



Be STid, Instinctive technology

[+] Security corporate presentation 2017

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OUR BUSINESS

Protecting people, assets and data through secure identification and access control

- Innovative designer of contactless identification solutions (readers and credentials)
- Expert in RFID, NFC, Bluetooth® & IoT technologies

www.stid.com



STid
Electronic Identification

OUR APPROACH

Removing the limits from our business

- Technological independence
- Instinctive technologies

Easy to evolve

Open and flexible technologies

Easy to use

Optimized for user-friendliness

Easy to secure

Tools for full control of your security





OUR PHILOSOPHY

Certified Security

**Why argue about security when we are certified!
Security is not just a word. It needs to be proven!**

First RFID manufacturer to have received ANSSI First Level Security Certification (CSPN)



Expert in contactless identification technologies for 20 years: RFID, NFC & Bluetooth®



France's leading manufacturer of contactless identification readers



First winner of the "Growth" award, created in partnership between "Réseau Entreprendre" and the DGA (French Defense procurement and technology agency) for pour strategic Defense companies



ISO 9001-2008 Certified Quality For "Design, production, marketing and support"



Approved training center

[Find out more](#)



[Skip](#)

ACTIVITIES



SECURITY

Protecting people, assets and data through secure identification and access control

- High-Security physical and logical access control
- Automatic Vehicle Identification (AVI)



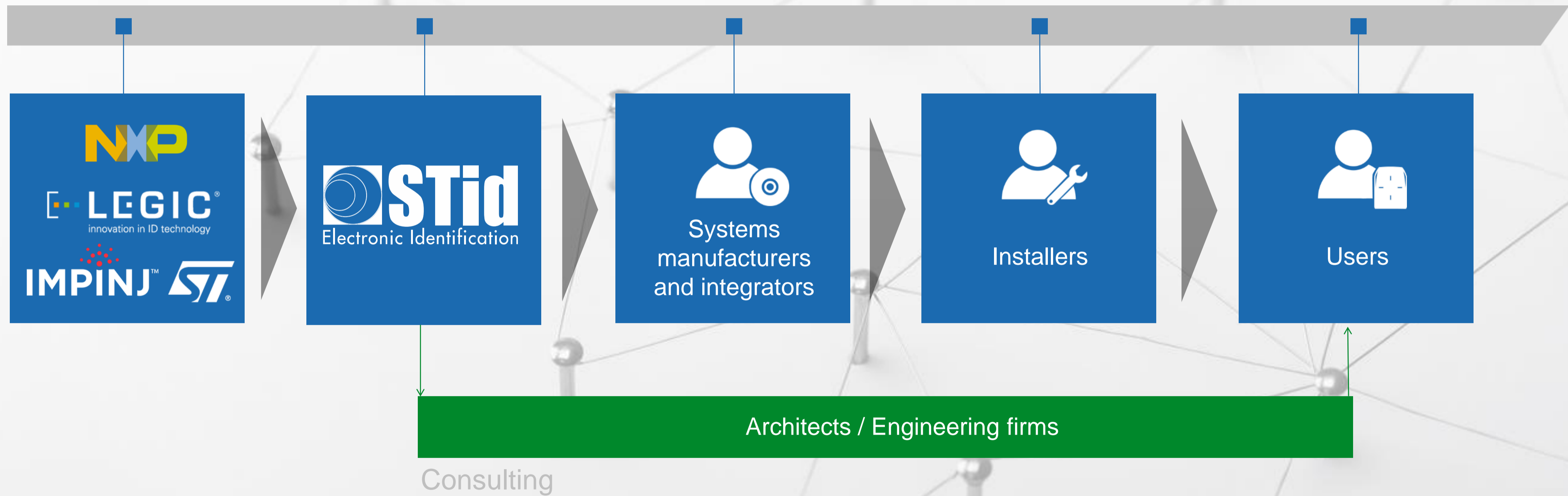
INDUSTRY

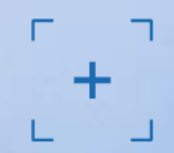
Securing and facilitating industrial flows and processes monitoring





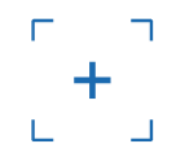
Value chain





History

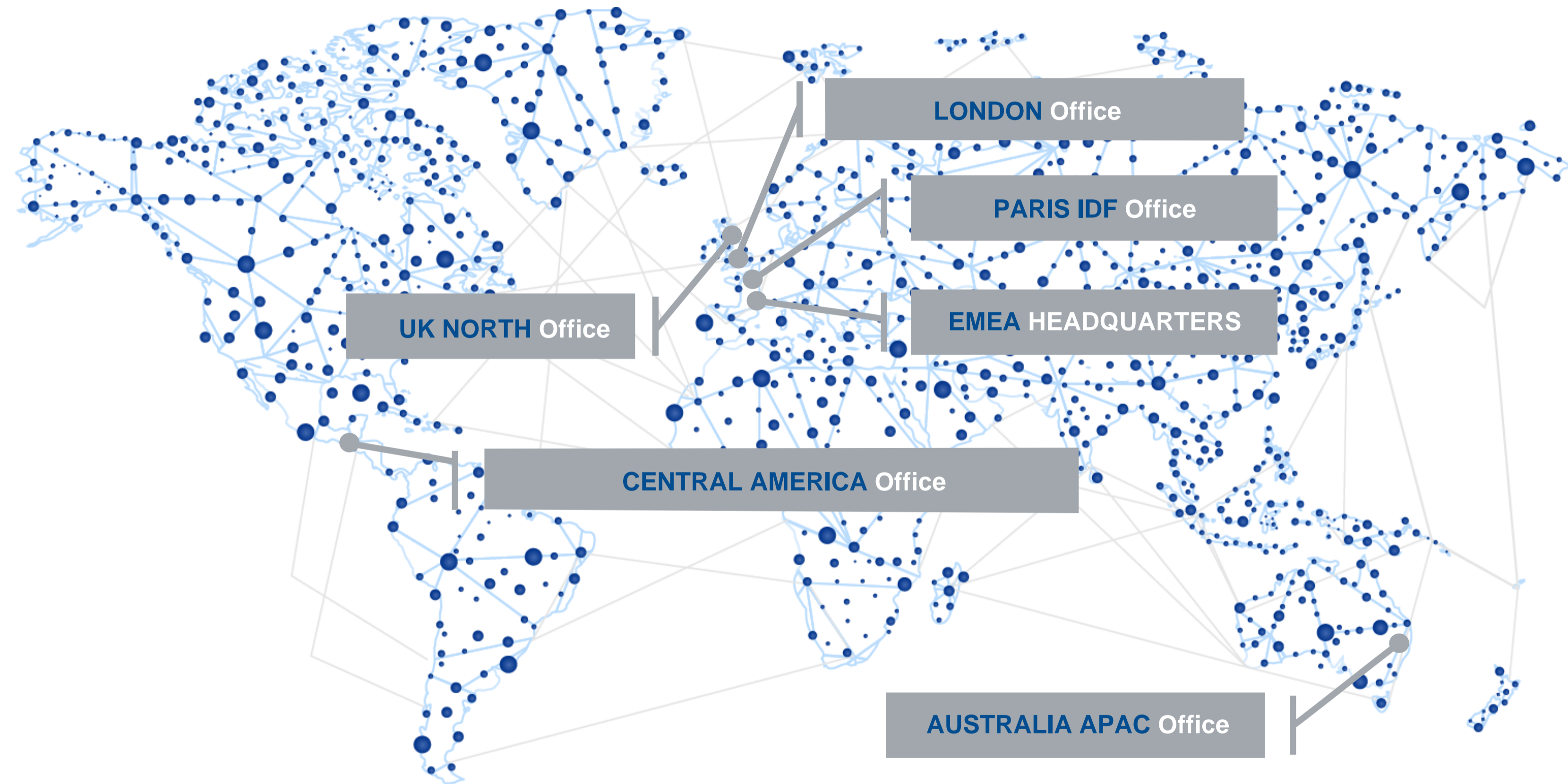


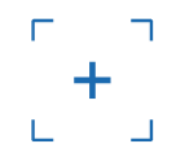


OUR LOCATIONS

We share our local experience... across the world

- 1 headquarters in France
- 5 sales offices
- Over 50 countries





OUR AMBITION

Leading High Security Manufacture



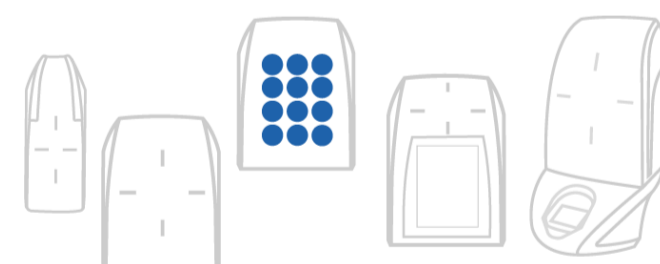
#1 RFID
manufacturer
in France



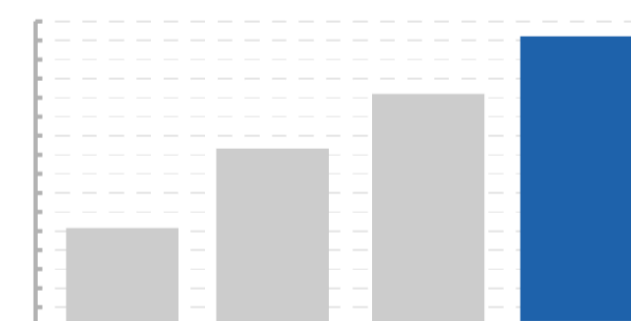
€7.2m
sales in 2016



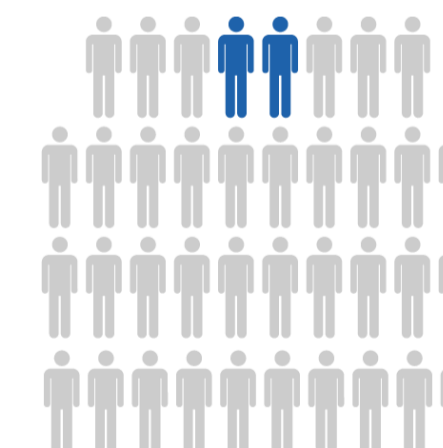
1 Head Office
5 Sales Office
2 Subsidiaries



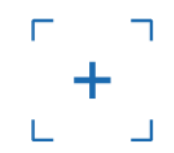
>700 000
readers in service



23%
growth
in 2016



X49
employees



Clients

\$ BANKING



🏛️ GOVERNMENT



www.stid.com

🎓 EDUCATION



🏭 INDUSTRY



💊 HEALTHCARE



🏢 TERTIARY



OUR STRATEGY

**We make the difference,
you reap the benefits**



**Design in
France**



Support



**Strategic
innovation**



Certification



Service policy



**Open
technology**





Be STid

Be sure, be free, be smart

[Find out more](#)



Be STid, be smart



CERTIFICATION

[Find out more](#)



CRYPTOGRAPHIE

[Find out more](#)



POLITIQUE QUALITÉ

[Find out more](#)



BE STID, BE SURE

1st RFID manufacturer to be awarded ANSSI CSPN certification



- Products certified or compliant with ANSSI requirements (French Network and Information Security Agency)
- The only certification covering the entire communication chain (Credential ➡ Reader ➡ System)
- Secure storage of sensitive data
- Software security audit

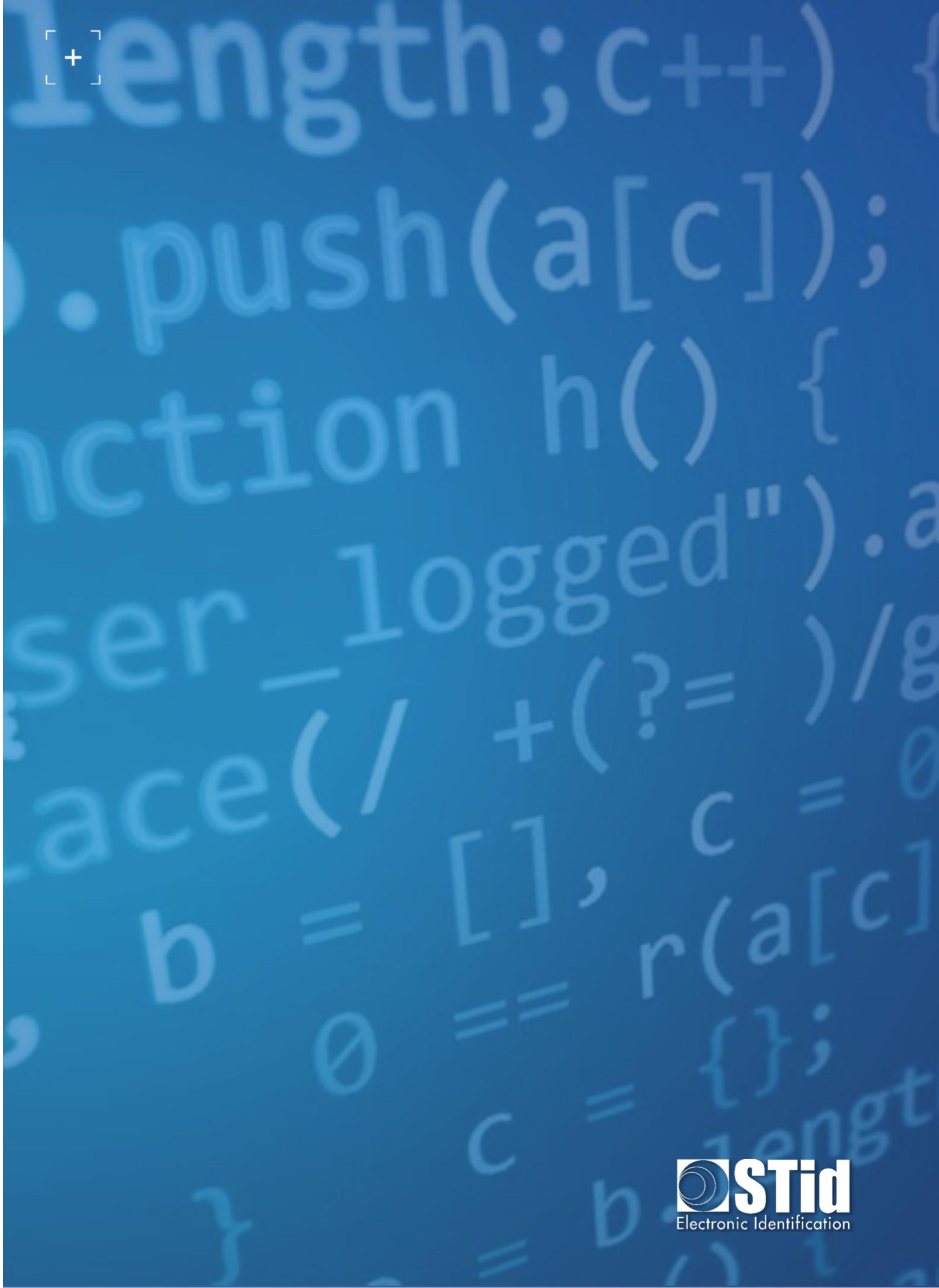




BE STID, BE SURE

Data security: authenticity and privacy

- Use of public algorithms that comply with French security standards (RGS)
- Secure design and development of software and firmware
 - Anti-reverse engineering development methods





Quality assurance

BE STID, BE SURE

ISO 9001-2008 Certified Quality

- Company-wide quality assurance process incorporated into each step of the product life cycle





Be STid, be free



**OPEN
TECHNOLOGIES**

[Find out more](#)



FREEDOM

[Find out more](#)



CUSTOMIZATION

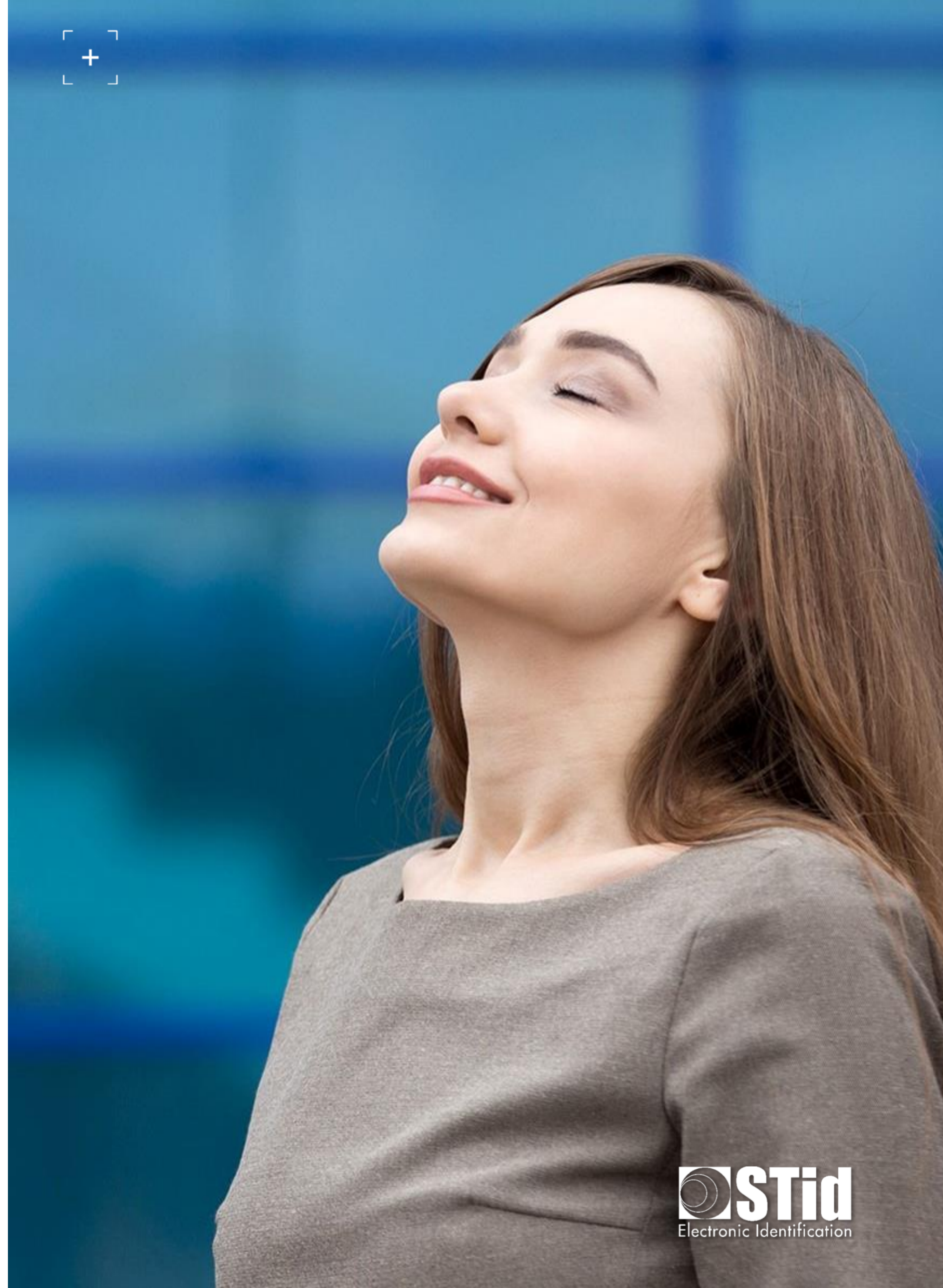
[Find out more](#)



BE STID, BE FREE

Open non-proprietary technologies

- Use of RFID standards
 - ISO 14443-A
 - ISO 14443-B
 - ISO 18000-63
- Use of communication standards
 - ISO, TTL, Wiegand, Data / Clock, serial data transfer, SSCP, OSDP protocols
- Use of cryptography standards





Freedom

BE STID, BE FREE

Independence security management

- Stay in control of your security!
 - Simple and powerful tools
 - Storage of sensitive data within your organisation





Customization

BE STID, BE FREE

Readers & tags

Designed to blend into your environment

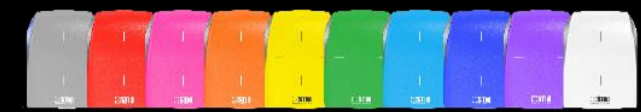
- Reader customization
 - Logos, casing color, covering, LED colors
 - OEM - Customized readers designed to order
- Credential customization
 - Tailored designs and graphic services (DTP)
 - Customized encoding
 - Custom security features: security ink, UV, holograms)
 - Quick service

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CUSTOMIZABLE MULTI-COLORED LEDs
(RVB, 360 colors)

CASING COLOR CHOICE



LOGO PRINTING

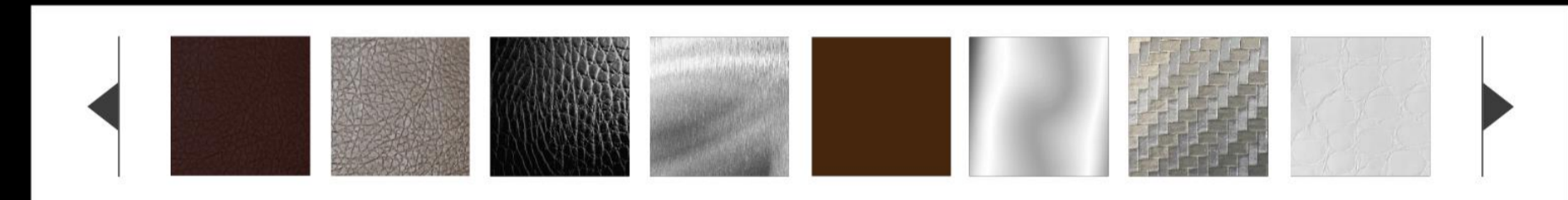
Tampography

Ink-jet printing HQ

CASING WITH "SKIN EFFECT" TEXTURE



Select your skin effect from many possibilities:



SECURITY INK

- UV / Fluorescent
- Bi-fluorescent
- IR

RFID CHIP AND ANTENNA
Mono-technology
or dual-frequency
(HYBRID) version



UV

HOLOGRAMS
AND HOLOGRAPHIC
STRIPS



Be STid, be smart



INNOVATIVE

[Find out more](#)



FLEXIBLE

[Find out more](#)



USER-FRIENDLY

[Find out more](#)



Innovation

BE STID, BE FREE

Useful innovation

- Innovation is in our DNA
We are constantly developing innovative value-generating ideas and creative approaches for your markets and technologies.
- Pioneer in the RFID market
- Innovation Department created in 2015
- Our innovative solutions are based on 4 key features:
 - Reliability
 - Security
 - Performance
 - User-friendliness

INNOVATION

**10.2% of revenue
Invested in R&D in 2016**

25% of our team works in R&D

11 active patents

Over 100 years total combined
experience in R&D



Products - Human Access Control

PRODUCTS

Architect® 13.56 MHz Range

Perfect blend of high-security and flexibility

- Flexible
- Secure
 - EAL5+
 - IK 10
 - Accelerometer-based tamper detection system
- User-friendly
 - All functionalities and security levels can be easily upgraded across all your readers
- Customizable
 - Logo, case color and texture effect, multi-colored LEDs



See the video 



Flexibility

BE STID, BE SMART

Flexibility

- Modular readers that can easily be updated to meet tomorrow's needs today
- Multi-technology reader and tag ranges for all your migration projects



Architect® range



Range of dual frequency cards



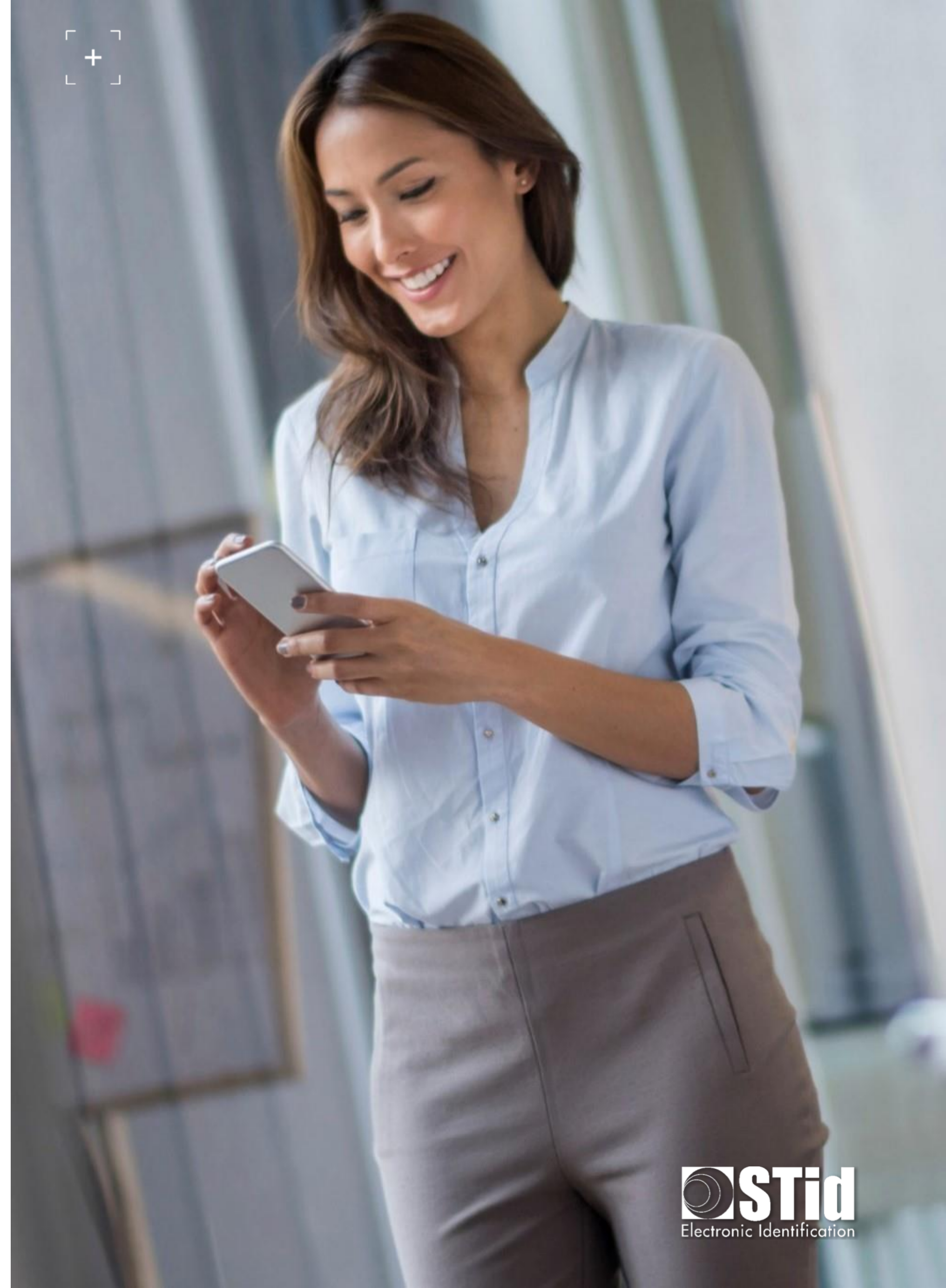


User- friendliness

BE STID, BE SMART

Making technology instinctive

- Developing intuitive user-friendly solutions
- Making things easy for users
- Getting your employees on board with your organization's security policy





Human Identification

High-Security physical
and logical access control

[Find out more](#)



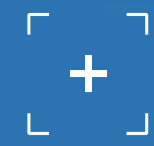
Automatic Vehicle Identification (AVI)

for parking access and fleet
management applications

[Find out more](#)



Mobile
access solutions



Secure access
card readers



ATEX solutions



Services / Formations





Products - Human Access Control

PRODUCTS

Architect® 13.56 MHz Range

Perfect blend of high-security and flexibility

- Flexible
- Secure
 - EAL5+
 - IK 10
 - Accelerometer-based tamper detection system
- User-friendly
 - All functionalities and security levels can be easily upgraded across all your readers
- Customizable
 - Logo, case color and texture effect, multi-colored LEDs



See the video 



Products - Human Access Control

PRODUCTS

A mechanical revolution The flexibility creates new opportunities

- **Modularity**
 - 6 possible configurations from 1 unique electronics and 1 common installation secure base

- **Scalability**
 - Multi-technology to facilitate migrations



- **Economy / ROI**
 - For example, switch from RFID reader to biometric reader without system reconfiguration with upgrade cost reduced by half.



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Products - Human Access Control

PRODUCTS

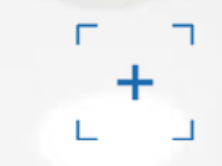
Installation

- **Optimized connectivity**
 - Plug-in connector: more convenient than cable.
 - Large connector (5mm)
- **Easy-to-install**
 - Same "Smart Fix" base for all the Architect® readers
 - Compatible with European flush boxes or wall mount.
 - Without spacer, including on metal surfaces





Products - Human Access Control



PRODUCTS

Standing the test of time



Impacts
IK10



Fluids
Water, detergent, oil...



Fire
Self-extinguishing

[See the video](#)





PRODUCTS

Architect® One Mini mullion 13.56 MHz RFID card reader

- **Slim and secure**
 - Perfect combination of ultra-compact design
secure identification performance
- **Easy to install**
 - Specially designed for installation on door mullions and narrow
electrical flush boxes
- **Secure**
 - EAL5+
 - IK 10
 - Accelerometer-based tamper detection system
- **Customizable**
 - Logo, case color and texture effect, multi-colored LEDs



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Products - Human Access Control

PRODUCTS

WAL 13.56 MHz RANGE

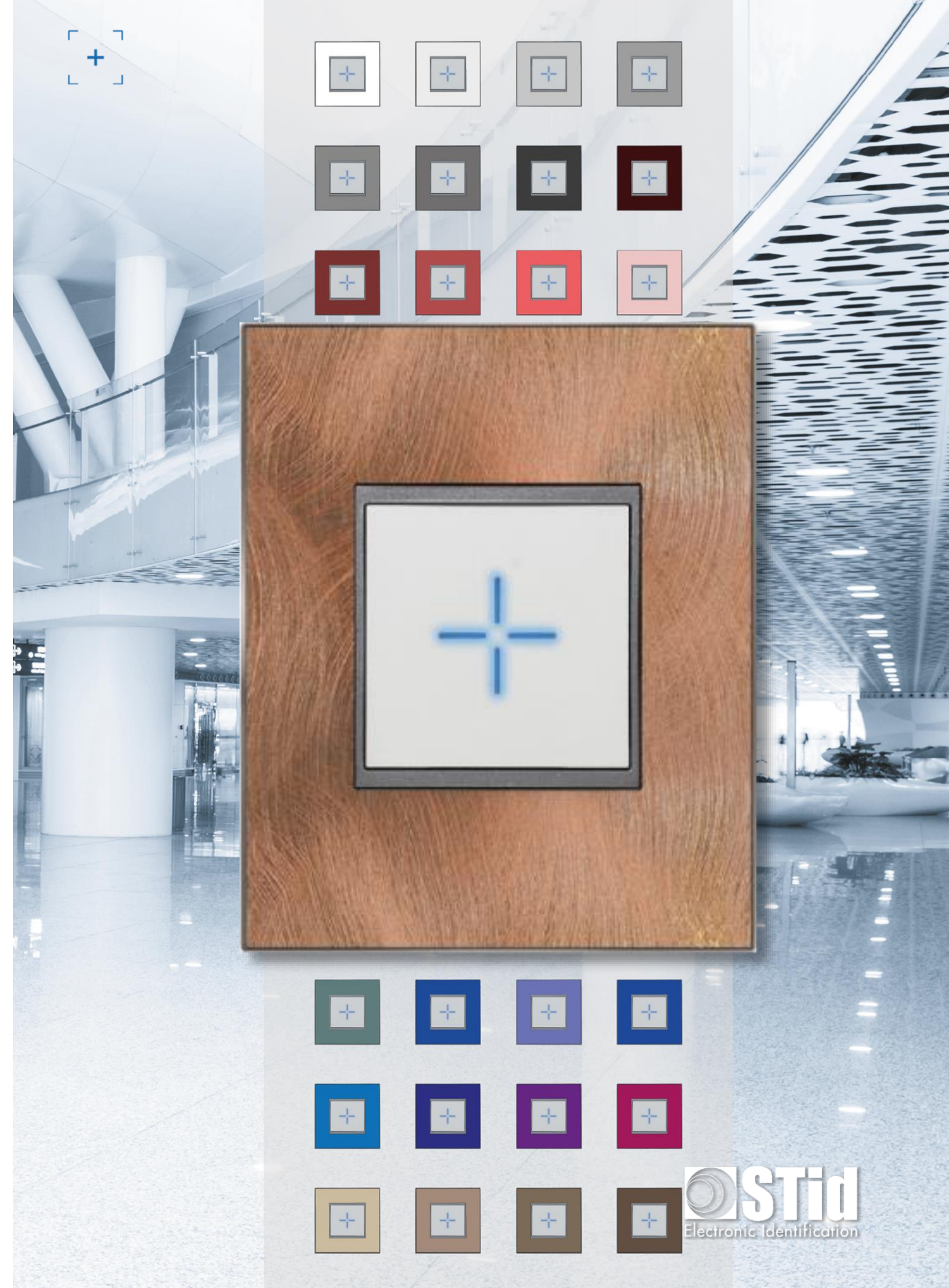
Customizable built-in reader – WAL

- Specially designed for integration into flush boxes
- Unobtrusive design and easy to use
- High security and multi-technology
- Uses the very latest data security technologies
- Accelerometer-based tamper detection system
- Customizable

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Products - Human Access Control

PRODUCTS

ANSSI interfaces

Smart interface for modular and flexible architecture

- **EasyRemote & Remote Secure Interface**
These 2 interfaces make the reader "transparent", for direct communications with the chip in compliance with official guidelines (ANSSI Architecture #1).
- **Secure architecture**
Security settings are transferred to a secure location and the decoder/interface converts RS485 secure communications into Wiegand and Data/Clock (EasySecure) or SCCP (EasyRemote) protocol.
- **Easy to integrate - Plug & Play**



See our other architectures





Products - Human Access Control

PRODUCTS

SECARD

Your software solution for full control of security

- Create physical or virtual master cards for programming readers
- Securely program user cards and virtual access cards
- Manage keys and security configurations



1 Configuration badge created and encryption keys defined



2 User badges and virtual access card programmed using the encryption keys define



3 Readers programmed using configuration badge



SECARD



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Products - Human Access Control

PRODUCTS

STid Mobile ID & Architect® Blue Your instinctive secure access control solution where your cellphone becomes your access card.

- STid Mobile ID Application
Available for free download from:



- Architect® Blue readers
RFID 13.56 MHz MIFARE®, NFC (HCE)
and Bluetooth® Smart (Low Energy)



- SECard configuration tool



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User-friendly

BE STID, BE SMART

Identification modes



Badge Mode



Tap Tap Mode



Slide Mode



Remote Mode

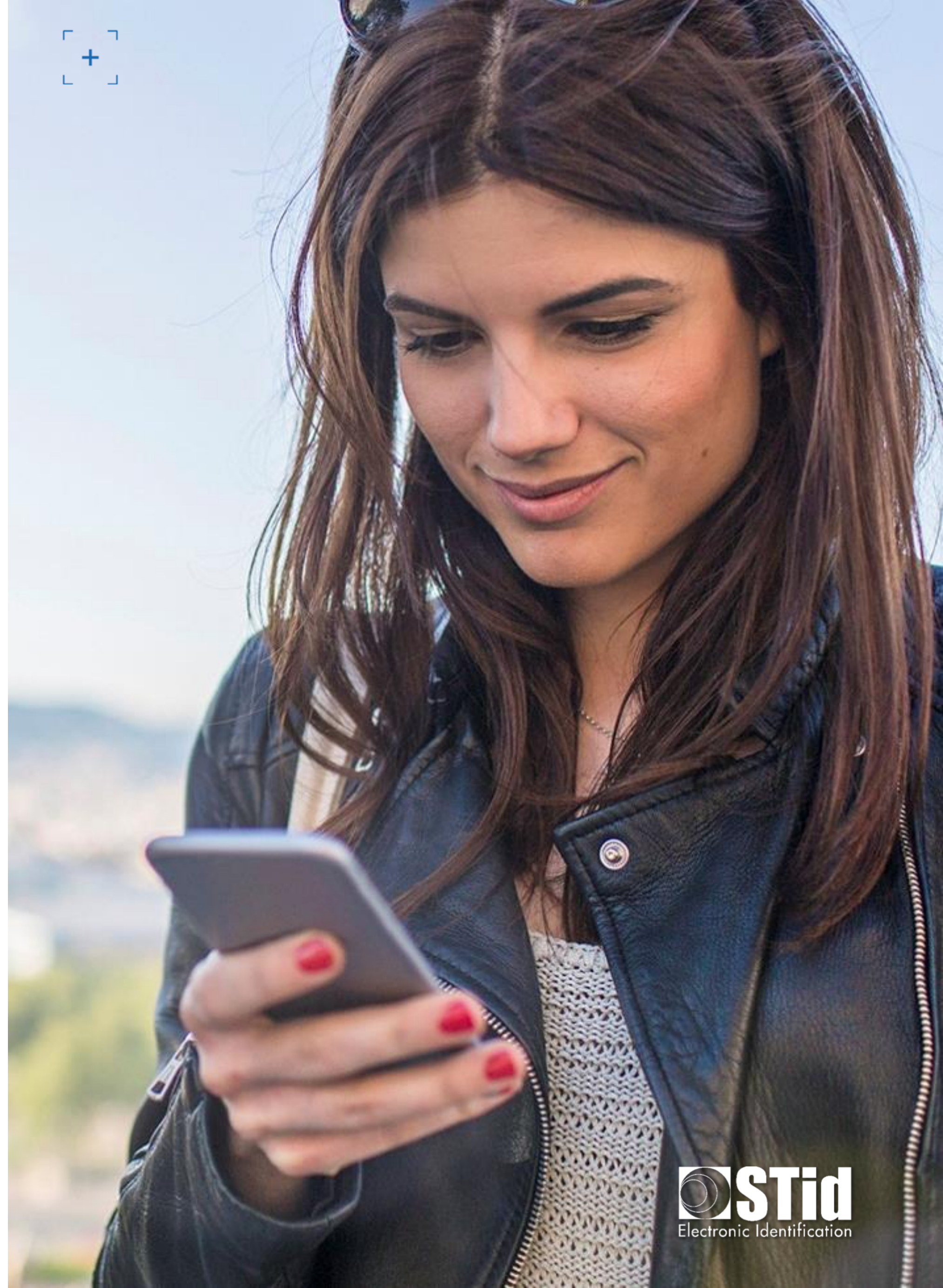


Hands-free Mode



STid Mobile ID®

[See the video](#)





Products - Human Access Control

PRODUCTS

Virtual Access Cards



STid Mobile iD

iD : #42BF3478



STid Mobile iD +

iD : #42BF3478

CSN STid Mobile ID®

- Unique identifier provided when app is installed
- Free of charge

CSN STid Mobile ID® +

- Upgraded version of STid Mobile ID® access card

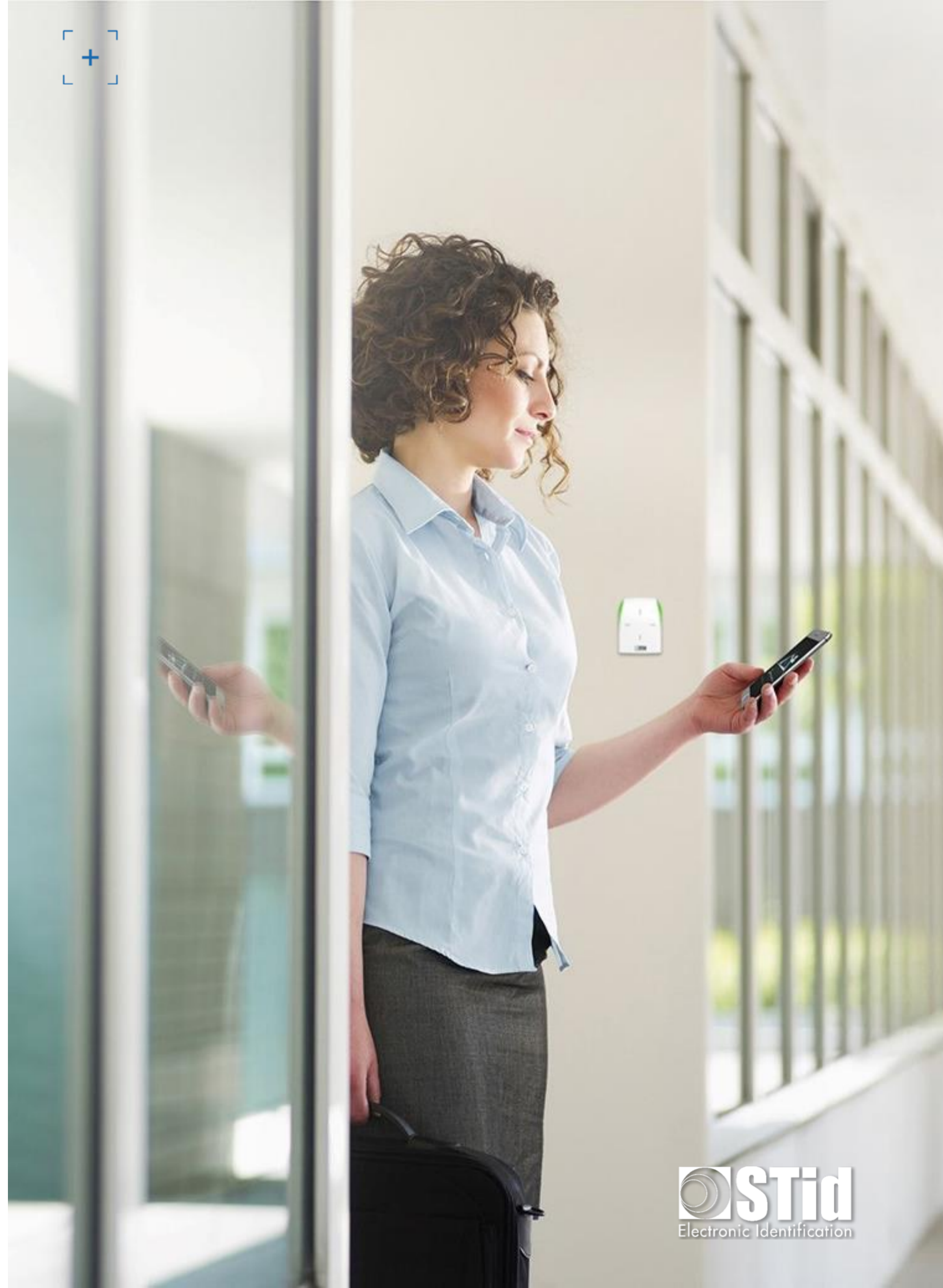


Card name

Configuration name
Site code 1234
iD: #1231458963

Virtual access card

- Private ID
- Self-configurable security settings

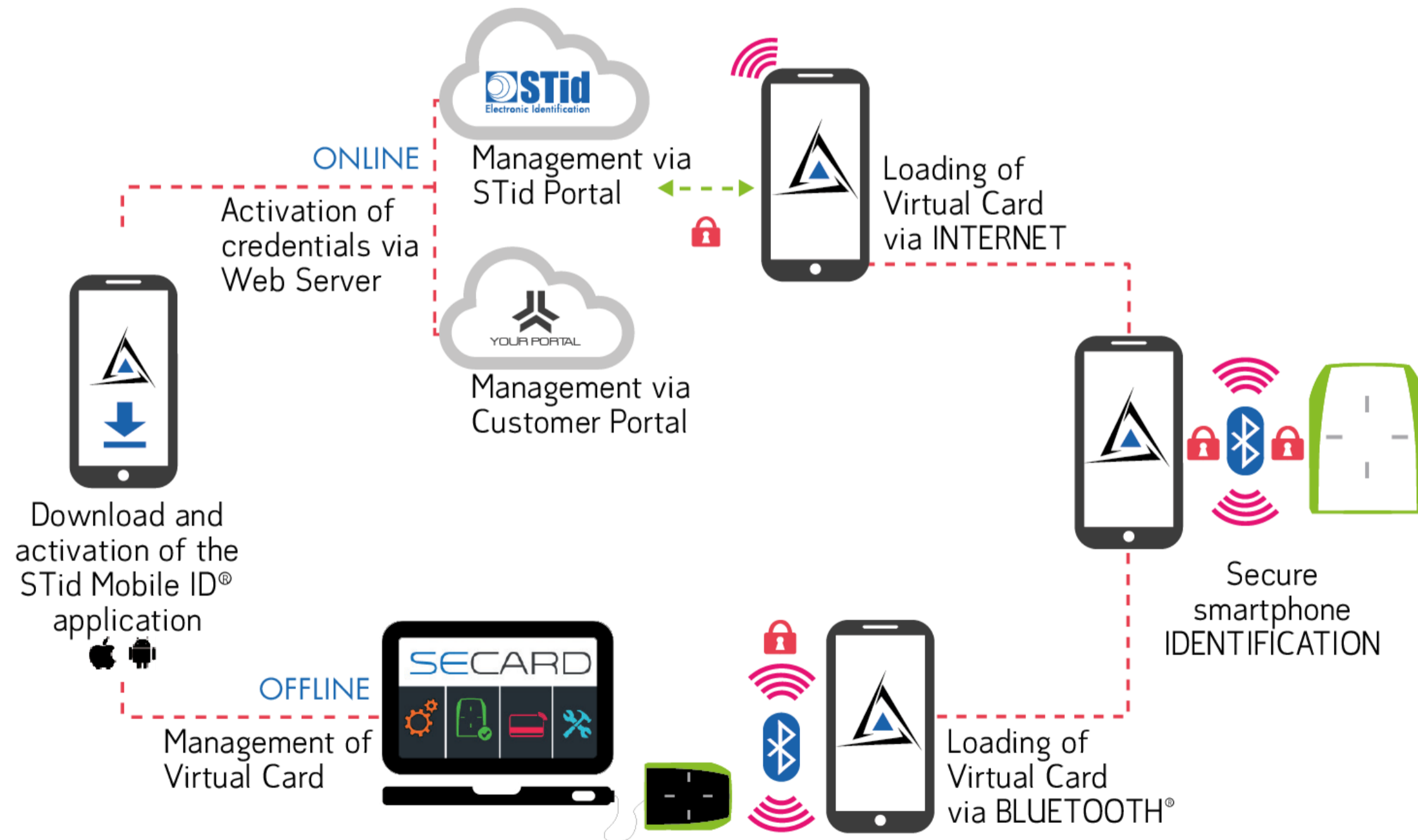




Products - Human Access Control

PRODUCTS

Architectures



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STid Mobile ID®

ARCHITECT BLUE

STid Electronic Identification



Products - Human Access Control

PRODUCTS

Handheld terminals

- Specially designed for access control applications at trade fairs, exhibitions, concerts and other events
- Terminals fitted with a STid 13.56 MHz reader head
- Integrated software tools
(Software demo + OS Windows or Android)





Products - Human Access Control

PRODUCTS

Hands-free reader range UHF RFID readers for smoother access!

- UHF EPC1 Gen 2 (ISO 8000-63) readers
- Large read range
- Specially designed for smooth identification of moving individuals, with no constraints on the user
- Customizable
 - Logo, multi-colored LEDs

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Products - Human Access Control

PRODUCTS

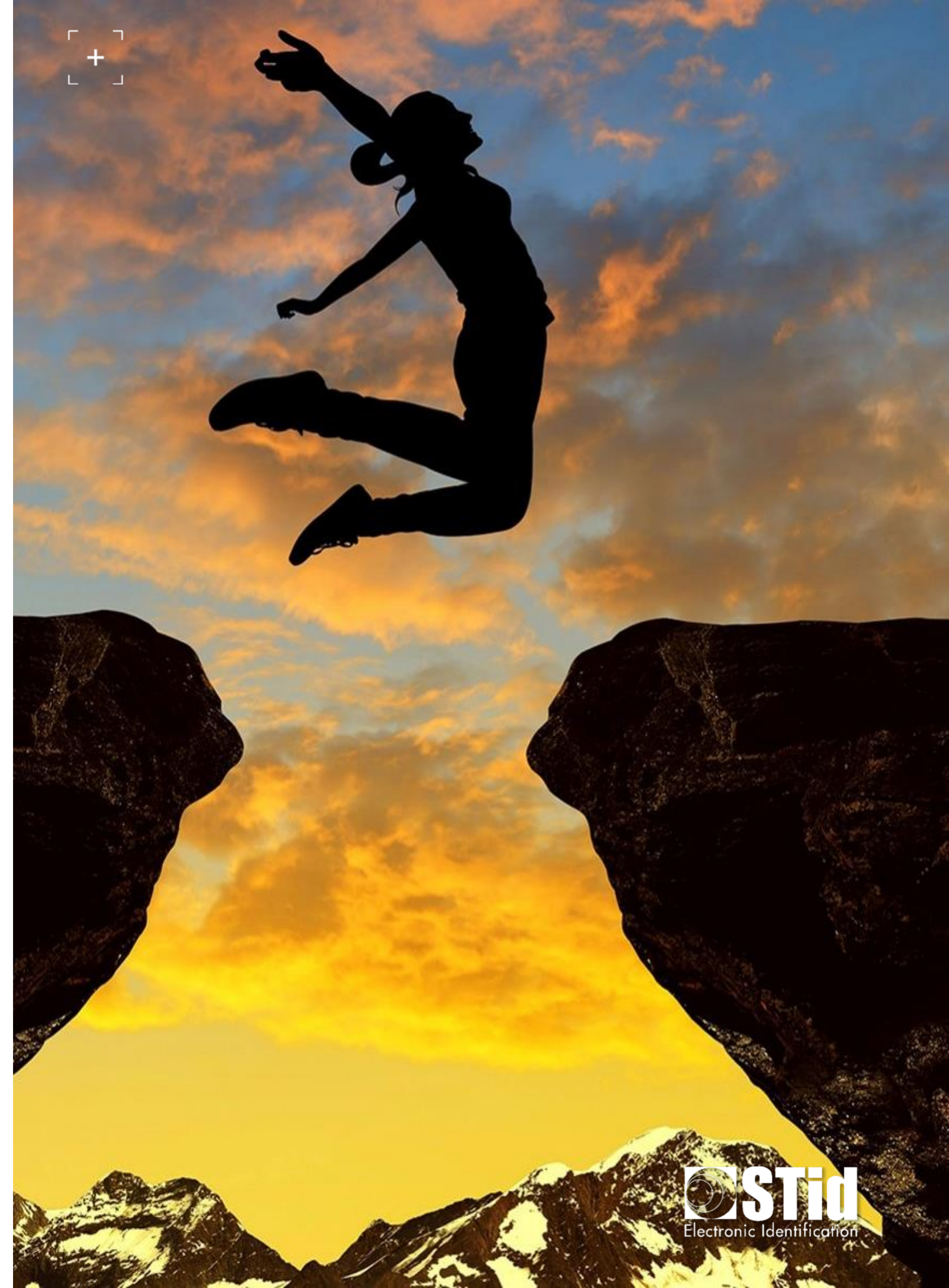
HYBRID High-Security reader and identifier range

- Reader and card ranges specially designed for all your technological migration projects
- Hybrid dual-frequency readers:
 - 125 kHz + 13.56 MHz
 - 3.25 MHz + 13.56 MHz
- Hybrid ISO dual-frequency cards:
 - 125 kHz + 13.56 MHz
 - 125 kHz + UHF
 - 13.56 MHz + UHF



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Products - Human Access Control

PRODUCTS

ATEX & IECEx certified readers RFID identification in explosive environments

- Compliant with international standards:
 - ATEX (EN60079) et IECEx (Ex II 2 GD IP66) certification
 - European directives (99/92/CE and 94/9/CE)
- 13.56 MHz, 125 kHz and UHF ranges

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ATEX & IECEx RFID SERIES





Products - Human Access Control

PRODUCTS

Identification tags

Full range of RFID identification tags

- Multi-technology cards and tags
(Contact or contactless chip, magnetic strip, dual frequency, dual interface, NFC, etc.)
- ISO cards, key rings, bracelets, disk or label tags, etc.

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Services - Human Access Control

SERVICES

STid Academy

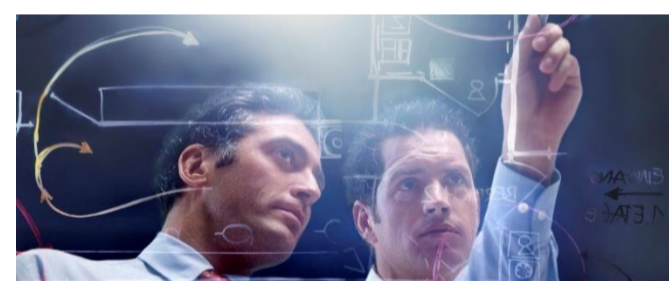
Training programs in RFID products & technologies



Introduction to RFID - Basics



MIFARE Plus®
DESFire® EV1 & EV2
Technologies - Level 1



MIFARE Plus®
DESFire® EV1 & EV2
Technologies - Level 2

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PRODUCTS - AUTOMATIC VEHICLE IDENTIFICATION



Secure controlled management of vehicle access

- Secure parking lot access
- Fleet management
- Smoother access



Products



Services

Automatic Vehicle Identification (AVI)



AVI readers



AVI tags



Software



Training



Products - Automatic Vehicle Identification

PRODUCTS

AVI reader range

UHF RFID readers for smoother access

- High-performance UHF EPC1 Gen 2 (ISO1800-63) for use in any type of environment
- Meet all your vehicle identification needs
 - Integrated or remote antenna system
 - Multichannel identification
- No electronic set-up required at installation
 - (Plug & Play)
- Instantly compatible with existing architecture

[Download brochure](#)





Products - Automatic Vehicle Identification

PRODUCTS

STid Mobile ID & Architect® Blue

Instinctive identification modes for smooth driver identification

- "Remote" Mode
- remote control of your access points
- Hands-free Mode



STid Mobile ID®



ARCHITECT®
BLUE

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Products - Automatic Vehicle Identification

PRODUCTS

Handheld terminals with UHF reader head

- Range of handheld terminals equipped with a UHF EPC1 Gen2 / ISO18000-63 reader head
- Mobile solutions designed for remote tag reading by an operator
- Terminals come with built-in software (Demo software + OS Windows or Android)

Our terminals

- Workabout Pro 4 Terminal
- Medea Nordic ID
- C-One Coppern





Products - Automatic Vehicle Identification

PRODUCTS

AVI tags

Full range of UHF ISO RFID identification tags
UHF EPC1 Gen2 / ISO18000-63

- TeleTag®
 - Mounts inside the windshield
 - Smart attachment system for temporary or permanent installation
- Windshield stickers - ETA
 - High-performance adhesive tags
 - Specially designed to be affixed on windshields.
 - Disabled when removed (optional)
- ISO UHF cards
 - Compatible with GAT and GAT nano reader range
 - Available in dual-frequency versions (125 kHz + UHF / 13.56 MHz + UHF)





Products - Automatic Vehicle Identification

PRODUCTS

Software & encoders

UHF programming kit

Program "reader configuration" and "user" cards

ultrys

UHF enrollment kit

Reports identification tag numbers in all types of client applications (keypad emulation)

Includes: UHF reader + SWEDGE software

SWEDGE

UHF DEVKIT development kit

Integrates SCCP protocol and UHF read / write functions

Kit contains software tools (DLLs for Windows)



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Services - Human Access Control

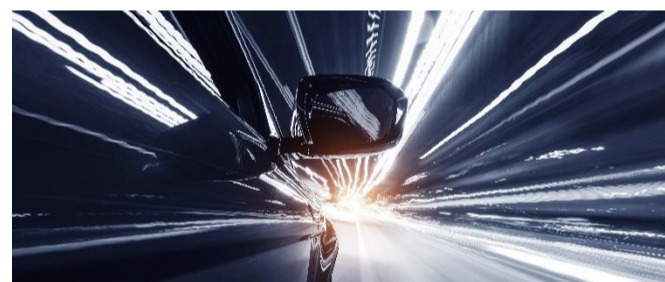
SERVICES

STid Academy

Training programs in RFID products & technologies



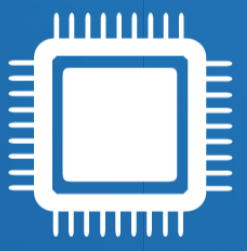
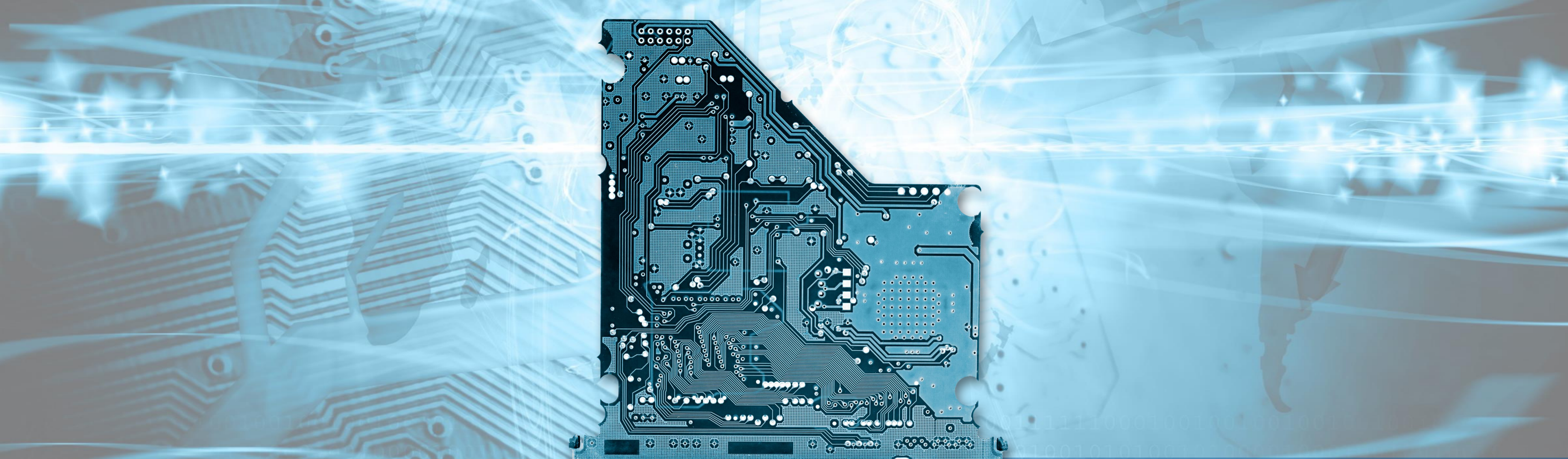
Introduction to RFID - Basics



UHF - Issues and applications for vehicle identification

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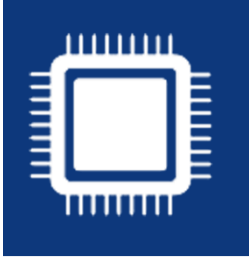




OEM modules

Customization and tailor-made design of access control applications

[Find out more](#)



Products – Modules

PRODUCTS

OEM

Custom design readers



Audit phase

Assessment of existing systems and opportunities (RAMS process with functional assessments of risks, reliability, etc.)

Creative phase

Recommendation of technologies and technical solutions, with financial (ROI), organizational, human and technical impact assessments (standards, certifications)

Project Management phase (Project owner, Project manager)

Specifications drafting, project planning/scheduling, resource management

Design phase

- Architecture design
- Electronic, electrical and equipment design
- Production Firmware development

Qualification phase

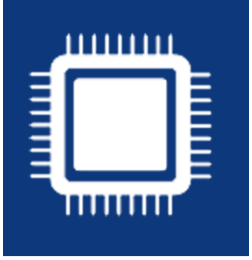
- Quality control
- In-house and laboratory testing
- Onsite testing

Integration phase

Implementation of the solution

Support stage

- Technical and operational training
- Change management support
- Follow up and support



Products – Modules

PRODUCTS

OEM

Full range of HF and UHF modules

- 125 kHz modules
- High security 13,56 MHz modules



- UHF modules and mini modules
- Low, medium and full power

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Security case studies



Tertiary



Government



Banking



Industry



Healthcare



Education



TERTIARY

Client:
ODEON TOWER
Monaco



Challenge:

Deploy an attractive and ultra high-security solution for a highly prestigious location.

Solution:

- Over 1400 RFID readers
- Secure DESFire EV1 technologies
- Engineering studies and technical validation

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AVANTAGES :

**DESIGN &
ESTHÉTIQUE**

NIVEAU DE SECURITÉ



BANKING

Client:

Banque Populaire
Provençale et Corse



Challenge

Implement an access control system, to secure head office, manage the flow of hundreds of staff and integrate all applications using a single card system.

Solution:

- Single multi-application MIFARE RFID® card
- High Security proximity readers
- For human access control
- Long-range UHF readers
- For vehicle access control

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BENEFITS :

Centralized data storage

High level of security

Enhanced brand image



INDUSTRY

Client:

Oil refinery
in the Middle East



Challenge

Secure access to a sensitive site with high levels of human traffic, complying with ATEX & IECEx standards, and ensure compatibility with the existing access system.

Solution:

- MIFARE® DESFire RFID cards
- Deployment of multiple High Security ATX 13.56 MHz readers

BENEFITS :

RFID technology in an explosive environment

High level of security

Compliance with all international standards

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HEALTHCARE

Client:

WHO – World Health Organization



Challenge

Implement a multi-functional access solution, to meet the requirements of a healthcare environment, for laboratory security and many crucial additional functions.

Solution:

- Touchscreen RFID readers (Architect®), SCCP communication protocol and silicone bracelets
- Multiple functions implemented in the reader
- Display and touchscreen
- STid SCCP protocol integrated for independence and autonomy
- The SCCP protocol is open and compatible with all access control systems

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BENEFITS :

Protection for staff and local community

Compliance with security procedures for mobile laboratories



EDUCATION

Client:

Crous - University of
Lyon UCBL



Challenge :

Supply an RFID reader that could be used with the CROUS IZLY student ID card for on-campus secure payment applications.

Solution:

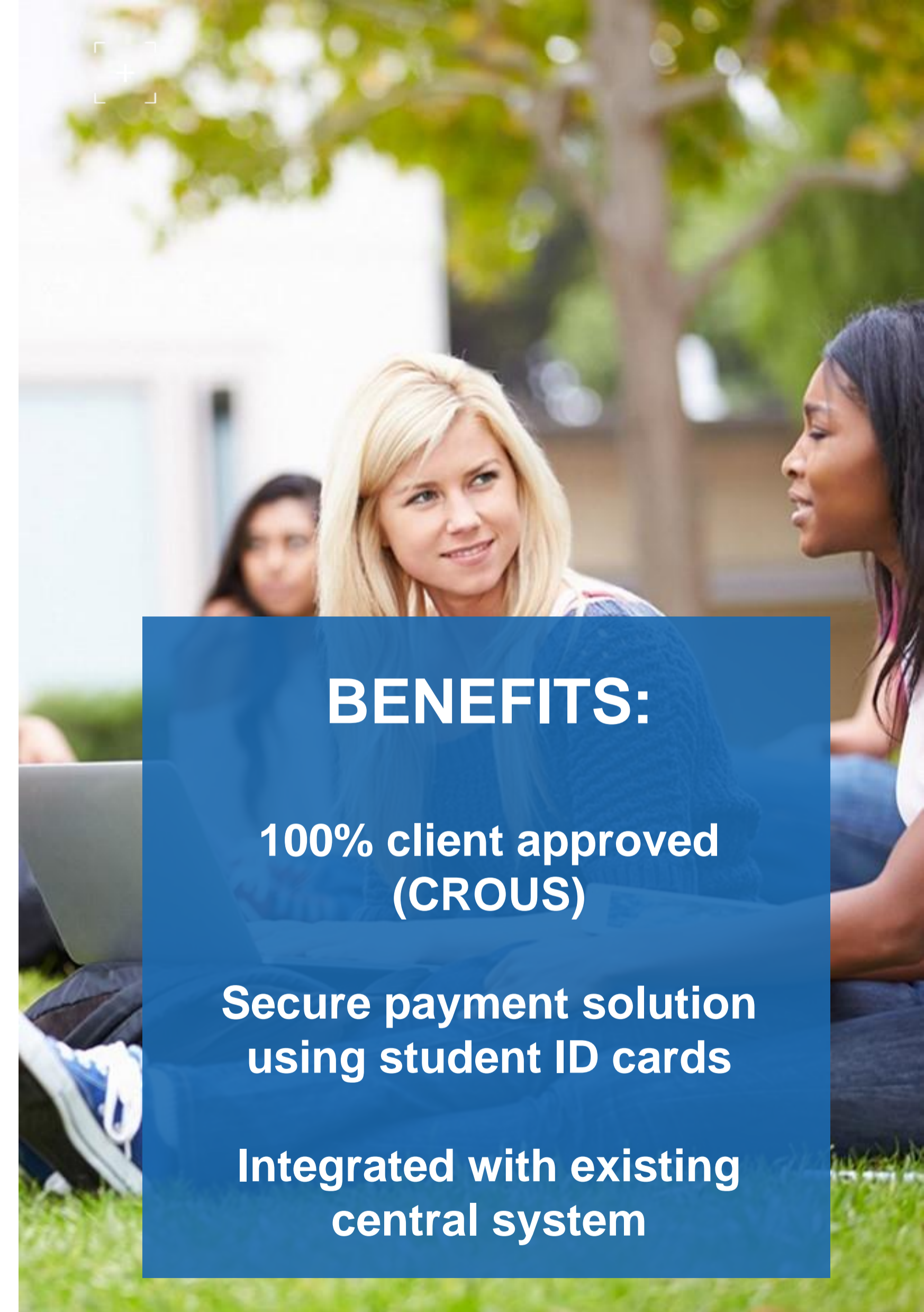
- Architect® RFID readers interfaced with payment, banking and cash withdrawal systems
- Centralized solution hosted on client servers

BENEFITS:

100% client approved
(CROUS)

Secure payment solution
using student ID cards

Integrated with existing
central system



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STid, Quite Simply

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