

IDENTITY & SECURITY



MAKING LIFE
SAFER AND EASIER



IN A NUTSHELL

SAFRAN IDENTITY & SECURITY

Safran Identity & Security is a global leader in identity and security solutions for an increasingly digital and connected world.

We employ nearly 8,700 people in 57 countries and generated revenues of nearly €1.9 billion in 2015.

Backed by more than 40 years of experience in biometrics, our unique expertise lies in developing innovative technologies for people, governments and business.

We contribute to managing identities, protecting borders, supporting law enforcement and providing trusted on-line transactions and services.

Our solutions protect identities, ensure safety and safeguard privacy, for easier, everyday lives.

Workforce



8,700
employees

7% of revenues
invested
in R&D

In **57**
countries 

Revenue

€ 1.9
billion

Systems deployed
in more
than **100**
countries



OUR MISSION

**Making life safer and easier in a connected world,
through trusted identities.**

Today we all live and work in a mobile, information-driven world. As either citizens or consumers, we must prove our identities on a daily basis, and do so more and more digitally. Whereas digital identities were once just credentials to access on-line services, today must be more and more linked to our physical identities.

In a connected world, trust is rooted in knowing precisely with whom or what you are interacting. The challenge of securing data whilst protecting individual privacy requires solutions that both safely and seamlessly build a bridge between our digital and physical identities - be it at home, behind a counter, or across borders.

Safran's mission is to ensure trusted identities for people, businesses and governments, operating in three key markets: Civil Identity, Commercial Identity and Public Security. We leverage our industry insight across those different markets to respond to new identity and security challenges through robust technologies which bring convenience to the end user.

CIVIL IDENTITY



COMMERCIAL IDENTITY



PUBLIC SECURITY



CIVIL IDENTITY

We help governments and organizations establish and protect their citizens' identities and ensure privacy.

- Complete ID management solutions from registration services to ID document issuance
- Secure ID documents for the identity, travel document, driver's license and healthcare markets
- Convenient and trusted access to online services through a reliable and safe usage of digital identities


2.8 billion
ID documents
delivered

More than **55**

government
programs


#1 in US
Driver's
Licenses

Selected references:

Albania	France	Malaysia	United Kingdom
Canada	Germany	Mauritania	USA
Chile	India	Mexico	
Colombia	Ivory Coast	Netherlands	
Egypt	Kenya	UAE	




CIVIL IDENTITY

COMMERCIAL IDENTITY

We help our customers gain competitive advantage in their digital transformations through mobile services, identity management, data protection and secure transactions

- Smart cards (telecoms & banking) and personalization
- Embedded connectivity & security for smartphones, tablets, Internet Of Things (IoT) and related solutions
- Secure digital ID and transactions relying on strong ID authentication, tokenization, digital signature and proof management


10+ million
authentications
per day


800+ million
smart cards
produced in 2015

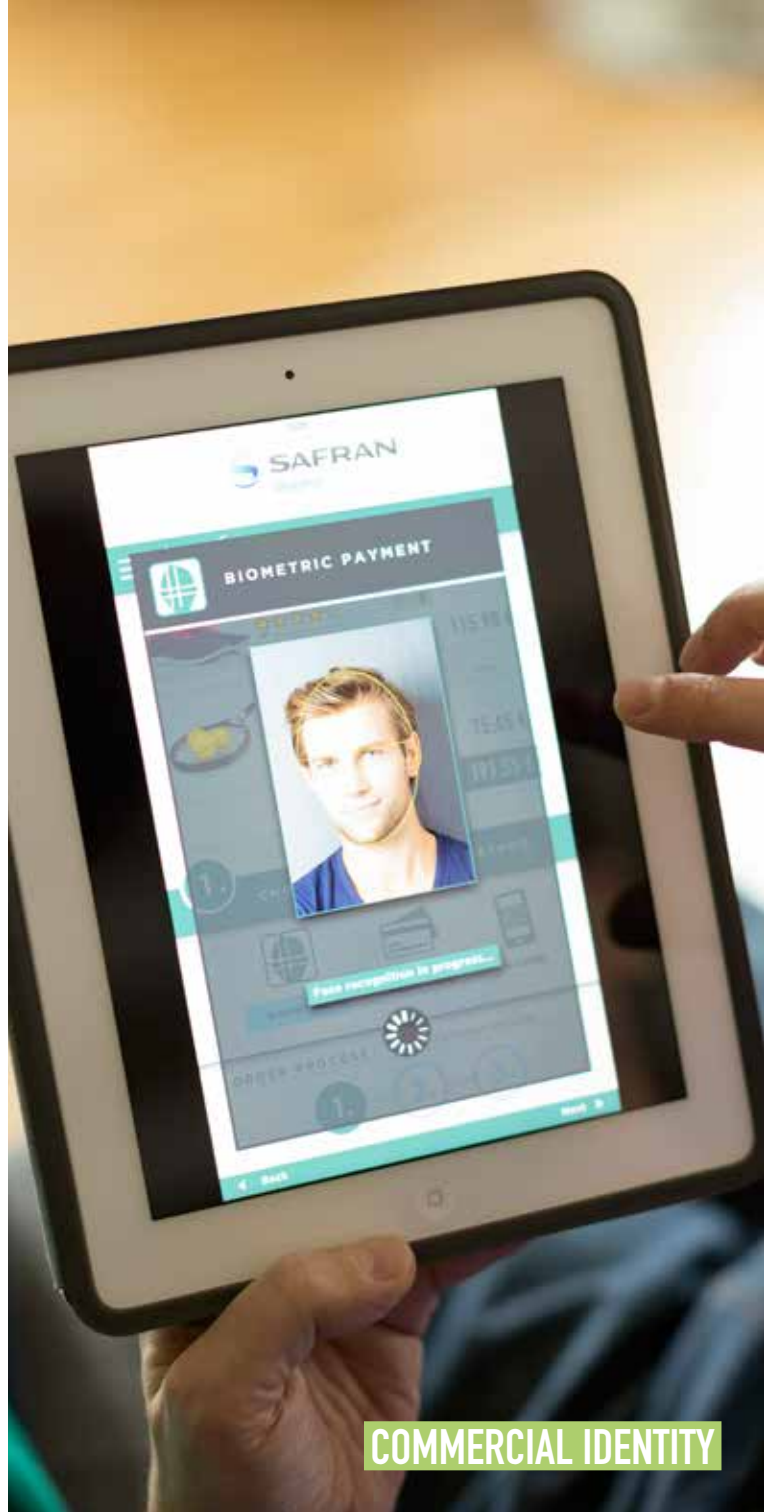

60 million
digital signatures
per year

Selected references:

America Movil
(Telcel, Claro)
Bancolombia SA
BPCE (Banque
Populaire & Caisse
d'Epargne)

Crédit Agricole
DSV (Deutscher
Sparkassenverlag)
Orange
Samsung SDS

State Bank Of India
Telefonica
(O2, Movistar, Vivo)
Vodafone



COMMERCIAL IDENTITY

PUBLIC SECURITY

We help public authorities and law enforcement detect potential threats, and help strengthen security at borders while facilitating passenger circulation

- Law enforcement / homeland security solutions:
 - Multi-biometric systems (fingerprint and facial recognition)
 - Background checks
 - Video analytics for investigative purposes
 - Explosives and narcotics detection systems
- End-to-end Border management solutions through:
 - Automated entry / exit equipment and systems
 - Risk-based analysis of passenger data (Passenger Name Record - PNR)
- Biometric access control solutions

170
identification
systems
deployed
in **55**
countries



**Our automated border control
systems have handled**



90 million
passengers

Selected references:

Aéroports de Paris
BKA (Germany)
Changi Airport
FBI

French Police &
French Ministry of
Interior
Interpol
SmartGate New
Zealand

UAE Ministry of
Interior
U.S. Department of
Homeland Security -
Transportation Security
Administration



PUBLIC SECURITY



WORLD LEADER IN MULTI-BIOMETRICS

Safran Identity & Security is the world leader in multi-biometric recognition, leveraging three major technologies (fingerprint, iris and face recognition) for a host of applications. The advantages of using a combination of biometrics are clearly proven, providing superior accuracy, security and convenience for the end user. Independent evaluations conducted by NIST (the US National Institute of Standards & Technology) consistently rank our algorithms #1 in multiple categories.

Safran pioneered the introduction of contactless fingerprint recognition technologies, which are faster and more hygienic. And thanks to the wide availability of smartphones and affordable methods of biometric capture, we are developing higher accuracy and more universal methods of capture on smartphones and tablets which forego the need of a sensor, such as facial recognition through “selfie-checks”.

Through a “privacy by design” approach, data and privacy are directly embedded into our design and development of our solutions. We also work with regulators and industry actors to develop strong, interoperable authentication policies which protect citizens and consumers.

The unique combination of security and ease of use has enabled biometrics-- which creates a unique link between digital credentials and physical attributes-- to become a technology of choice to respond today's security and identity challenges, in both the physical and digital worlds.

FINGERPRINT



FACE



IRIS



KEY IDENTITY & SECURITY TECHNOLOGIES

Supplying our customers with the most advanced technologies and solutions tailored to meet their specific needs requires a strong expertise in a range of complementary disciplines.



Cryptography & algorithms

Strong expertise in the development of cryptographic techniques and algorithms, for secure identities and transactions



Data Analytics

Analysis of large scale data sets, ensuring high accuracy and security (biometric identification, video analysis, Passenger Name Record)



Secure elements

Chip and secure Operating System design capacity (banking cards, SIM cards, eID, IoT), Software Secure Element solutions (HCE*)



Printing & personalization

Secure printing and personalization technologies for forgery-proof documents (3D Photo ID™, SLI*, polycarbonate datapage)



RECENT HIGHLIGHTS

Mobile Payment

Acquisition
of Airtag



Digital ID

Digital government
services provider
for British citizens
(Gov.uk verify)



Video analytics

Morpho Video
Investigator



Cloud services

Launch of
MorphoCloud
and Identix™



Data analytics

Risk-based analysis
of passenger name
record (PNR) data



Biometrics on Smartphones

Biometric authentication
through "selfie-check"
for Samsung SDS



Biometric Payment

Strategic
technological
partnership with
Visa



Smart Borders

3M travelers enrolled
in TSA Pre✓® program
Projects in UAE (eBorder)
& Changi airport
Terminal 4 in Singapore



Explosives Trace Detection

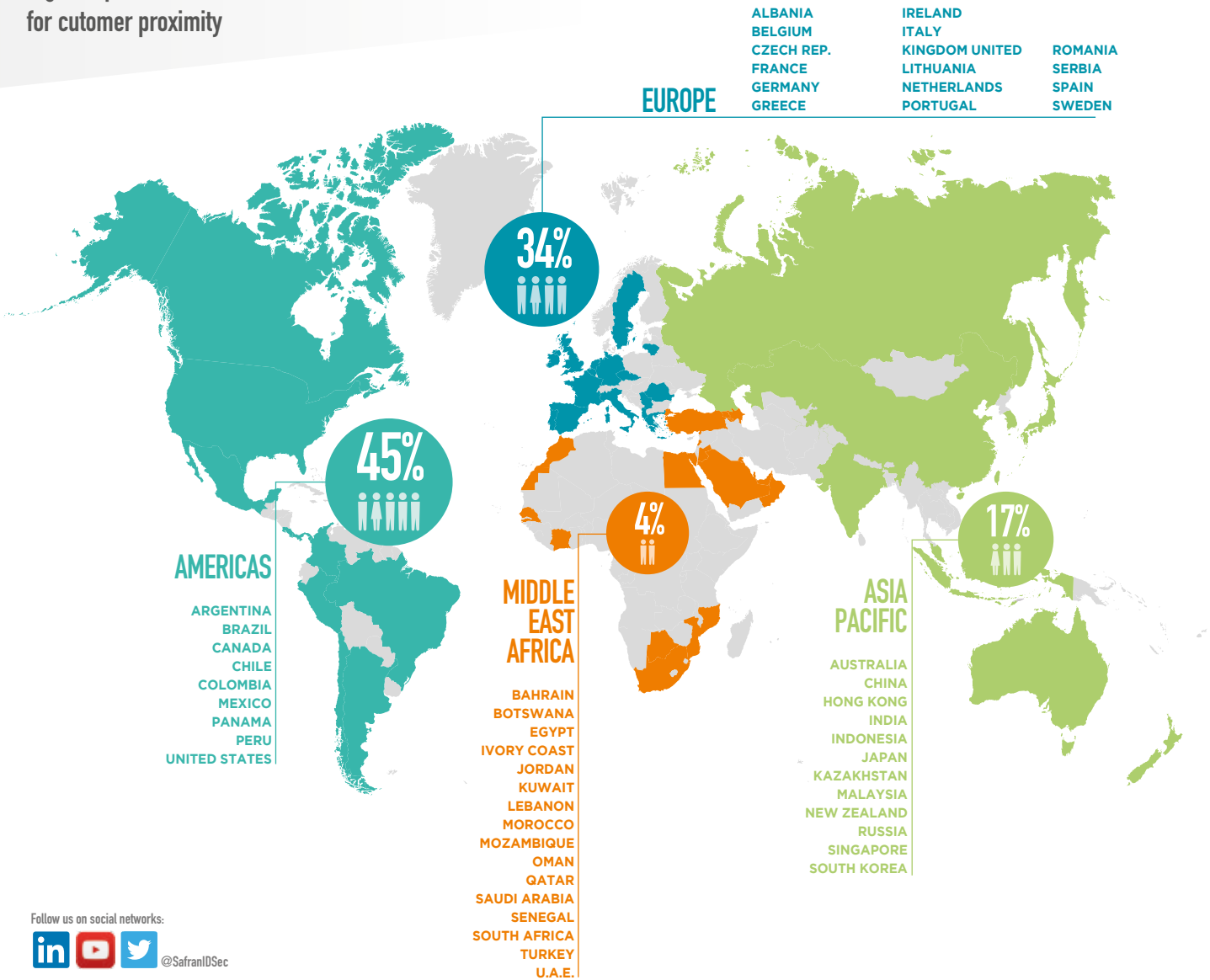
More than 1,000
Itemiser 4DX ETDs
shipped throughout
Europe



SAFRAN IDENTITY & SECURITY

WORLDWIDE LOCATIONS

A global presence
for customer proximity





POWERED BY TRUST

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