





CORE[®] ARCHITECT



JULY 25



THE CORE® OFFERS



CORE^{START}



PLUG & PLAY SECURITY, ZERO COMPLEXITY.

- Ready-to-use, pre-configured readers – No software installation required.
- Expertly pre-encoded credentials – Instant security with zero technical effort.
- Immediate access to STid Mobile ID® – Seamless integration of virtual credentials.

CORE⁺



FULL CONTROL, MAXIMUM CUSTOMIZATION.

- Create your own security keys – Full independence over encryption and credentials.
- Customize your readers – LED colors, biometrics, QR Code integration.
- Unlock advanced STid Mobile ID® virtual card features – Slide mode, Tap Tap, and more.

CORE^{PRO}



WE DO IT FOR YOU, 100% TURNKEY.

- STid handles all configurations – Readers, credentials, and security keys.
- Expertly encoded and pre-configured – No need to manage anything.
- A fully optimized and managed solution – Maximum security with minimal effort.

CORESTART

Plug & Play Security, Zero Complexity



SECURITY MADE SIMPLE...

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STEP INTO SMARTER, STRONGER ACCESS CONTROL — WITHOUT THE COMPLEXITY.

Upgrade to High-Security Access Control

- High-level security is essential in today's world.
- But too often, complexity gets in the way.

Simplify Mobile Credentials

- Demand for mobile access is booming.
- Yet deployment, distribution, and user onboarding remain challenging.

Stay Open, Stay Free

- Scalability and open architecture protect your investment.
- Say goodbye to vendor lock-in and proprietary limitations.

READY-TO-CONNECT READERS

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MULTI-PROTOCOL

Factory-configured with Wiegand 26-bit or OSDPTM (RAW data format)

MULTI-TECHNOLOGY

- MIFARE® DESFire® EV3
- STid Mobile ID® virtual cards

CAPACITIVE KEYPAD

- Card or PIN Code
- 4-bit keypad output format

SCRAMBLE PAD

Randomized keypad layout

USER INTERACTION

- LED feedback: Blue (standby), Green (successful identification)
- Buzzer

HIGHLY RESISTANT

- Indoor & Outdoor use
- Humidity- and corrosion-resistant tropicalized electronic board
- Up to IK10-certified* for high impact resistance (vandal-proof)
- UL294 Outdoor Certified

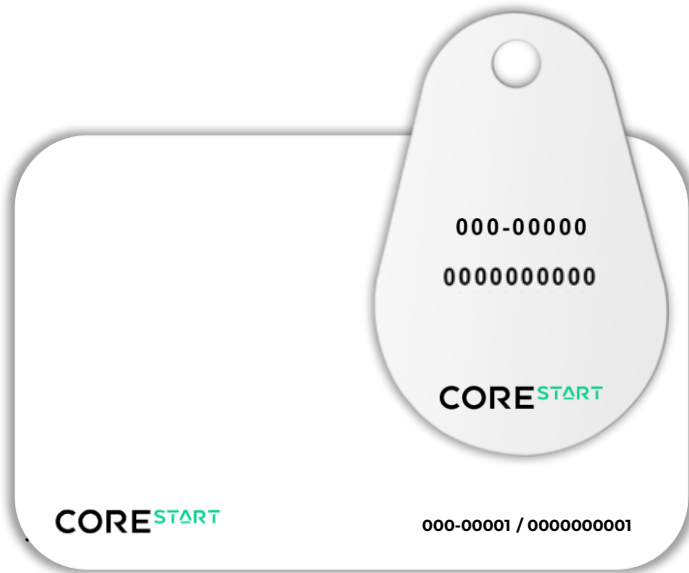
HYBRID VERSIONS FOR MIGRATION

Support for legacy 125 kHz credentials: HID® Prox, AWID, EM



*IK10 for mullion and standard readers, IK08 for keypad reader

READY-TO-DISTRIBUTE RFID CREDENTIALS



MIFARE® DESFIRE® EV3 2K CREDENTIALS

- **2 Form Factors** – ISO card or key fob
- **Factory Encoded and Numbered** – Unique ID per credential
- **Supported Data Format** – Wiegand 26 & 37 bits
- **Printed Numbers** – Easy manual ID enrollment
- **Customizable and Re-Encodable** – Flexible and future-proof

ADVANCED SECURITY FEATURES

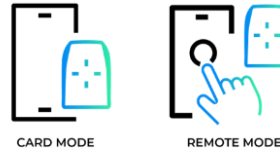
- **Key Diversification** – Each card is protected with a unique AES encryption key
- **Proximity Check** – Prevents relay attacks by verifying user presence
- **Secure Messaging** – Protects against data interception during transmission

READY-TO-DISTRIBUTE VIRTUAL CARDS



STID MOBILE ID[®] VIRTUAL CARDS

- **Supported Data Format** – Wiegand 26 & 37 bits
- **2 Identification Modes** – Prox or long-range



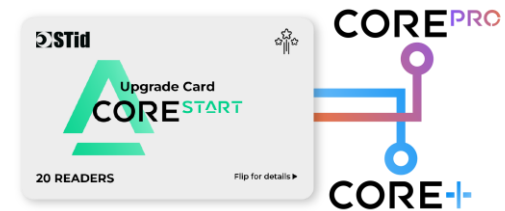
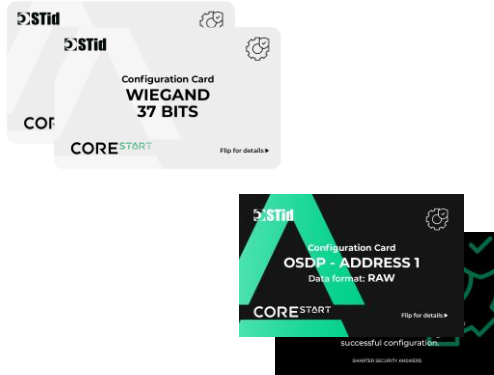
- **Highly Secure** – Same Security Levels as DESFire[®] EV3

SIMPLE TO SELL. SIMPLE TO DISTRIBUTE. SIMPLE TO USE.

- **QR Code Download** – Secure, one-time delivery.
- **Anonymous Virtual Cards** – No email required making adoption easier on personal smartphones.
- **No Infrastructure Needed** – No account, platform, or server required to issue virtual cards.

EASY-TO-USE SMART TOOLS

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PROTOCOL CONFIGURATION KITS

Adapt your reader protocol to your access control system:

- Wiegand 26 & 37 bits
- OSDP™ RAW 5 bytes – Address 0 to 4
- Specific configuration kits for hybrid readers

USB ENROLLER

- Allows easy ID enrollment
- 2 versions: AZERTY & QWERTY keyboards
- Includes configuration cards for Wiegand 26 bits and 37 bits formats

READER UPGRADE CARD

- Allows migration to CORE Plus offer to access to additional features: QR Code, biometrics, other technologies...
- Each card upgrades 20 readers

THE KEY BENEFITS



EASY ADOPTION & USE

- No software, no portal, no headaches.
- Plug & Play readers and ready-to-distribute credentials for immediate deployment.



MOBILE-READY BY DESIGN

- Instantly compatible with STid Mobile ID®.
- No need for managing user accounts and virtual card distribution via email.



HIGH-SECURITY STANDARDS

- Support for DESFire® EV3 with advanced security: AES encryption, diversification, Secure Messaging EV2, and Proximity Check.
- Eliminates the risks of proprietary lock-in.



ZERO LEARNING CURVE

- Easy to sell, easy to install and easy to use.
- Ideal for quick rollouts across multiple sites with minimal technical effort.



SCALABLE & FUTURE-PROOF

- Easy upgrade path to other CORE offers.
- Smooth transition from physical to virtual credentials.
- Re-encodable cards & key fobs.

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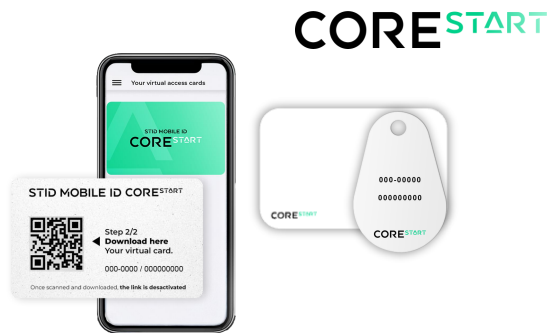
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CORE **START**

THE ORDER GUIDE



STEP 1: THE CREDENTIALS



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Model	MOQ	P/N
Pre-encoded MIFARE® DESFire® EV3 2K ISO Card	200	CCTW870 PC3 _AW
Pre-encoded MIFARE® DESFire® EV3 2K Key Fob	250	PCIW877 PC3 _AW
Anonymous STid Mobile ID® virtual card ready to be downloaded via QR Code	200	VCARD- PC3 _AW

CREDENTIALS



READERS



TOOLS



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STEP 2: THE READERS



Model		Protocol	P/N
Mullion		Wiegand 26 bits OSDP™ RAW	ARC1SR31B PC33 I1 ARC1SW33B PC37 OS1
Standard		Wiegand 26 bits OSDP™ RAW	ARCSR31A PC33 I1 ARCSW33A PC37 OS1
Keypad		Wiegand 26 bits OSDP™ RAW	ARCSR31B PC33 I1 ARCSW33B PC37 OS1
TouchScreen		Wiegand 26 bits OSDP™ RAW	ARCSR31C PC33 I1 ARCSW33C PC37 OS1
Hybrid Standard + 125 kHz		Wiegand 26 bits OSDP™ RAW	ARCSRX1IM PC33 I1 ARCSWX3IM PC37 OS1
Hybrid Keypad + 125 kHz		Wiegand 26 bits OSDP™ RAW	ARCSRX1JM PC33 I1 ARCSWX3JM PC37 OS1
Hybrid TouchScreen + 125 kHz		Wiegand 26 bits OSDP™ RAW	ARCSRX1KM PC33 I1 ARCSWX3KM PC37 OS1

CREDENTIALS



READERS



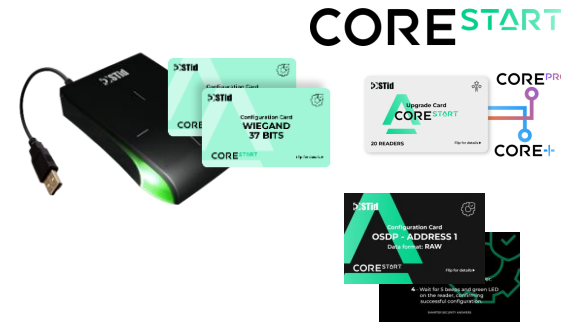
TOOLS



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STEP 3: THE TOOLS



Tools for all the readers	Version	P/N
USB enroller	AZERTY	ARCSR35H PC35 AB1
	QWERTY	ARCSR35H PC35 AQ1
Reader upgrade card for 20 readers	-	UP20-CARD- PC3

Tools for standard readers (<u>no 125 kHz</u>)		Version	P/N
	OSDP™ configuration card kit 5 cards – Address 0 to 4	RAW 5 bytes data format	KIT-BC- PC3 -O
	Wiegand configuration card kit 2 cards – W26 & 37 bits	-	KIT-BC- PC3 -W

Tools for hybrid readers (<u>with 125 kHz</u>)		Version	P/N
	OSDP™ configuration card kit 5 cards – Address 0 to 4	RAW 5 bytes data format	KIT-BC- PC3-LF -O
	Wiegand configuration card kit 2 cards – W26 & 37 bits	-	KIT-BC- PC3-LF -W

CREDENTIALS



READERS



TOOLS



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THANK YOU

