

NEXT-GEN ACCESS CONTROL

The Shift to Token-Free Architecture

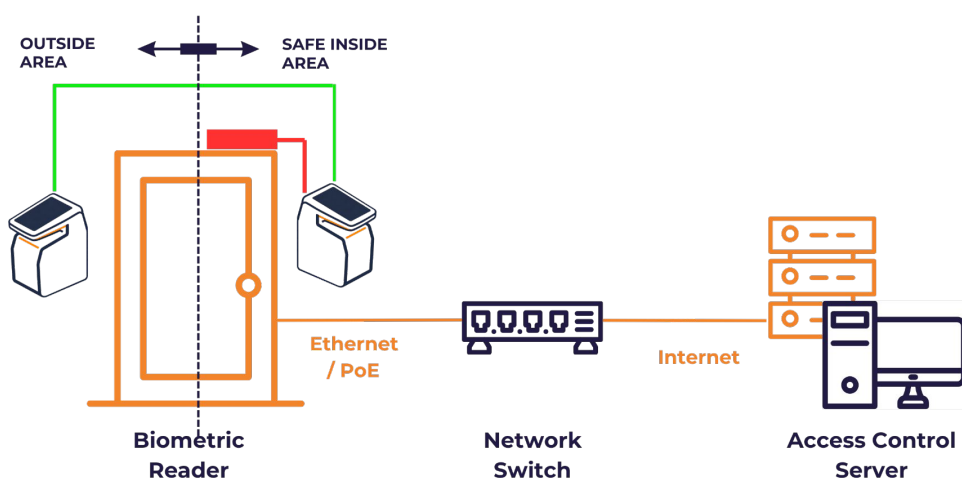
Access Control Readers Has Evolved.
Your Architecture Can Too.



Did You Know Your Biometric Reader Can Think for Itself?

Modern Biometric readers can operate completely independently. They can trigger doors, handle advanced access schedules, record clockings and even operate completely offline. No controllers and no tokens required.

Safe Side Door Control with Secure Tamper Detect Relay



Intelligence at the Edge

- Only TCP/IP or WiFi connectivity required
- Door control managed from secure side
- Door monitoring with tamper detection & event sending
- Per-user access rules & access schedules
- No "middleware" controller required

Intelligence at the Edge

Access control systems have traditionally relied on controllers to manage decision-making and secure door control as part of a structured system architecture. This was the only way to create redundancy in the event of network failure.

Today, intelligent biometric devices can operate independently, managing access decisions, triggering doors, storing user templates and transaction logs, and function fully independently should the network go down.

This means they can operate in multiple ways, including as stand-alone devices or as part of a larger, integrated access control solution, with built-in intelligence that unlocks extensive capabilities at the edge without the need for additional costly hardware.



Modern Capabilities



Intelligent biometric devices



Decision-making at the edge (the device)



Flexible deployment options



Centralised control via MorphoManager server



Linear scalability - one door at a time



Mixed credentials - Mobile, fingerprint, facial, QR codes



Full encrypted TLS communication



Accurate record keeping - integration ready

Flexible Access Control with: Idemia's MorphoManager

Depending on the specific site requirements, biometric devices are centrally managed through MorphoManager.

MorphoManager is Idemia's software solution that seamlessly enable access control and time & attendance applications. It offers easy site configuration, device management, user enrolment, biometric template distribution, group-based settings, and detailed reporting.

All that is required for a modern access control solution is network connectivity between the biometric devices and the MorphoManager server.

Features & Benefits of MorphoManager

TEMPLATE DISTRIBUTION

Enroll fingerprint and 3D facial templates in a single system with template distribution to biometric devices

SECURE CREDENTIALS

Securely encode Mifare, DESFire, HID iClass and SEOS contactless cards to work seamlessly with your readers.

SIMPLE INTEGRATION

Use as a standalone application or connected to a third party system, including leading access control platforms.

ENTERPRISE GRADE

Manage up to 100,000 users and connect and configure up to 5,000 biometric terminals with ease.

USER MANAGEMENT

- 20,000 to 100,000 Users
- Effortless template distribution
- Info: Photograph, demographic information, free form fields
- User access time slots and group assignments
- Multiple operator roles and privileges

TERMINAL ADMINISTRATION

- 5,000 Readers via WAN, LAN, WiFi
- Fingerprint, face, cards, contactless, pin, mobile
- Group terminals according to security perimeters
- Access Control / Time & Attendance
- Single PC / Advanced Client-Server configuration

REPORTING

- Up to 1 million access logs
- Accurate Time Recording
- User Onsite / Offsite reports
- User-, Terminal-, Group activity reports
- Automatic export transactions
- Import into payroll packages

With many Value Added Services from Ideco

- Integrated Visitor Management
- Remote messaging
- Extended networking via GSM
- Cloud based backup
- SOP Workflows
- Secure Tamper Relay
- Multi-Door Trigger
- Timed Anti-Passback
- Breathalyzer Integration
- BioBridge Integration

Measurable Commercial Value



SIMPLIFIED INSTALLATION

Reduced infrastructure suitable for large scale deployments



SCALABLE DESIGN

Grow from a single door to multi site enterprise environments



MODERN CAPABILITIES

Supports mixed biometrics, cards, QR Codes and mobile credentials



RELIABLE OPERATION

Reduced complexity with less points of failure



TOKEN FREE

No unlock tokens with every new door or when replacing readers



COST EFFICIENCY

Most cost effective solution without limiting functionality



Backed By Ideco



Industry leader in design, distribution, and integration of biometric solutions.



Continuous product development and enhancements.



Support with MorphoManager registration and licensing



Direct Access to our Certified Support and Repair Center.



Technical, Sales & User Training up to the level of Certification.



Service Level Agreements to ensure complete peace of mind

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