



SystemHouse Solutions

SMARTER BUILDINGS, BETTER SECURITY

# GLOBAL PRODUCT CATALOG

**EXRead**

OSDP™ VERIFIED NFC RFID ENTERPRISE READER SERIES

**Check In**

UNIVERSAL VISITOR MANAGEMENT SYSTEM

**Pass Gate**

APP-FREE NFC MOBILE NATIVE WALLET CREDENTIALS

# Empowering Security Through Innovation and Trust



## How We Work - and Why it Matters

At SystemHouse Solutions, we build trust through knowledge, precision, and long-term partnerships. Our values guide everything we do – from product development to daily collaboration with our customers and partners.

### Our values - What defines us

#### Professionalism

We combine deep industry expertise with precision and accountability. Professionalism for us means acting with integrity – delivering solutions of the highest quality, being transparent in our communication, and taking responsibility from design to delivery.

#### Reliability

Our customers trust us where security and uptime are critical. Reliability means consistency – in our technology, our processes, and our commitments. We deliver stable solutions and long-term partnerships that you can depend on.

#### Respect

We believe in building security through respect – for people, their work, and the environments we protect. Respect defines how we collaborate, listen, and create value together with our partners and customers.

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# CORPORATE HIGHLIGHTS



## Smarter Security Starts Here

SystemHouse Solutions is a Swedish leader in advanced security and access control solutions. Since 1999, we've earned a reputation for professionalism, reliability, and innovation.

Our hardware and software products are developed in-house and manufactured within the EU, giving us complete control over quality, customization, and integration— free from vendor lock-ins.

We deliver solutions that meet the stringent requirements of critical infrastructure, government agencies, and corporate environments. With deep industry expertise and a forward-thinking approach, we provide robust, scalable systems that are easy to use and maintain.

From consultation and design to implementation and ongoing support, our end-to-end capabilities ensure seamless security. Through continuous innovation, strong partnerships, and long-term customer relationships, we remain a trusted choice for organizations that demand the highest standards of security and service.

## SystemHouse Solutions - Where Security Meets Possibility

### Expertise You Can Trust

Over 25 years of proven experience delivering advanced access control and security solutions for critical environments across markets.

### Complete, Connected Solutions

From hardware to software, mobile credentials, and visitor management, we provide fully integrated systems designed to work seamlessly together.

### Future-Ready Security

Scalable, mobile-ready platforms built to adapt to tomorrow's compliance and security challenges—keeping you ahead of the curve.

# LASTING VALUE. LASTING BENEFITS.



## Operational Freedom - No Limits - No Lock-Ins

Our portfolio is designed to give you flexibility without vendor lock-ins. Whether you need advanced access readers, native wallet mobile credentials, or visitor management, SystemHouse Solutions integrates seamlessly with existing systems and scales for future needs.

From secure entry points to visitor flows and mobile access, we deliver solutions that work together. EXRead readers, Check In visitor system, and PassGate mobile credentials combine to create a unified, secure, and user-friendly experience.

## Beyond Access: A Connected Security Experience

Access control today is about more than opening doors—it's about delivering a seamless, secure experience. SystemHouse Solutions brings it all together with EXRead for advanced, future-ready readers, Check In for effortless visitor management and compliance, and PassGate for an app-free mobile experience. Together, these solutions work in harmony to create synergy that multiplies value like  $1+1=3$ . They simplify operations, strengthen security, and enhance user convenience across every touchpoint.

## Future proof your investment

Access control is a long-term commitment, often spanning more than a decade. Choosing the right technology today means avoiding costly replacements tomorrow. EXRead readers are designed to evolve with your needs—supporting multiple card technologies, mobile credentials, and encrypted OSDP™ communication. Features like dual memory banks make firmware updates simple and secure, ensuring your system stays compliant and competitive without hardware changes. With EXRead, you invest in flexibility, scalability, and peace of mind.

## Certified. Proven. Trusted.

We don't just manufacture in the EU—we design and develop all hardware and software in-house, giving us complete control over quality, security, and integration. This ensures solutions that meet the most stringent compliance standards without compromise.

Check In delivers multilingual onboarding and full traceability for regulated environments, helping organizations comply with frameworks like NIS2.

PassGate provides an app-free mobile experience with Apple Wallet, reducing complexity and enhancing convenience for every user.

When you choose SystemHouse Solutions, you choose technology that is tested, certified, and trusted by critical infrastructure and leading enterprises across markets and demanding verticals such as hospitals, universities, custody/prisons, logistics hubs, and commercial estates.



### Click-On Design

Click-On Design means faster, cleaner installs with fewer callbacks. No drilling, patching, or pigtailed—just snap on for a flush fit. Safer work, flexible mounting, and easy upgrades save time and effort across every project.



### Dual Memory Banks

Seamless access control upgrades and configurations! Update one, selected, or all readers centrally via OSDP file transfer. No downtime, no restricted access, no guards – employees and visitors remain unaffected.



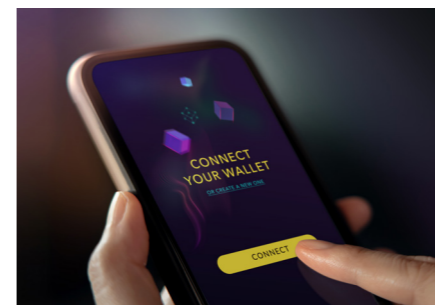
### No Card Left Behind

EXRead reads multiple card systems—past, present, and future—simultaneously. Perfect for shared spaces and visitors, enabling smooth upgrades without disruption and delivering ultimate flexibility.



### Access Link

When you want to hook up any device not supporting RS485 to your access control system – AccessLink 7.1 multi-use cable, enroll, encode, configure, connect and more.



### PassGate

PassGate delivers app-free NFC mobile credentials straight to native phone wallets for secure, vendor-independent access. Compatible with EXRead™ and other RFID/NFC readers. Easy cloud portal or API integration, SDK also available.

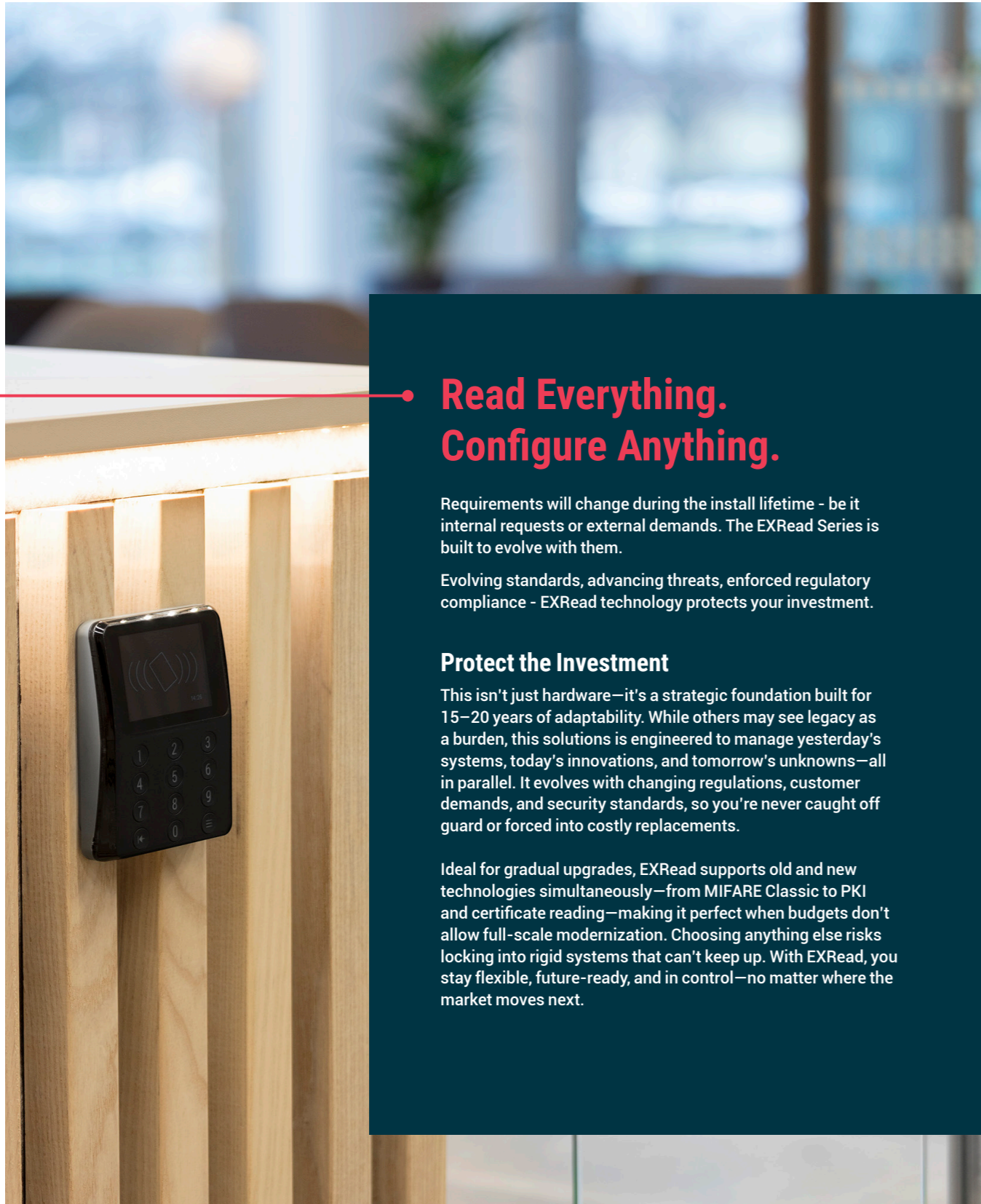


### Check Out Check In

Any Visitor. Any Language. Any Reception. A cloud based visitor management system that handles all people flows, all languages, un-attended or attended receptions, inside or outside and central remote management of multi-site companies.

# EXRead

OSDP™ Verified Card Readers



- **Read Everything.  
Configure Anything.**

Requirements will change during the install lifetime - be it internal requests or external demands. The EXRead Series is built to evolve with them.

Evolving standards, advancing threats, enforced regulatory compliance - EXRead technology protects your investment.

### Protect the Investment

This isn't just hardware—it's a strategic foundation built for 15–20 years of adaptability. While others may see legacy as a burden, this solution is engineered to manage yesterday's systems, today's innovations, and tomorrow's unknowns—all in parallel. It evolves with changing regulations, customer demands, and security standards, so you're never caught off guard or forced into costly replacements.

Ideal for gradual upgrades, EXRead supports old and new technologies simultaneously—from MIFARE Classic to PKI and certificate reading—making it perfect when budgets don't allow full-scale modernization. Choosing anything else risks locking into rigid systems that can't keep up. With EXRead, you stay flexible, future-ready, and in control—no matter where the market moves next.

## The Power of EXRead

The EXRead Series is built on a shared foundation of enterprise-grade security, seamless configurability, and robust performance. All three readers are designed for different needs but share the same technical, security, and reading configuration capabilities. Every model is OSDP™ Verified, mobile-ready, and equipped with Secure Channel encryption. They support multiple card technologies in parallel, offer vandal and weather protection (IP65/IK10), and are fully compatible with the EXRead Configuration Tool for easy setup and updates.

### EXRead Display – Communication at the point of entry

For entrances where messaging matters—like meeting rooms, secure zones or reception areas—EXRead Display adds a visual layer to access control. The 2.8" color screen can show logos, instructions, status messages, and even animated, guiding infographics, while the configurable keypad and ambient sensors ensure a smooth and responsive user experience.

Can display up to 8 custom text menu functions like alarms or lights, and sends fully customisable data to the ACU—ensuring universal compatibility and complete flexibility for any integration.



### EXRead Mini – Smart access in tight spaces

In environments where space is limited—like lockers, printers, server racks or speed gates—EXRead Mini delivers the same powerful features as its siblings, packed into a format no larger than a credit card. It's the perfect choice for installations that demand discretion without compromising on security or performance.



### EXRead Slim – Compact design for narrow spaces

Perfect for door frames or narrow installations, EXRead Slim combines a discreet profile with the same powerful features as the EXRead Family. Its tactile keypad makes it ideal for environments where PIN verification is essential—such as gyms and sports facilities. Engineered for sustainability, it draws as little as 17 mA, supporting SystemHouse Solutions' commitment to energy-efficient, environmentally friendly access control.





## Intelligent Access - On Display

The EXRead Display Reader is more than just a tool for access control – it's a communication interface that enhances user experience, strengthens your brand, and simplifies everyday interactions.

With its dynamic display capabilities and tactile function keys, it transforms how people engage with your facility, offering intuitive options for PIN entry or quick actions alongside animated, guiding infographics.

### Intuitive Guidance for Visitors

First impressions matter. The EXRead Display Reader helps visitors navigate access points with ease. A blinking indicator shows where to place the card, while clear visual symbols and animated infographics confirm access instantly. A welcome message or company logo can personalize the experience and create a professional atmosphere. Beyond access, up to eight configurable menu keys let users control features like lights, alarms, or blinds—removing the need for extra wall devices. All settings can be configured via card or directly from the access control system for maximum flexibility.

### Enhanced Control and Convenience

Access control is not just about entry – it's about managing flow and functionality. The EXRead Display Reader provides visual feedback for key actions, such as unlocking doors or activating systems. Animated infographics and intuitive icons guide users for smooth interactions. Up to eight configurable function keys can control features like lights, alarms, or blinds—all from one device. Menu options can be tailored to any data format for full system compatibility, and settings are easily configured via card or directly from the access control unit. The result: flexibility, convenience, and a better user experience throughout the building.

### Your Brand, Front and Center

Why let generic hardware dominate your walls when you can use every reader as a brand touchpoint? The display reader allows you to showcase your organization's identity – from logos and university emblems to custom graphics and messages. It becomes a subtle but powerful way to reinforce your values and culture throughout the facility. Instead of promoting someone else's brand, you're constantly communicating your own.



## Small in Size. Big in Performance.

The EXRead Mini is proof that great things come in small packages. Roughly the size of a credit card, this ultra-compact NFC RFID reader is designed to fit where others can't – without compromising on performance, security or durability.

Whether installed in speed gates, narrow mullions, lockers or printers, it delivers the same enterprise-level access control as its card reader siblings, but in a sleek and minimal form.



### Compact Design, Full Capability

Don't let its size fool you. The OSDP™ Verified Mini is packed with advanced features, including transparent mode, PKI reading, end-to-end encryption, and support for both modern and legacy RFID technologies. It's mobile-ready, NFC wallet compatible, and built to withstand tough environments with IP65 weather protection and IK10 vandal resistance. The internal buzzer and RGB LED stripe provide clear feedback, making it as intuitive as it is secure.

### A Perfect Fit for Tight Spaces

The Mini's slim profile makes it ideal for installations where space is limited but expectations are high. Speed gates, turnstiles, and compact entry points benefit from its unobtrusive design, while still offering the same high-level functionality as larger readers. It's a smart solution for modern buildings that demand both aesthetics and performance.

### Security in Your Hands

Despite its small footprint, the EXRead Mini offers full control to system owners. With the EXRead Configuration Tool™, encryption keys can be securely managed without sharing them with third parties. The tool also provides operational freedom to define security levels and functions per reader or door. This ensures maximum protection and flexibility, whether you're upgrading an existing system or deploying a new one.

# EXRead Slim

## Designed to fit. Built to perform.

EXRead Slim is the perfect solution for narrow spaces. With a width of just 45.6 mm, it's designed to fit seamlessly on door frames, trims, and mullions—places where traditional readers simply won't go. Its discreet form factor makes it ideal for modern environments where aesthetics and functionality go hand in hand.

EXRead Slim fits excellent in exposed areas with heavy use - constructed with maximum impact protection, IK10 supported by ingress protection level IP65.



### Compact Yet Complete

EXRead Slim combines a compact form factor with the full capabilities of the EXRead Family. It supports multiple card technologies, encrypted OSDP™ Secure Channel communication, and advanced security features. In addition, it offers a tactile keypad with 12 illuminated buttons, RGB LED indicators, adjustable sound feedback, and a range of mounting accessories—including angled brackets for accessibility compliance.

### Ready for Mobile, Built for Durability

EXRead Slim is mobile native wallet-ready and built to withstand tough conditions. With IP65-rated protection against dust and water, and IK10-certified impact resistance—the highest level on the impact protection scale—it's engineered for both indoor and outdoor use. And with an ultra-low power consumption of just 17 mA, it's our most energy-efficient reader to date.

### Seamless installation, future-proof design

Thanks to its Click-on mounting system and dual memory banks for un-interrupted upgrades, firmware or configuration changes, EXRead Slim is easy to install and update. Whether you're upgrading an existing system or deploying new access points, it's designed to make your job easier—today and tomorrow.



# Accessories

## Smart accessories for every installation

Every installation is unique. That's why we offer a complete lineup of accessories for the EXRead Series—designed to meet the demands of real-world environments. Whether you're mounting on metal, protecting against accidental impact and even vandalism, or ensuring accessibility, our accessories help you get the job done right.

### Vandal protection in high-risk environments

In demanding environments like logistics centers or hospital elevators—where carts, beds, and heavy equipment can collide with wall-mounted devices—readers need extra protection. Our vandal-resistant covers absorb and deflect impact from all directions, shielding the reader without compromising usability. Available with or without display protection, these covers extend the life of your installation and maintain system integrity. And in public spaces, they add an extra layer of defense against tampering or vandalism.



### Accessibility at lower mounting heights

For entrances requiring inclusive access, angled mounting brackets (15° or 30°) make it easier for all users to interact with the reader. Whether installed at wheelchair height or in tight spaces, the angled design improves visibility and ergonomics—ensuring compliance without sacrificing style. These brackets are especially valuable in environments where people with reduced mobility need reliable and comfortable access to secure areas.



### Weather protection for outdoor use

When installed outdoors or in humid indoor environments, EXRead readers benefit from our weather hoods. Choose between transparent plexiglass or robust aluminum to shield the reader from rain, snow and potential roof debris. These weather hoods preserve performance and appearance, even in the toughest conditions.



### Designed to support your vision

From mounting frames for uneven surfaces to specialized brackets and covers, our accessories are built to simplify installation and enhance durability. Our accessory lineup is designed and developed from insights gained through more than 3,000 system installations across diverse markets and environments.

## Access Link

### Two Modes. Total Flexibility.

**Serial Mode** – Converts USB to RS-485, enabling seamless configuration of readers, card encoding, and integration with external USB devices like printers or terminals.

**Enroll Mode** – Emulates a keyboard, allowing card data to be entered automatically wherever the cursor is placed—perfect for enrollment stations or third-party systems.

## The easiest way to expand your access system

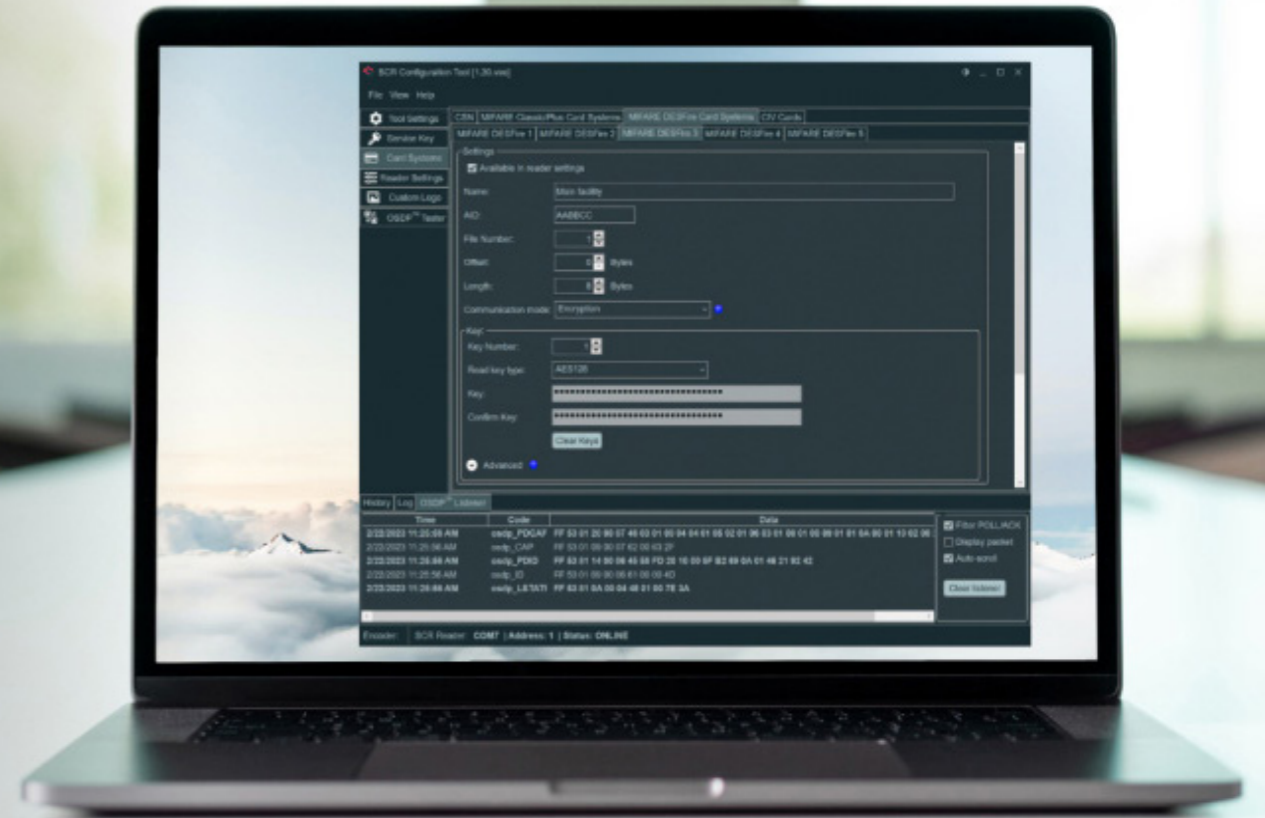
### One cable - Unlimited possibilities

AccessLink 7.1 is a smart, multi-use chip-powered cable designed to bridge the gap between your access control system and the devices around it. Whether you're connecting a printer, vending machine or any other peripheral without RS-485 support, AccessLink makes it possible—quickly, securely and without hassle. It's the kind of tool that turns complex integrations into plug-and-play simplicity.

### Effortless Enrollment and Power in One Cable

With built-in enroll mode, reception staff can easily add new users or replace cards directly into the system using an EXRead reader and the cable—no extra hardware required. AccessLink also includes USB 5V to 12V conversion for a PC-direct reader connection, making installation effortless and truly all-in-one.

## Configuration Tool



## Read Everything. Configure Anything.

### Configure your way

The EXRead Configuration Tool™ gives system owners and installers full control over every reader in the EXRead Series. It's a standalone software that runs entirely offline, allowing you to configure, update, and secure your access control system without relying on cloud services or external networks. Whether you're deploying a single reader or managing a large-scale installation, the intuitive interface and built-in ACU simulation mode make setup and testing efficient and reliable.

Push updates to all readers at once via file transfer, or update reader by reader using configuration cards. You can even create your own config cards from any DESFire card—no proprietary cards required—making the solution truly open. Alternatively, connect directly via laptop for hands-on configuration. The tool adapts to your workflow, whether you're working on-site or preparing installations in advance.

### Security built in – not bolted on

Forget about sending encryption keys via email or relying on third-party configuration. With the EXRead Configuration Tool, encryption keys stay with the system owner. You can lock down configuration files, define access levels, and protect each installation with unique AES-encrypted keys. It's security by design—giving you peace of mind and full ownership.

### One license. Lifetime value.

The Configuration Tool is available in Standard (free) and Professional versions—all with lifetime licenses for your whole organization. Whether you need basic setup or advanced enterprise features, you'll never pay recurring fees. And upgrades are available when you need them—on your terms.

# EXRead Configuration Tool™ PC Software - Flexibility of True Open

Every EXRead card reader can be tailored to your exact requirements – from communication settings and security options to user experience features.



## Set Up

Configure with direct PC connection, using configuration card, or remotely to one, selected, or all readers via ACU file transfer. Create configuration cards directly using any empty DESFire card. Choose your preferred communication speed, address and more.

## Reading Data Output

Slice and dice the data output as needed to support new and/or legacy ACUs. Included but not limited to, Byte and Bit order, Length, Offset, Prefix, Suffix, Hex-ASCII and more.

## Upgrade & Diagnostics

Firmware upgrade with hotswap options using dual memory banks for un-interrupted people-flow upgrades via file transfer option or direct connection. Advanced diagnostics with event log history and export option. Factory reset option including a software ACU simulator for convenient and quick configuration confirmation.

## Security

Protect and restrict project configuration files, set specific configuration key to avoid un-authorized use of configuration cards, set demand for optional power cycle prior changes. Secure channel and encrypted communication, set to enforce secure messaging if needed, physical tamper protection (open and remove) as well as erasing keys upon tamper.

## User Experience

Control keypad lights, ambient light sensor, multicolor RGB LED and intensity settings. Set the Buzzer to on/off with volume intensity option. Proximity sensor to trigger the display messages or when to enter power saving idle mode. Animated infographics or upload your preferred texts, logos or pictures. Up to 8 custom function key texts and configurable data output to ACU.

## Card Systems

The power of parallel and concurrent reading of multiple card systems provides the best route for gradual upgrades, multi-tenant entrances and security requirements for different areas. Read MIFARE® legacy, DESFire® EV3 with key diversification and option for custom SALT, EMV®, ECP, PK-PACS with certificate option, Transparent Mode and more.

## And even more...

Development is always ongoing and readers are about to be upgradable to DUOX with AES256 as well as asymmetric keys, PKOC reading, CIV/PKI and Aliro protocol support. Added relay attack protection, setting SCBK from the PC, using reader as enrolment reader, offline updater, encode access cards and much more.



## A Red Carpet Experience

### Smart visitor management for every entrance

Check In is a modern, all languages visitor system that simplifies how organizations welcome and manage guests—whether it's at a staffed reception, a logistics terminal or an unmanned industrial gate.

With intuitive self-service check-in, language selection, and built-in compliance features, Check In ensures that every visitor is onboarded correctly, securely and efficiently.

Check In is designed to handle everything from office guests to international truck drivers, making it a powerful tool for both everyday convenience and regulatory control.

## Check In

Universal Visitor Management System

### Any Visitor - Any Reception - Any Language

From staffed receptions to unmanned industrial gates, Check In delivers a seamless all-languages experience where every visitor is registered and logged correctly. With built-in GDPR compliance, clear communication, and full support for global operations, e.g. like centrally managed multi-site environments, Check In simplifies everyday visitor management for organizations of all sizes – every day, everywhere.

### From reception to regulation

Check In is a visitor management system designed to work just as well in a small staffed lobby to unattended access points. Whether you're welcoming office guests or managing contractors, drivers and crews, Check In ensures that every visitor is onboarded, verified and traceable—without manual paperwork or language barriers. It's a flexible solution that scales from simple reception flows to high-security environments, making it a valuable tool for both service and compliance.

### Clarity at the gate with an all-languages onboarding

Visitors select their language, complete custom site-specific safety questions, and receive time-limited credentials—all via a self-service kiosk. This is especially valuable in high-volume environments like logistics centers, where drivers of many nationalities arrive under time pressure. With Check In, everyone gets the same clear instructions—on screen, in their own language.

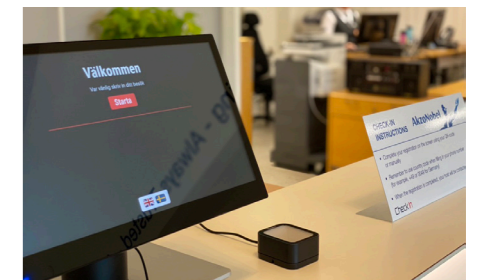
### Designed for compliance

Check In helps organizations meet the demands of regulations like NIS2. Every step is logged: who entered, when, where, and under what conditions. Access zones are pre-assigned, time-bound qr-codes, and antipassback ensures traceability. No extra cards, no manual steps—just secure, structured visitor flows that work 24/7.

Beyond compliance, Check In delivers complete visitor management like automated evacuation lists for safety, support for pre-booking and group bookings, and built-in IP telephony to speak with guests before approving entrance. SMS notifications keep everyone informed in real time.

### Real-world ready

From unmanned gates to multilingual safety briefings, Check In is built for the realities of any operation - no matter how small or big the premises are. It replaces paper forms, reduces staffing needs, and gives security teams full visibility—without stepping outside. Because in environments where access is critical, visitor systems must be more than convenient. They must be part of the infrastructure.



# PassGate

App-free NFC Native Wallet Mobile Credentials



## PassGate - Open Doors To The Future

PassGate turns your smartphone into a secure digital key. Credentials are delivered directly to the phone's native wallet, giving users instant, contactless access to doors or gates with a simple tap.

By replacing physical cards and manual handling with a seamless digital process, PassGate enhances both convenience and security while reducing administration and plastic waste.

### Key Benefits

**No app – just tap** – Access through your mobile wallet for a truly native user experience.

**Frictionless onboarding** – Credentials are distributed securely via digital invitations.

**Built-in security** – Strong authentication and encrypted credential storage protect your data.

**Easy integration** – Connects with existing access control systems via API - optional cloud platform available

**Scalable & sustainable** – Easy to deploy across multiple sites with no plastic cards to manage.

## Your Access, Your Way

Our mobile credential solution offers flexible permission levels to match your organization's needs – from standard keys to fully customized designs. Choose the level that fits your business and unlock additional options such as bulk and stacked volumes for large deployments, and per-activation pricing for maximum cost efficiency. With these choices, you can scale securely and sustainably while maintaining full control over access.

### Unmatched Convenience - For All

#### For the Facility

**Remote issuing** – create and assign credentials digitally, no printers or physical infrastructure required.

**No card production** – save time, costs, and administrative effort.

**Centralized management** – everything handled securely from one place, without local resources.

#### For the End User

**No app installation** – works instantly on their personal phone.

**No training needed** – the same simple process everyone already uses for mobile payments.

**Immediate access** – credentials activate instantly and are ready to use.



## Value Across the Entire Access Ecosystem




Products from SystemHouse Solutions delivers value to every link in the security value chain – from installers and system partners to building owners and end-users. Our integrated solutions combine smarter technology, reliable performance and adaptive design to create safer, more efficient buildings.

Stakeholder	What's in it for me?	How EXRead adds value	Why it matters
Installer/Partner	Faster projects, Fewer support calls Full flexibility	<ul style="list-style-type: none"> <li>• Open technology – supports multiple card formats and controller brands</li> <li>• Plug-and-play installation with standard interfaces and click-on design.</li> <li>• Configurable LEDs and buzzer for site adaptation</li> <li>• One reader platform for all environments</li> <li>• Easy firmware updates and future feature expansion</li> </ul>	<ul style="list-style-type: none"> <li>• Saves time and training cost</li> <li>• Reduces inventory (one reader for many applications)</li> <li>• Minimizes risk of compatibility issues</li> <li>• Builds installer reputation for quality and reliability</li> </ul>
Building Owner / Operator	Long-term flexibility Lower lifecycle cost Design consistency	<ul style="list-style-type: none"> <li>• Vendor-neutral – works with different system suppliers</li> <li>• Future-proof with support for MIFARE, DESFire EV3, NFC mobile credentials (DUOX and PKI)</li> <li>• Durable design, IP65-rated and three-ways tamper-protection</li> <li>• Modern aesthetics – uniform look across facilities</li> <li>• Low power consumption and sustainable materials</li> <li>• Proven reliability in demanding environments (hospitals, logistics, custody/prisons, universities)</li> </ul>	<ul style="list-style-type: none"> <li>• Protects investment and ensures upgradeability</li> <li>• Reduces total cost of ownership</li> <li>• Ensures architectural harmony and brand consistency</li> <li>• Aligns with sustainability and ESG goals</li> </ul>
End-User / Visitor	Safe, smooth, and intuitive access experience	<ul style="list-style-type: none"> <li>• Fast, reliable card read – even through glass or protective covers</li> <li>• Clear visual, haptic and acoustic feedback</li> <li>• Contactless and hygienic interaction</li> <li>• Consistent experience across multiple sites</li> <li>• Elegant Scandinavian design with attention to user interface details</li> <li>• Optional mobile access for modern workplaces</li> </ul>	<ul style="list-style-type: none"> <li>• Enhances user confidence and comfort</li> <li>• Reduces friction in daily routines</li> <li>• Promotes positive brand perception</li> <li>• Encourages safe behaviour and compliance</li> </ul>



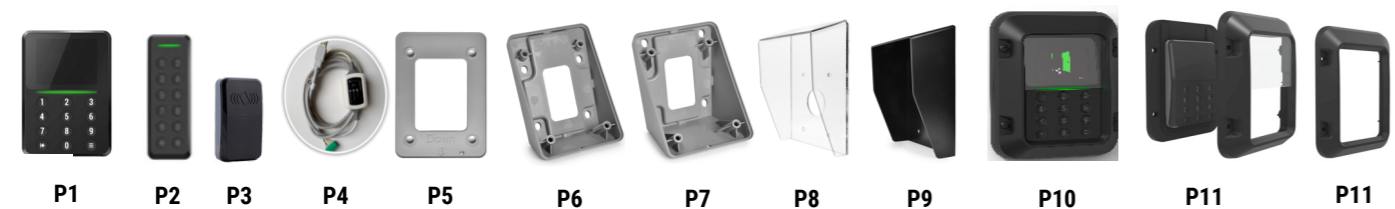
# EXRead - Technical Specification



			
STANDARD	NFC RFID 13,56 MHz RS485, OSDP™. Optimised for reading NXP MIFARE® smartcards and ISO 14443A, Mobile ISO 7816-4, ECP		
PRODUCT LINE	MULTIREADER MINI	MULTIREADER SLIM	MULTIREADER DISPLAY
MODEL	SCR-S G2	SCR-SKS G2	SCR-SD G2
ARTICLE NO.	44280390	44280385	44280380
CARD SYSTEMS READING	UID/CSN- Individually configurable per cardtype, MIFARE® Classic / Plus (5 in parallel), MIFARE DESFire® EV1,2,3 (5 in parallel), ID06 Certificate, Valtti Certificate, Custom uploadable CIV/PKI Certificate, MIFARE DUOX®, EMV®, ECP Certified		
COMMUNICATION	OSDP™ Verified, RS485, Secure Channel, Secure Messaging		
TAMPER PROTECTION	Tamper detection – IEC 60839 Grade 4, If opened, If de-mounted, Erasing Keys Upon Tamper		
IMPACT AND INGRESS PROTECTION	IK10, IP65	IK10, IP65	IK09, IP54
HARDWARE	Proximity sensor, Ambient light sensor, Configurable RGB LED, Dual memory banks – uninterrupted upgrades.		
CONFIGURATION & FIRMWARE	Configuration and Firmware by direct connection or Filetransfer via ACU, Configuration via any empty DESFire card		
KEYPAD		Lit tactile keypad – works with gloves.	Lit tactile keypad – works with gloves. Navigation pad. Up to 8 custom menu texts with custom card data output.
DISPLAY			2,8" TFT non-burn in color screen, resolution 240x320 for animated or static infographics, text support UTF 8 / ISO 8859-1
BUZZER	Configurable off / on / intensity		
INSTALLATION	Click-on design, no pigtail, protection against incorrect wiring. Mounting with pre-marked holes for different installation boxes. Custom opening tool – included with each reader.		
READING DISTANCE	Up to 50 mm		
OPERATING VOLTAGE	11-30 VDC		
POWER, TYPICAL/MAX	20 mA / 45 mA (24V)	17 mA / 21 mA (24V)	25 mA / 135 mA (24V)
OPERATING TEMP.	-25° to +70° C		-40° to +70° C
NET DIMENSIONS (L/W/H)	76,5 / 45 / 20 mm	131,6 / 45,6 / 21,5 mm	123,5 / 88 / 20 mm
NET WEIGHT	46 g	110 g	150 g
COLOR	NCS 8500-N/NCS 6502-B		
COMPLIANCE	CE, RoHS, REACH		
ACCESSORIES	Mounting plate, vandal protection, angle mount 15°	Mounting plate, angle mount 15° and 30°	Mounting plate, vandal protection, angle mount 15° and 30°, weather hood in transparent plastic or black metal

# EXRead Series - Logistics Information

SKU / ARTICLE NO.	GTIN / EAN	QTY	MODEL	DESCRIPTION
<b>READERS</b>				
44280380	7340132504179	1	SCR-SD G2	OSDP™ Verified NFC RFID Reader, color display, keypad, black (DISPLAY)
44280385	7340132504339	1	SCR-SKS G2	OSDP™ Verified NFC RFID Reader, keypad, black (SLIM)
44280390	7340132504186	1	SCR-S G2	OSDP™ Verified NFC RFID Reader, black (MINI)
44280397		1	SCR-G2	AccessLink 7.1 Multi-use cable 5-12V USB-RS485 & Keyboard emulation
QTY 10, top packaging		10	SCR-SD G2	Top level packaging with serial-numbers on label
QTY 16 top packaging		16	SCR-SKS G2	Top level packaging with serial-numbers on label
QTY 25, top packaging		25	SCR-S G2	Top level packaging with serial-numbers on label
<b>ACCESSORIES</b>				
44280270	7340132502113	1	SCR-SD G2	Installation plate 9 mm, plastic, grey
44280271	7340132502120	1	SCR-SD G2	Installation angle 15 degrees, plastic, grey
44280272	7340132502137	1	SCR-SD G2	Installation angle 30 degrees, plastic, grey
44280273	7340132502144	1	SCR-SD G2	Weather hood, plastic, transparent
44280274	7340132502151	1	SCR-SD G2	Weather hood, aluminium, black
44280280	7340132502168	1	SCR-S G2	Installation plate, 9 mm, plastic, grey
44285021	7340132502182	1	xCR G2	RS485 to USB Configuration Cable
44280278	7340132504155	1	SCR-SD G2	Bottom cover, grey
44280281	7340132504162	1	SCR-S G2	Bottom cover, grey
44280290	7340132502205	1	SCR-SD G2	Vandal protection
44280291	7340132502212	1	SCR-SD G2	Vandal protection with display protection
44280292	7340132502229	1	SCR-SD G2	Installation plate for vandal protection
44280295	7340132502236	1	SCR-S G2	Vandal protection
44280296	7340132502243	1	SCR-S G2	Installation plate for vandal protection
44280297	7340132502250	1	SCR-S G2	Installation angle 15 degrees, plastic, grey
44280220	7340132502267	1	SCR-SKS G2	Installation plate, plastic, grey
44280222	7340132502274	1	SCR-SKS G2	Installation angle 15 degrees, plastic, grey
44280223	7340132502281	1	SCR-SKS G2	Installation angle 30 degrees, plastic, grey
44280276	7340132502175	1	SCR-SD G2	Cover plate
<b>SOFTWARE</b>				
44583100	n/a	Unl.	SCR G2	EXRead Configuration Tool™ Software - Standard license (lifetime)
44583300	n/a	Unl.	SCR G2	EXRead Configuration Tool™ Software - Professional license (lifetime)
44593300	n/a	Unl.	SCR G2	EXRead Configuration Tool™ - Upgrade Std license to Pro (lifetime)
44603100	n/a	n/a	SCR G2	EXRead Configuration Tool™ - Update Std license to new release version
44603300	n/a	n/a	SCR G2	EXRead Configuration Tool™ - Update Pro license to new release version



PICTURE	CUSTOMS NO. TARIC / HS-CODE	PACKAGING TYPE	PACKAGING MEASUREMENTS			GROSS WEIGHT / KG	NET WEIGHT / KG
			HEIGHT	WIDTH	DEPTH		
<b>READERS</b>							
1	8531 10 30 00	Cardboard box	4,20	10,50	16,30	0,190	0,150
2	8531 10 30 00	Cardboard box	4,10	6,70	16,40	0,140	0,110
3	8531 10 30 00	Cardboard box	4,50	9,50	11,00	0,070	0,046
4		Cardboard box	4,50	9,50	11,00	0,070	0,046
n/a		Cardboard box	55,00	17,50	11,00	2,080	n/a
n/a		Cardboard box	120,00	80,00	10,00	2,440	n/a
n/a		Cardboard box	44,50	32,00	19,50	2,128	n/a
<b>ACCESSORIES</b>							
5	3926 90 97 90	Plastic bag	8,80	0,90	12,35	0,023	0,023
6	3926 90 97 90	Plastic bag	8,80	3,50	12,35	0,046	0,046
7	3926 90 97 90	Plastic bag	8,80	5,60	12,35	0,057	0,057
8	3926 90 97 90	Plastic bag	9,00	17,00	23,50	0,260	0,165
9	3926 90 97 90	Plastic bag	9,00	17,00	23,50	0,410	0,340
15	3926 90 97 90	Plastic bag	4,50	9,00	7,65	0,010	0,010
21	3926 90 97 90	Plastic bag	15,00	4,50	3,50	0,112	0,112
n/a	3926 90 97 90	Plastic bag	1,50	8,80	12,35	0,040	0,037
n/a	3926 90 97 90	Plastic bag	1,40	4,50	7,65	0,016	0,014
10	3926 90 97 90	Plastic bag	2,93	17,12	13,43	0,121	0,121
11	3926 90 97 90	Plastic bag	2,93	17,12	13,43	0,142	0,142
12	3926 90 97 90	Plastic bag	1,06	17,18	13,48	0,720	0,720
13	3926 90 97 90	Plastic bag	2,96	11,60	9,00	0,056	0,056
14	3926 90 97 90	Plastic bag	11,70	9,40	1,10	0,033	1,100
16	3926 90 97 90	Plastic bag	2,85	7,85	4,50	0,017	0,017
17	3926 90 97 90	Plastic bag	0,97	4,51	13,11	0,012	0,012
18	3926 90 97 90	Plastic bag	3,70	4,51	13,11	0,032	0,032
19	3926 90 97 90	Plastic bag	5,60	4,51	13,11	0,039	0,039
20	3926 90 97 90	Plastic bag	0,50	13,50	10,00	0,055	0,055
<b>SOFTWARE</b>							
22	n/a	Download	n/a	n/a	n/a	n/a	n/a
22	n/a	Download	n/a	n/a	n/a	n/a	n/a
22	n/a	Download	n/a	n/a	n/a	n/a	n/a
22	n/a	Download	n/a	n/a	n/a	n/a	n/a
22	n/a	Download	n/a	n/a	n/a	n/a	n/a



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