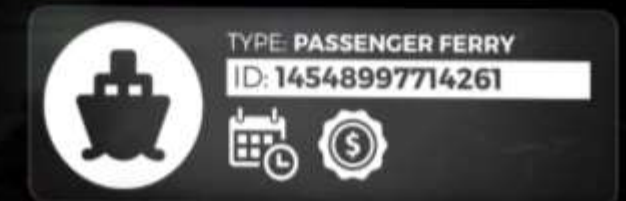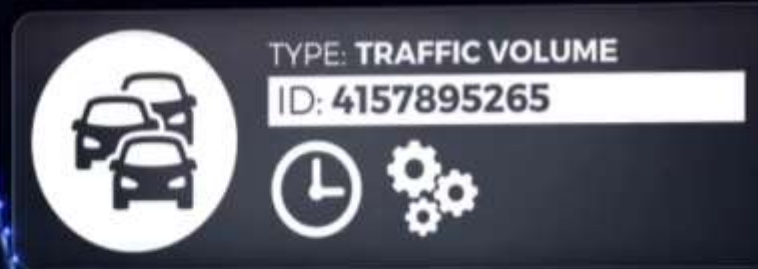DigiCert

ADACOM
CYBER SECURITY

21.2 °C

Digital Transformation starts with Identity protection

Panos Vassiliadis

The role of Identity

The role of identity is not limited to individuals anymore.

Cars, Airplanes, Equipment, and Medical devices are required to be identified properly as well.

TYPE: **TRAFFIC VOLUME**
ID: **4157895265**

TYPE: **AVERAGE SPEED**
ID: **7412356899941**

TYPE: **PASSENGER FERRY**
ID: **14548997714261**

What is e-Identity

E-Identity is a collection of individual attributes that describe an entity and determine the transactions in which the entity can participate (World Economic Forum)

	For individuals	For legal entities	For assets
INHERENT ATTRIBUTES Attributes that are intrinsic to an entity and are not defined by relationship to external entities	• Age • Height • Date of birth • Fingerprints	• Industry • Business status	• Nature of the asset • Asset issuer
ACCUMULATED ATTRIBUTES Attributes that are gathered or developed over time. These attributes may change multiple times or evolve throughout an entity's lifespan	• Health records • Preferences and behaviours (e.g., telephone metadata)	• Business record • Legal record	• Ownership history • Transaction history
ASSIGNED ATTRIBUTES Attributes that are attached to the entity, but are not related to its intrinsic nature. These attributes can change and generally are reflective of relationships that entity holds with other bodies	• National identifier number • Telephone number • Email address	• Identifying numbers • Legal jurisdiction • Directors	• Identifying numbers • Custodianship

History of Identity

✓ Historically our identity documents are issued by centralized institutions

✓ Digitization created necessity of redefining analog concepts of identity

✓ E-Identity evolved from Federated identity to DID to return control of digital identities to the user
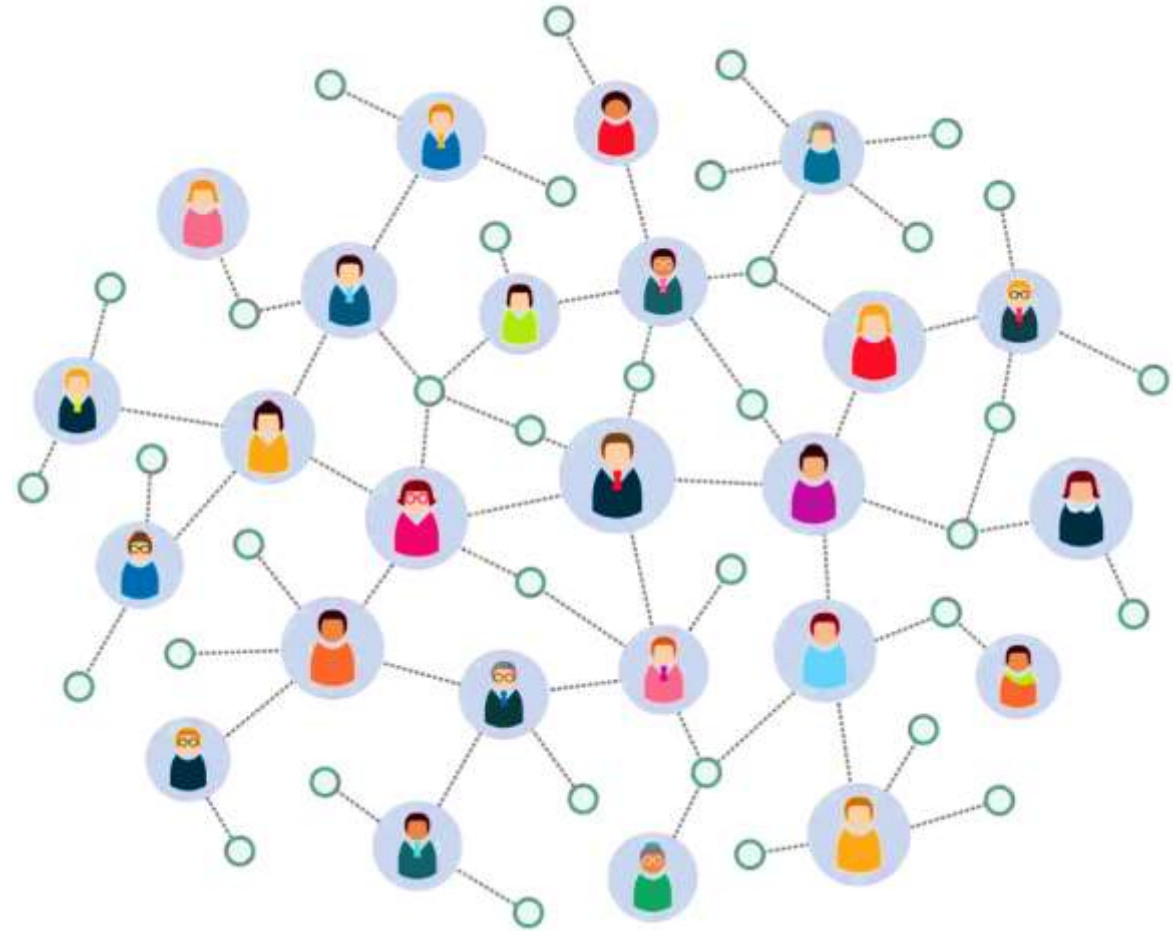
How we secure Identity

Public Key Infrastructure provides a scalable, and customizable solution to most of your identity issues

Reliable and scalable Public Key Infrastructure (PKI) is complimentary to any deployment from IoT to blockchain

Easily encrypting all sensitive data and validating the source of these data, is essential for protecting Identity

The need of Identity Verification

Interacting with **valid identities** is an important matter, regardless of the use case, **preserving privacy** will soon be as important.

According to eIDAS only **natural persons** are allowed to have **electronic signatures**

Remote ID Verification
Overview

What Remote ID Verification means

ADACOM Remote ID verification is a unique, quick, convenient and incredibly secure method of verifying customers identity online. Is equivalent to face-to-face verification.

ADACOM has successfully completed the necessary conformance Assessments by an external Auditor for the **Remote ID verification** method which is compliant with eIDAS Regulation article 24 par1d

by using other identification methods recognised at national level which provide equivalent assurance in terms of reliability to physical presence. The equivalent assurance shall be confirmed by a conformity assessment body

Remote ID verification method by ADACOM is reliable, unbiased and compliant with eIDAS Regulation

Remote ID Verification
The Steps

Only 3 simple steps

ADACOM LRA authorized employee arranges an online appointment - video call with the Subscriber, through Skype for Business app

ADACOM LRA send to Subscriber the necessary instructions for a successfully video call session

When the video call is successfully completed, ADACOM LRA verifies the ID of the Subscriber

Remote ID Verification
Benefits

→ User Friendly

→ Enlarge Customer base

→ Reduces fraud exposure by detecting fake or fraudulent IDS

→ Supports security regulations and complies with eIDAS Regulation

→ Increase Trust & Brand Equity

→ Combines Security vs Convenience

Use Case Scenario
Applying for an e-Loan

Remote ID verification method by ADACOM can be used from Banks for Digital on-boarding customers.

ADACOM CYBER SECURITY

Apply for an e-loan on a Bank Website

Existing Customer

Sign in Web Banking

Know Your Customer

Remote ID Verification METHOD

Prospective Customer

VIDEO CONFERENCE CALL

Customer due Diligence

ID Verification

Face Recognition

Certificate Creation

Bank Documents *Signed*

One-Time Qualified Certificate

E-Loan Documents *Signed*

ADACOM Profile
Strong Expertise

ADACOM is a leading, Qualified Trust Service Provider, a Cybersecurity Integrator and a Managed Service Provider with customer base in more than 30 countries in EMEA.

ADACOM is ISO 9001:2008, ISO 27001:2013, eIDAS, EU & NATO Secret certified for the quality & security of the provided services and solutions, and also operates two PKI Certified Processing Centers.

ADACOM is based in Athens, Belgrade, Nicosia and London

30	20	120
COUNTRIES IN EMEA	YEARS OF EXPERIENCE	PROJECTS COMPLETED

Trust Service Business Overview

- ✓ Qualified eSig for Natural Persons
- ✓ Qualified eSig for Natural Persons associated to Legal Persons
- ✓ Qualified eSeals for Legal Persons
- ✓ Qualified eSeals compliant with PSD2
- ✓ Qualified Time Stamping
- ✓ SSL/TLS/QWAC Certificates
- ✓ Device Certificates
- ✓ Remote ID Verification (approval pending EETT)

Thank you

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