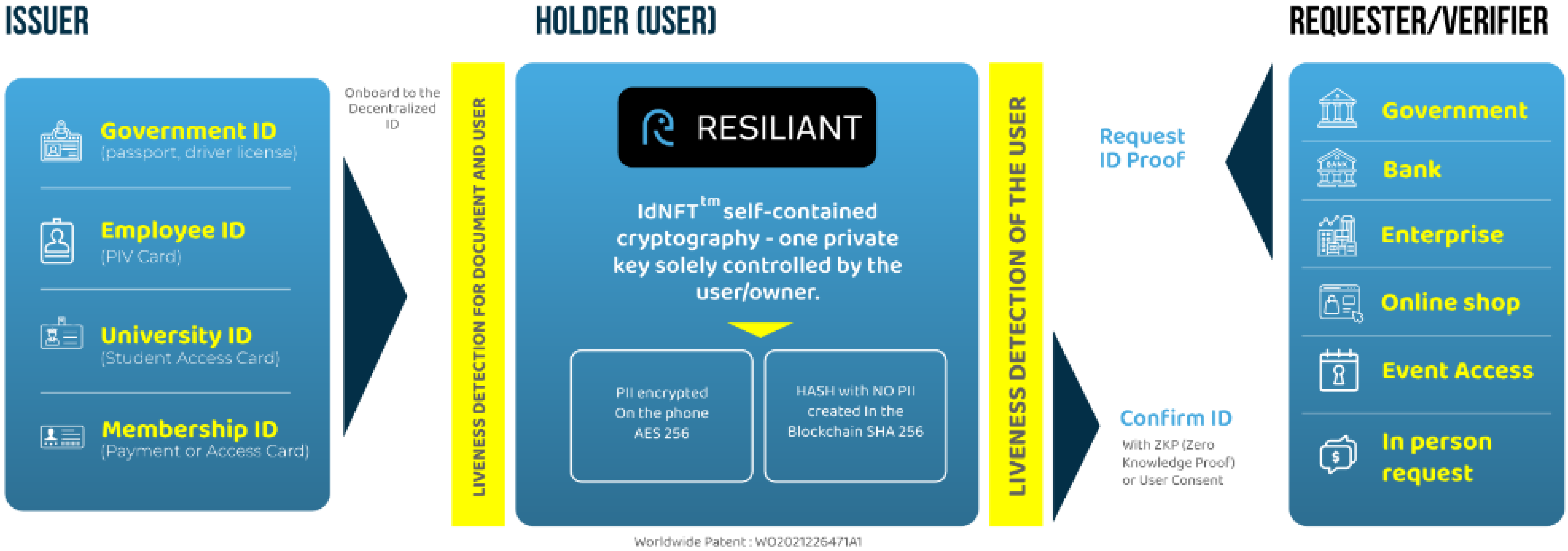
unlimio
RESILIANT

Introducing the Identity Provider – the IdNFT™

- The World FIRST patented Secured Unforgeable, Anonymous, and Interoperable Digital ID (and backed by the Blockchain)
- A Digital ID created by the User from a Governmental paper ID or
- by the Government for User (direct issuance)
- A Digital ID that allows for a Decentralized ID infrastructure.
- A Digital ID that allows coexistence between centralized ID, decentralized ID, and traditional Governmental paper ID.
- A Digital ID that brings unique User privacy protection, designed to build/rebuild trust and supports Self Sovereignty ID.
- A Digital ID that protects from Data breaches, Document stolen, ID Theft, and Fraud
- A one-time onboarding for every action with an unlimited number of Requesters

RESILIANT

The Resiliant Decentralized Identity Model



ISSUER

Government ID (passport, driver license)

Employee ID (PIV Card)

University ID (Student Access Card)

Membership ID (Payment or Access Card)

Onboard to the Decentralized ID

LIVENESS DETECTION FOR DOCUMENT AND USER

HOLDER (USER)

RESILIANT

IdNFT^{tm} self-contained cryptography - one private key solely controlled by the user/owner.

PII encrypted On the phone AES 256

HASH with NO PII created In the Blockchain SHA 256

LIVENESS DETECTION OF THE USER

Worldwide Patent : WO2021226471A1

Request ID Proof

Confirm ID

With ZKP (Zero Knowledge Proof) or User Consent

REQUESTER/VERIFIER

Government

Bank

Enterprise

Online shop

Event Access

In person request

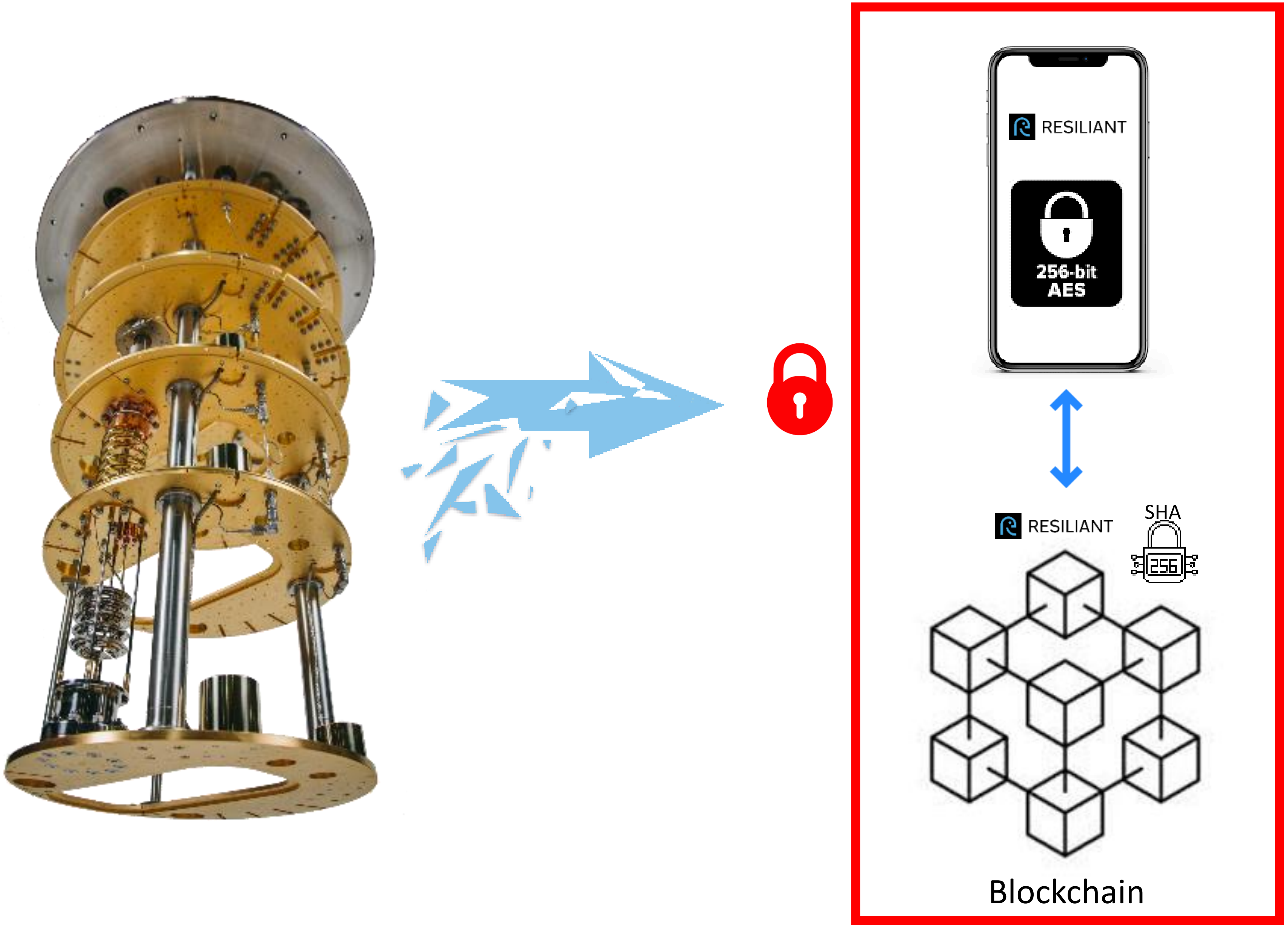
No DATA (PII) stored on a Centralized Registry (on premise or on the cloud)
No PII exchanged in the network for ID Verification

Key Advantages of the Resiliant Decentralized ID

- **Instant Fraud-Proof Credential Verification:** *Rapid authentication ensuring security.*
- **Zero Data Breach Risk:** *No storage of personally identifiable information (PII) eliminates liability.*
- **Protection from Emerging Threats:** *Immunity to SIM Swapping, AI Deepfake videos, and Quantum attacks.*
- **User-Owned Digital Identity:** *Complete user control over their digital identity.*
- **Immediate Password-Less, Secure Login:** *Instant access without passwords, prioritizing security.*
- **Instant Compliance with Privacy Laws:** *Instantaneous adherence to all privacy regulations.*

RESILIANT

The Resiliant Quantum Proof Digital Identity!



Advantage of the Resiliant ID

- **AES and SHA:**
  Completely impervious to quantum computer attacks.
- **AES Break Time:**
  A minimum of 7 billion centuries would be required to hack the Resiliant AES decryption.
- **No PII Storage:**
  Cloud server and blockchain devoid of _all_ *Personally Identifiable Information (PII).*
- **Fragmentation:**
  All Infrastructure fragmented for total security.
- **Decentralization:**
  Decentralized structure guarantees total system integrity.

RESILIANT

Identity Control
and
Access Management

unlimioo
RESILIANT

ICAM: Identity Credentials Access Management

Verify the credentials of employees, suppliers or visitors who access the airport, office or warehouses, in real time:

- One-time onboarding
- Increase Security
- Privacy and respect for the user
- Avoid human error and fraud
- Data compliance
- Full access to user information (after acceptance)

One Solution
for ICAM

unlimioo
RESILIANT

A single solution for face-to-face and remote identification

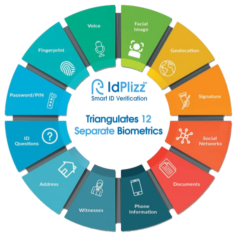
1. Document authentication

2. Identity Verification

3. Certification

Push notification sent from the portal or from the company's own management applications

The user completes the requested biometric data



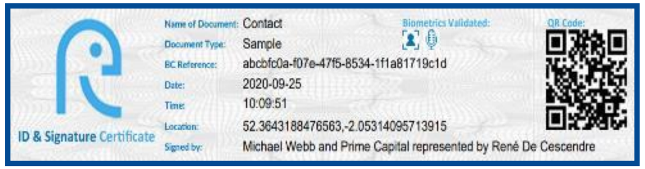
AI triangulates and verifies up to 12 user biometrics

Resiliant confirms the user's identity

Face
Generate a QR code on the user's mobile phone to verify identity

Remote
Identity Verification

Sending or digital signature and blockchain storage



ID & Signature Certificate

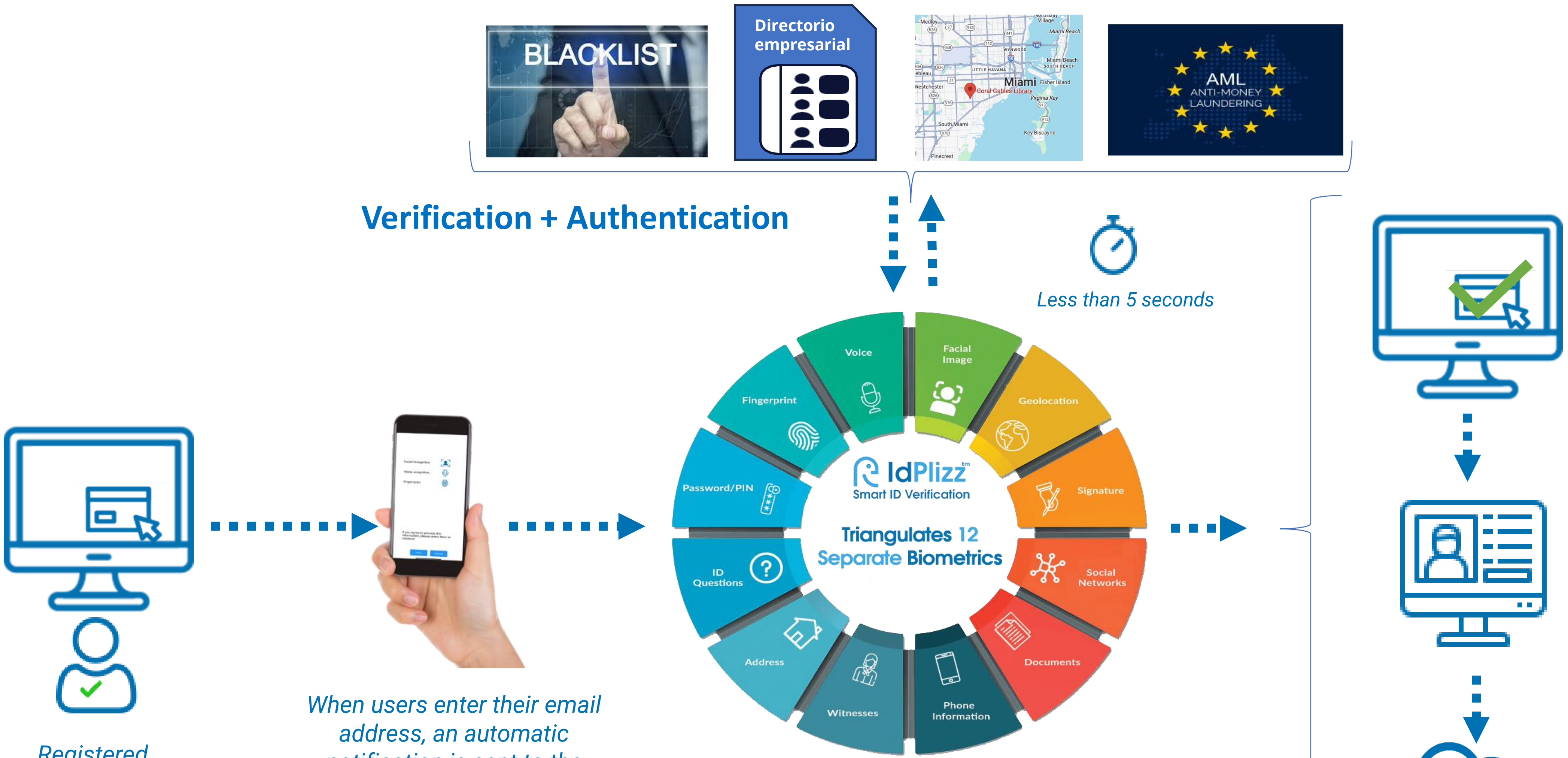
Name of Document: Contact
Document Type: Sample
BC Reference: abcbfc0a-f07e-47f5-8534-1f1a81719c1d
Date: 2020-09-25
Time: 10:09:51
Location: 52.3643188476563,-2.05314095713915
Signed by: Michael Webb and Prime Capital represented by René De Cescendre

Biometrics Validated:

QR Code:

Your trusted third party for ID verification

Online login



Verification + Authentication

Less than 5 seconds

Registered User

When users enter their email address, an automatic notification is sent to the user's phone to verify their identity

Resiliant's AI system verifies the validity of the user's identification documents and compares it using AI with their real image before the rest of the data

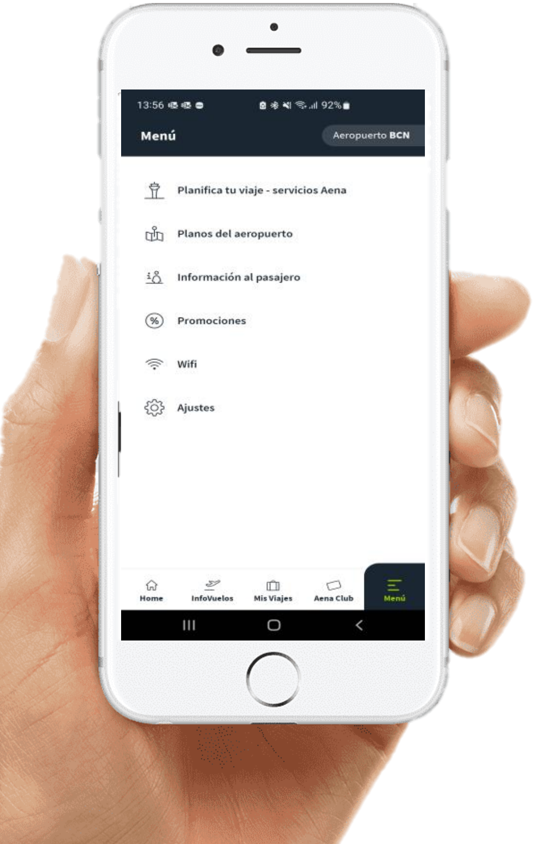
Automated API integration on the web to confirm positive or negative identity verification

Automatically link the transaction to the customer

Get complete traceability of every action with blockchain

unlimioo
RESILIANT

Face-to-face identity verification Access

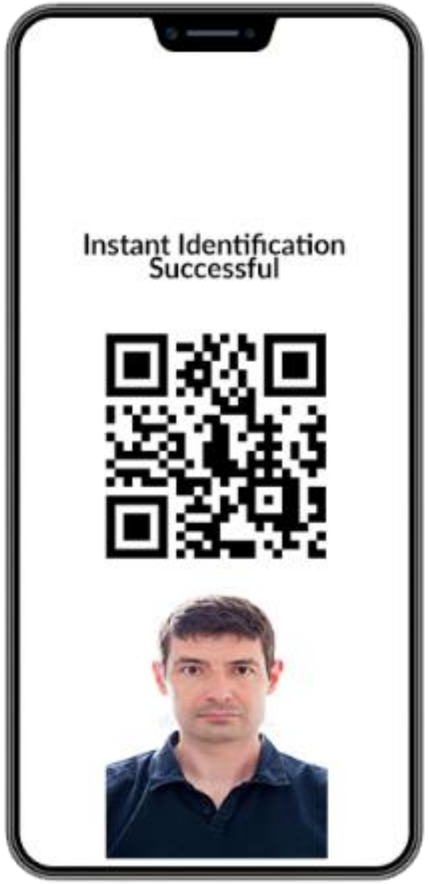


IdNFT
Digital Identity

The employee or user chooses the Instant ID option in the AENA application itself.

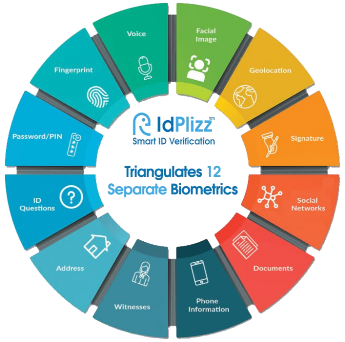
Take the selfie image.
The AI compares the selfie image with the photo ID provided.

Triangulate all other biometric data.when ID is verified, a QR code is temporarily displayed on the user's phone, along with the selfie image they took during the onboarding process



If the verification is successful, a QR code is temporarily displayed on the user's phone.

For identification, 12 biometric factors and also position are taken into account. It is not possible to identify in a face-to-face place when the person is remote. Screenshots are useless.



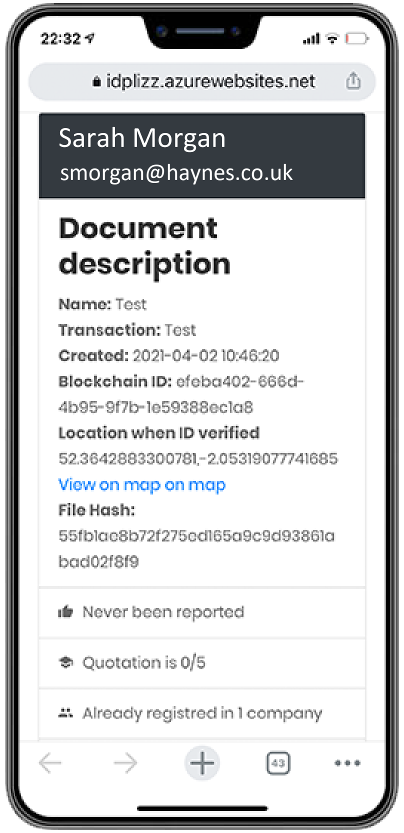
The transaction is stored on the Blockchain

Instant proof of identification for any access or service without saving LOPD data!

unlimioo
RESILIANT

Sending and biometric signing of documents

The document is sent to be reviewed and signed and the biometrics requested (face, fingerprint, voice) are indicated and whether or not the identity documents and the deadline for signature must be included



Sarah Morgan
smorgan@haynes.co.uk

Document description

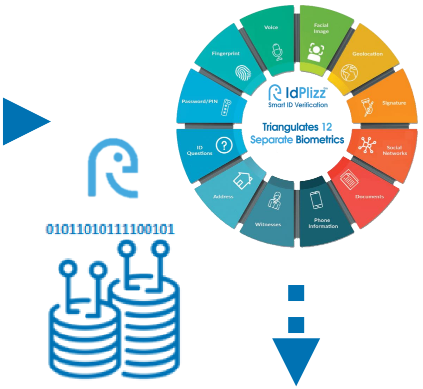
Name: Test
Transaction: Test
Created: 2021-04-02 10:46:20
Blockchain ID: efeba402-666d-4b95-9f7b-1e59388ec1a8
Location when ID verified
52.3642883300781,-2.05319077741685
View on map on map
File Hash:
55fb1ac8b72f275ed165a9c9d93861abad02f8f9

Never been reported

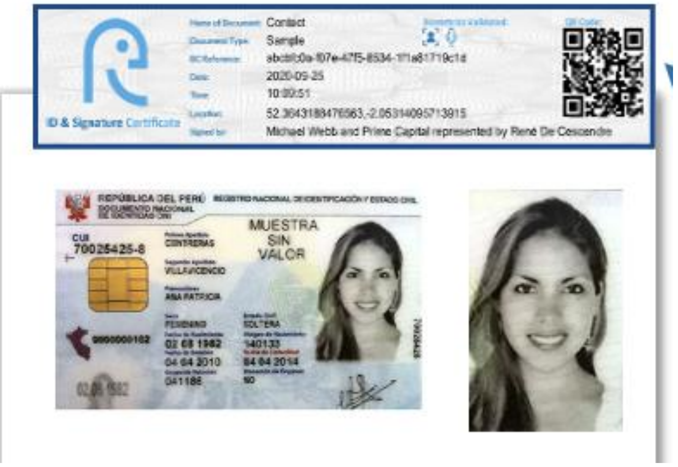
Quotation is 0/5

Already registred in 1 company

The user can review the document and see the information they are asked to share (identity document)



The system verifies the validity of the identification and the transaction is recorded on the blockchain, which serves as reliable proof of the signature.
The company can check the signed document and the identity documents of the signatory.



ID & Signature Certificate

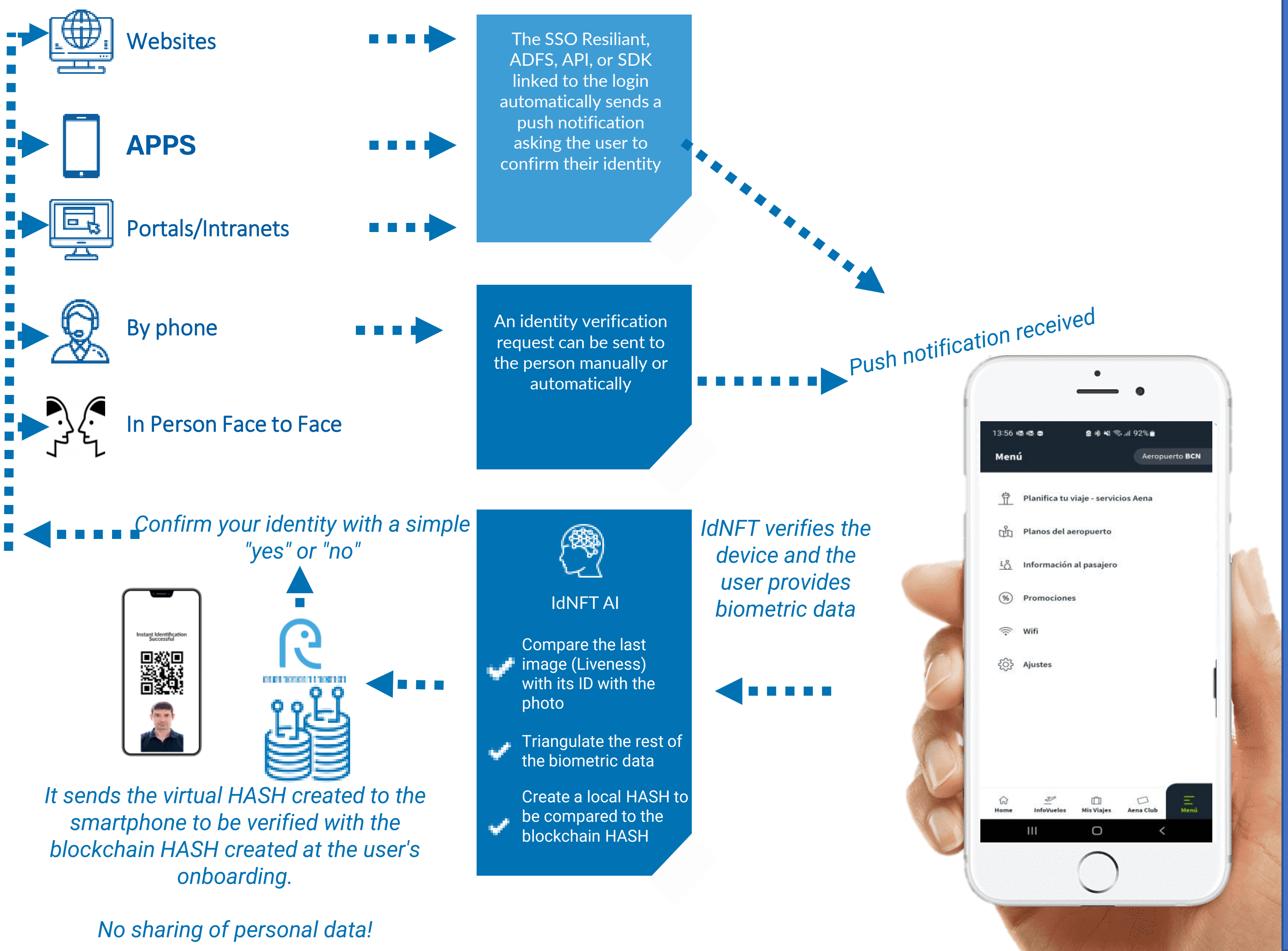
Name of Document	Contact
Document Type	Sample
BC Reference	abcbfc0a-f07e-47f5-8534-1f1a81719c1d
Date	2020-09-25
Time	10:00:51
Location	52.3643188476563,-2.05314095713915
Signed by	Michael Webb and Prime Capital represented by René De Cescende

Biometrics Validated
QR Code

REPÚBLICA DEL PERÚ
REGISTRO NACIONAL DE IDENTIFICACIÓN Y ESTADO CIVIL
DOCUMENTO NACIONAL DE IDENTIDAD DNI
MUESTRA SIN VALOR
CUI 70025425-8

unlimioo
RESILIANT

Executive Summary



Websites

APPS

Portals/Intranets

By phone

In Person Face to Face

The SSO Resiliant, ADFS, API, or SDK linked to the login automatically sends a push notification asking the user to confirm their identity

An identity verification request can be sent to the person manually or automatically

Push notification received

IdNFT verifies the device and the user provides biometric data

IdNFT AI

- ✓ Compare the last image (Liveness) with its ID with the photo
- ✓ Triangulate the rest of the biometric data
- ✓ Create a local HASH to be compared to the blockchain HASH

Confirm your identity with a simple "yes" or "no"

It sends the virtual HASH created to the smartphone to be verified with the blockchain HASH created at the user's onboarding.

No sharing of personal data!

Key points

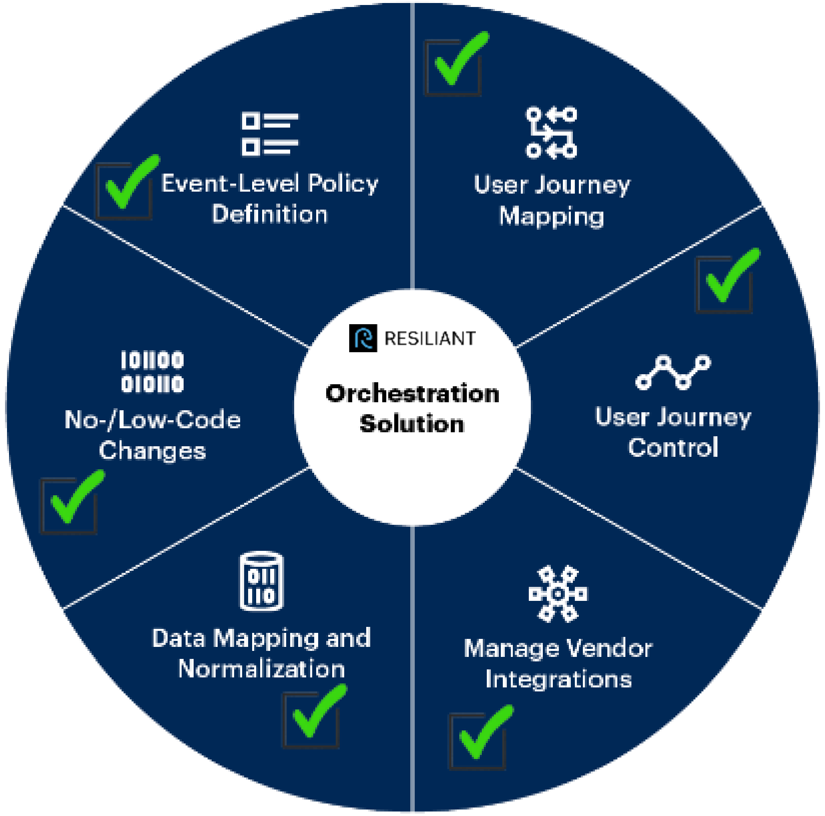
- **Ultra-fast:** Instantly sends a push notification asking the user to verify their identification.
- **Secure:** It doesn't rely on the current 2FA, which can be easily bypassed if SIM swapping occurs or the phone is unlocked.
- **Anonymous:** We send the identity verification with a simple "yes" or "no".
- **CRM:** It can be linked to any CRM or corporate system.
- **Positioning:** It only allows the user to verify their identity from a location, regional area, country...
- **Traceability:** The full details of the verification are stored on the blockchain.
- **Respectability:** The user only joins once and then can confirm their identity whenever they need to.
- **Privacy:** The only system that compares all biometric data with the original legal identification. No personal data stored in the company or exchanged at any time.

RESILIANT

SSO and User Journey time

Introduction to RESILIANT SSO, Journey time

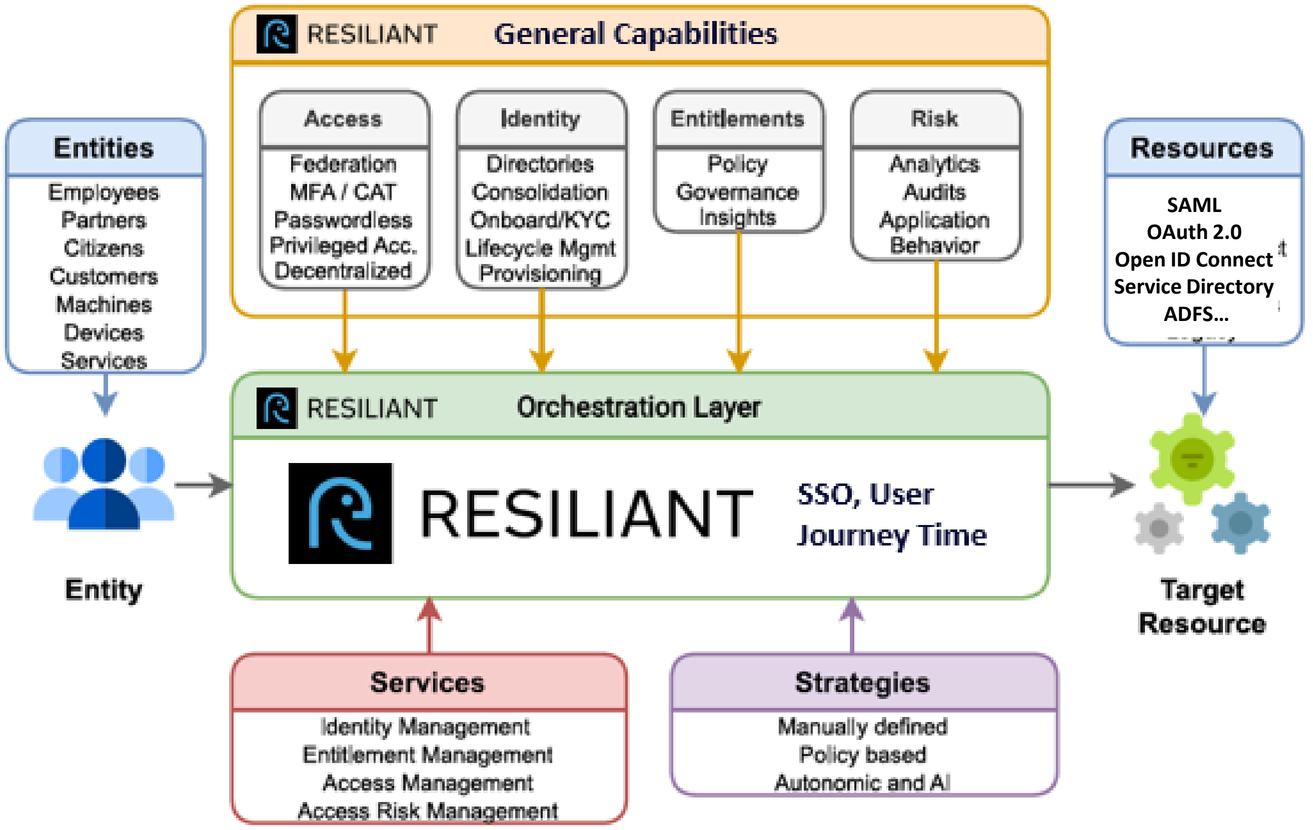
Capabilities of an Orchestration Solution



100% aligned with Gartner's recommendations

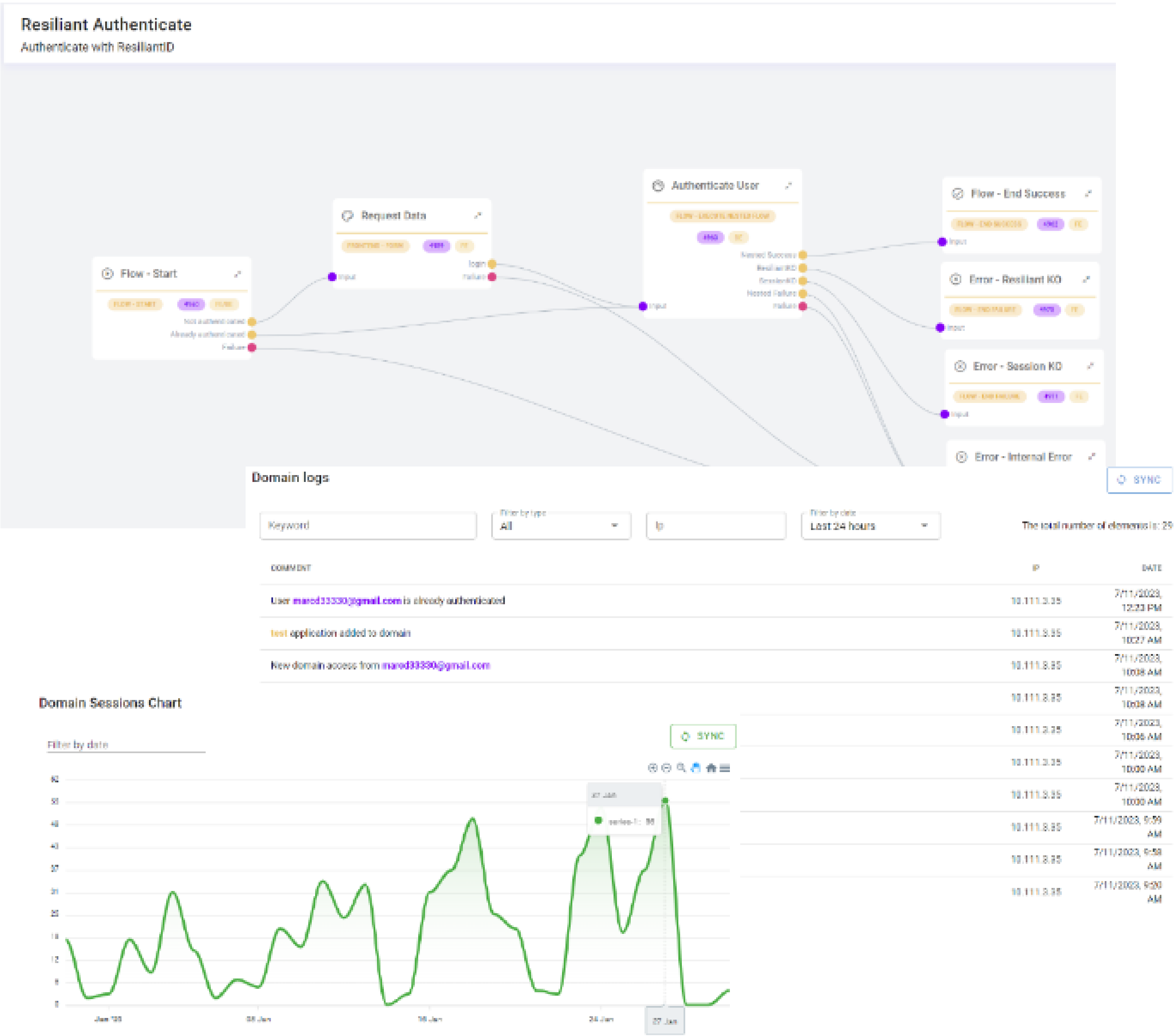
Gartner

Resiliant ID and SSO – Journey Time Architecture



Resiliant can work as a Standalone (End 2 End IAM solution) or in Toolchain mode. In the Toolchain mode, each service can be delegated to third party tools : ID verification, ID Affirmation, SSO, Journey Time, KYC , AML. **RESILIANT can be installed in-cloud or on-premises**

User is Identified – now, let's grant Access and proactively monitor Activity and Risks



Resiliant Authenticate

Authenticate with ResiliantID

Domain logs

Keyword | Filter by type: All | Ip | Filter by date: Last 24 hours

SYNC

The total number of elements is: 29

COMMENT	IP	DATE
User mared33330@gmail.com is already authenticated	10.111.3.35	7/11/2023, 12:23 PM
test application added to domain	10.111.3.35	7/11/2023, 10:27 AM
New domain access from mared33330@gmail.com	10.111.3.35	7/11/2023, 10:08 AM
	10.111.3.35	7/11/2023, 10:08 AM
	10.111.3.35	7/11/2023, 10:06 AM
	10.111.3.35	7/11/2023, 10:00 AM
	10.111.3.35	7/11/2023, 10:00 AM
	10.111.3.35	7/11/2023, 9:59 AM
	10.111.3.35	7/11/2023, 9:58 AM
	10.111.3.35	7/11/2023, 9:20 AM

Domain Sessions Chart

Filter by date

Entry-level policy: a basic set of rules or custom factors in your policy to make use of external tools or to get additional information.

No-code/Low-code approach: easily make changes without needing to write complex programming code. Simply drag and drop interface to configure the policy. Flexible, custom front-end and back-end scripts can be included as part of the policy.

Data mapping, normalization, user journey mapping: Each flow can be designed with a drag-and-drop canvas and connected to any given application and can be easily deployed.

User Journey control: Administrators have the ability to trigger dynamic and highly customizable policies in real-time. Make changes or apply specific rules while the system is running.

Seamless vendor integration, Resiliant SSO can handle thousands of third-party applications via modern authentication protocols or custom injection methods for legacy ones.

Contact us:

Edgar Jordà Font
edgarjf@resiliant.com

unlimioo
RESILIANT