IDEMIA

The leader in
identity technologies

« At IDEMIA , our mission is to make the world a safer place: **100% unlocked**, **100% secure**, and **inclusive by design**.
I am proud to lead a team that is so committed to delivering on this ambition and to serving our clients in a way that is reliable, ethical and sustainable. »

Pierre BARRIAL
President & CEO

Identity
for today
& tomorrow

Today, the number of connected devices available worldwide has already exceeded the number of people. The pace of technological change is accelerating, impacting all industries. These evolutions increasingly bridge the divide between the physical and digital worlds, and are reinventing how we interact in and within both universes.

Whether or not we realize, our **identity** is already at the heart of most of our daily interactions. Any time we send a text message, browse the internet with a mobile phone, pay in-store or online, take public transportation, go to the doctor, or travel, we use our **identity credentials to prove who we are**. And if today, we are already using our identities multiple times per day to interact, in the future, it will be constant – even countless.

To prepare for this, we need to ensure that every industry is well equipped to offer truly **frictionless authentication journeys** that offer **security** and **reliability** every step of the way. That's why identity is at the center of everything we do at IDEMIA to unlock the world and make it safer.

Unlock the world, make it safer

The more individuals feel safe and protected, the more free they feel to embrace life. At IDEMIA, we've made it our mission to **unlock the world and make it safer** for people to navigate the physical and digital worlds in total security.

We believe we all have within ourselves a secure way to access the world—our own unique identities. We believe in a world that—above all—ensures that **only you can be you**.

IDEMIA, **a leader** deploying identity technologies at scale

€2.2B
in revenue in 2021

60+ years
of experience in identity and security

€1B
invested in R&D in 5 years

3,000+
engineers, including 50+ AI experts

1,500+
active patent families

Our technology leadership is the result of **decades of expertise, continuous investment and operational experience**, and is based on strong engineering teams and a rich ecosystem of customers, industrial and academic partners.

Our cutting-edge software expertise allows us to create technologies that are truly adapted to market needs and unlock seamless and unique journeys for consumers and citizens around the world.

With our **unique and protected identity technologies**, we unlock simpler and safer ways to pay, connect, access, identify, travel and protect public places.

Our 5 main fields of **expertise**

Assembling technical components into mission-critical solutions

IDEMIA's team of 3,000+ engineers has five main fields of expertise. In these different fields, our team of experts develop and manage **critical technical components that we assemble** into mission critical solutions—at scale.

Biometrics

With government-grade algorithms, we ensure non-biased identification and authentication in-person and online.
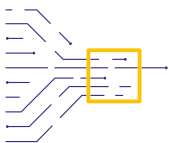
Cryptography

With next-generation encryption, we constantly create new defenses to protect sensitive information.

Systems

With comprehensive and tailored solutions, we ensure top security from the core of an infrastructure to every end-point.

Analytics

With Artificial Intelligence and Deep Learning, we enable our clients to efficiently detect fraud and analyze situations.

Smart devices

With advanced modular hardware, we deliver quick, accurate cutting-edge data capture to facilitate user journeys.

At IDEMIA, we believe
that identity is the key to...

Unlock the world
make it safer

We make it our mission
to protect identity, whatever
form it takes, so everyone
can fully embrace a safer life.

Identity is at the heart of everything we do

We vet identities with **Artificial Intelligence**; we secure them with **cryptography**. We make them available, anywhere and everywhere with our digital solutions in the **Cloud**; we create the link between physical people and these identities thanks to our smart sensors embedded into **smart devices**. All while ensuring the highest levels of security, without sacrificing user convenience.

We leverage our expertise in identity technologies to create solutions that enable our clients to **capture**, **create** and **issue identity credentials**, to enable people to **authenticate** themselves whenever they have to prove their identity, and finally to **analyze our environment** and make it safer.

We accompany our clients, consumers and citizens across the identity value chain:

Credentialize

Capture, secure, and manage identity attributes to distribute and activate credentials in physical and digital form factors

Authenticate

Enable individuals to instantly prove who they are with accuracy, efficiency and convenience to enable access to essential services and sensitive assets

Analyze

Rapidly process massive volumes of data and automate complex problem-solving to make our environments safer

A unique position in a large and growing **identity solutions** market

Driven by favorable dynamics—the proliferation of identity, the demand for frictionless journeys and the growth of interactions—today's €11B identity market is expected to continue its rapid expansion over the next few decades.

Trusted by governments and enterprises worldwide

Our leadership in identity technologies makes us the partner of choice for some of the world's most prestigious organizations.

We are proud to be trusted by **600+ governments, state & federal organizations,** and **2,300+ enterprise customers** across the globe who count on us to secure billions of essential interactions for payment, connectivity, access control, identity, travel, and public security every year.

Partnering with leaders

In today's competitive world, we believe that partnerships are the key to success. This is why IDEMIA is always looking for new suppliers and partners to innovate.

We **collaborate with tech giants, enterprises, and governments** to develop comprehensive solutions that unlock the world and make it safer.

The resilience demonstrated by our supply chain to **best serve our customers in 180 countries** is the result of the trust we create with our suppliers and of our unique in-house chip design expertise.

With a Net Promoter Score of +44, we continue to nurture our privileged customer relationships and to develop our business momentum.

Providing essential services **around the world**

30% of Fortune 500 companies trust us for payment, connectivity, and authentication

900M
connectivity credentials issued per year

800M
payment credentials issued per year

100M+
tokens provisioned for different token requestors

15M
cars connected globally

#1
FinTech payment card solution provider

50% of countries
use our technologies in
the civil ID, public security,
and travel sectors

#1

issuer of US driver's licenses
(physical and digital)

Enabling acceptance of state IDs and
driver's licenses in Apple Wallet
at TSA airport checkpoints

500

Multi-Biometric Search Services systems
deployed in the world

#1

in civil identity solutions

#1

in passenger facilitation
solutions globally

eU-LISA
European Union IT Agency

INTERPOL

We secure billions of frictionless interactions,

Payment

Connectivity

Access Control

in the **physical**
and **digital** worlds

Identity

Travel

Public Security

Payment

Securing banking and payment journeys

Today's financial institutions are undergoing a massive transformation and seeking multichannel strategies to enrich client relationships.

IDEMIA technologies enable banks, FinTechs, payment networks, retailers, and transport operators to expand their services and offer customers safe and convenient journeys. We reinvent the cardholder experience with **metal cards, eco-friendly products and innovative offers** for tech-savvy consumers.

1,900
financial institutions and FinTechs trust us (including most of the world's largest banks)

Up to 6M
cards digitized per month in the 3 major mobile wallets

50M+
payment card PIN codes managed electronically

We're delighted that recycled plastic materials are now available at a scale that enables us to progressively replace our payment cards around the world. This will reduce our carbon emissions as we transition to sustainable materials throughout the card production process. This is another step as we move towards a net zero business, to help the bank and our customers make a positive impact on the environment.

Richard Harvey,
Group Head of Retail Banking Products, HSBC

Press release, April 2021

Securing connectivity and beyond

Between the deployment of 5G and the growth of IoT, an incredible amount of information is exchanged on cellular networks via smartphones, connected cars, and a vast array of IoT devices.

IDEMIA enables MNOs, MVNOs, and their partners in the IoT space and automotive industries to ensure the continuity of connectivity services and end-to-end security of all data exchanged with **highly scalable Cloud-based solutions** and world-first quantum-safe 5G SIM technology.

500
mobile operators trust us (including leading mobile operators worldwide)

15M
cars connected for 4 of the top 10 car makers, incl. Mercedes-Benz Group and Stellantis

160
eSIM platforms, live or qualified by major MNOs

We have chosen to work with IDEMIA on post-quantum technology as they are a world leader in security solutions. By encrypting the International Mobile Subscriber Identifier (IMSI), we consider it important to leverage this new technology to develop the best possible privacy shield in the new 5G networks and SIM cards.

Jose-Ignacio Honorato,
Head of Digital Services and Mobile Equipment, Telefónica Spain

Press release, May 2022

Protecting
physical locations and digital assets

As private companies and organizations need effective ways to control access to specific locations or sensitive data, biometrics are by far the most convenient and reliable means to identify and authenticate individuals.

With frictionless access control solutions for physical and digital assets, IDEMIA stays at the forefront of innovation for ever more convenience, but never at the cost of security. We leverage the **best available motion and video sensor technologies** to create innovative access control solutions that combine security, performance, and convenience.

5M
biometric devices delivered worldwide

15,000+
contactless fingerprint access control terminals sold worldwide

60+ years
of experience in government-grade biometric technologies

> **Bosch stands for quality and reliability. We want to offer innovative and fascinating solutions as our slogan 'invented for life' states.** When our customers deploy biometric terminals for their security, they are installed for years to come, so we want to offer them the best option. IDEMIA is the right partner for us because of their technology expertise and field-proven quality and performances.

Gregor Schlechtriem,
Senior Vice President Access & Intrusion Business Unit, Bosch Building Technologies

Press release, July 2021

Securing identity management in person and online

>> Providing a trusted and secure identity to each individual is every government's responsibility in order to provide access to public and private sector services as well as strengthen and accelerate social and financial inclusion.

IDEMIA's end-to-end identity management approach makes **turnkey ID systems** easy to deploy, maintain, and evolve. We design ID credentials with the highest security standards. Our digital identity solutions play a strategic role in building ecosystem relationships between governments, relying parties—such as banks, mobile operators, etc.—and consumers.

1.2B+
people benefit from the Aadhaar biometric program in India

60+
years of longstanding collaborations with governments

3B+
identity documents issued worldwide

« **We are excited to work with Apple and TSA on the next step of safe and seamless identity verification.** This leverages the best of IDEMIA's expertise in the field of identity technologies and credentials digitization. »

Pierre Barrial,
President & CEO, IDEMIA

Press release, March 2022

Securing borders and passenger journeys

>> Processing people that travel through airports, seaports, and land crossing points quickly and securely is a challenging task for all travel industry stakeholders.

37M+
automated passenger crossings per year

260+
airports equipped with IDEMIA solutions worldwide

30+
border control agencies working with IDEMIA

IDEMIA develops high-tech, user-centric solutions that securely authenticate travelers' identities and assess risk.
With **in-house design of advanced modular hardware and tailored systems**, we help governments increase their border security and allow airports and airlines to streamline their processes.

« **IDEMIA extends its presence at Singapore Changi Airport with multi-biometric frictionless technology.**
IDEMIA first launched its biometric access system in Singapore in 2017 with the deployment of its Trave*Lane* 1 Step solution and Trave*Lane* 2 Steps solution at Changi Airport's Terminal 4 (T4). The new deployments in T1 and T2 will see an enhancement to the current system with the integration of IDEMIA's Trave*Lane* 2 Steps solution with ID-Look™, its award-winning multi-biometric solution with on-the-spot identity verification, for a fully frictionless immigration clearance process. »

Press release, June 2022

Public security

Helping governments
keep citizens safe

We live in a fast-changing environment where governments and security professionals face growing challenges to protect people and places.

Powered by the **latest advances in biometrics, data analytics, cloud hosting and mobile technologies**, IDEMIA's solutions support government agencies and law enforcement agents in their daily missions, and provide them with effective tools for facilitating and accelerating investigations.

1st
cloud-native Automated Biometric Identification System (ABIS)

#1
biometric analytics software for law enforcement agencies worldwide

150
criminal identification systems deployed worldwide

Building on fingerprint capability, in 2016 INTERPOL called on IDEMIA to make facial recognition available to its members. Thanks to both biometric systems, INTERPOL managed to match and identify over 300 suspects in 2019. In the same way that criminals use ever more innovative and sophisticated ways to avoid detection, law enforcement must also benefit from the latest advances in technology, especially in biometric security, to better combat all forms of transnational crime. INTERPOL's enhanced partnership with IDEMIA will further help our member countries better protect their borders and their citizens.

Cyril Gout,
Director of Operational Support and Analysis, INTERPOL

Press release, April 2021

Making an impact

impact

Driving positive changes across our business and across the world

Our commitment to making a positive global impact is embedded in our purpose: to unlock the world and make it safer. We are committed to fostering meaningful innovation that is customer-centric and drives **responsibility**, **inclusivity**, and **sustainability**, not only at IDEMIA but throughout our supply chain.

Our leadership in identity technologies places the protection of personal data at the heart of IDEMIA's activities. Security, confidentiality, and personal data protection are a constant focus.

Inclusion

A "legal identity for all" commitment

Financial inclusion

Equal opportunity in hiring

Sustainability

Eco-friendly product and service approach

EcoVadis Platinum certification

Ethics

Responsible data collection

Privacy by design

Unbiased biometric algorithms

Strict supplier code of conduct

Our IMPACT strategy

The success of our CSR efforts relies on the contributions of everyone at IDEMIA. Since 2006, IDEMIA has supported the UN Global Compact, the world's largest corporate sustainability initiative. With our Corporate Social Responsibility (CSR) program, IMPACT, we are driving positive change across our business and every community in which we operate. Our CSR strategy is **closely aligned with nine of the UN Sustainable Development Goals**.

21M

metric tons of carbon dioxide equivalents (CO2e) reduced through our GREENPAY offer

1.2B+

people in India given a legal identity in the Aadhaar program with our technology

33

employee-led community projects in 2021, positively impacting the lives of 6,000 beneficiaries

Actions we are taking

› Supporting **communities** through local actions and a group focus on youth, education and digital inclusion

› Protecting the **environment** with the goal to reduce our carbon footprint by 25% by 2025 (compared to 2019)

› Providing workplaces that are inclusive, fair and safe, and that give **people** the freedom to flourish

› Carefully choosing our **customers**, **partners** and **suppliers**

› Promoting **ethics** with a zero-tolerance policy on conflicts of interest, anti-trust and anti-corruption

Our **people**

IDEMIA is a place where everyone is welcomed, empowered, and united around a vision: unlock the world, make it safer.

15,000
employees representing
80 nationalities
and speaking
100+ different languages

Operations in
50 countries

An international environment

Given the wide range of technologies we develop and the variety of businesses in which we operate, our teams work from all over the word. Being part of a global community and working across borders means **a lot of international exchanges**, in a dynamic environment where everyone can find a way to grow their skills and develop their career.

Unlocking career development opportunities

IDEMIA recognizes the critical part employees play in our company's success. We are committed to the growth and development of our people, and propose a large set of opportunities to help build their careers. From the close relationships that our teams build with our clients in every country where we operate to our ability to detect new technological trends as they emerge around the world, IDEMIA is a catalyst for career development.

At IDEMIA, we believe that providing an environment where **everyone can be the driver of their own journey** and unlock their potential is essential for the success of our Group.

Highly engaged teams

Our company culture is molded by the role we play in society. Everywhere in the world in our headquarters, offices, factories, services centers and enrolment centers our employees are going the extra mile to help our clients solve great challenges.

A unique set of values

At IDEMIA, we all share five core values that set the basis for our culture and help us grow as part of the same community:

› **CURIOUS**
We find inspiration from clients, colleagues, markets and friends

› **TRUSTED**
We don't ask for trust, we earn it

› **CARING**
We care for our clients, our people and our stakeholders

› **DARING**
We challenge the status quo

› **TOGETHER**
We can be #1 in all our efforts

Preparing
for the future

IDEMIA has been **innovating for over half a century**—introducing game-changing technologies on the market such as ePassports, the use of biometrics in civil ID systems, and most recently ESG payment card programs and quantum-resistant SIM technology.

Our **continuous investment in research and development** allows us to stay at the forefront of our industry. And with every technological disruption, we adapt to meet new and evolving security challenges and demands.

We are investing today in the technology of tomorrow:
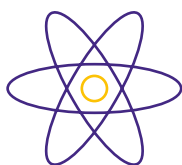
Post-quantum cryptography

Digital currencies and crypto wallet

Data analytics for public safety and financial institutions

6G technology

Cloud

IDEMIA

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