

# AuténID

# The Impeccable Access Control System

All organizations wish to avoid various threats from an imperfect access control system.

However, they always hesitate from concerns such as complicated procedures, high expense, and uncertain outcomes.

**AuténID**, a new concept of access control solution, ensures the best result with a simple procedure and low cost - using the A.bc1 access control terminal.

Moreover, A.bc1 fully utilizes the existing access control system whilst upgrading it to an impeccable system, providing complete flexibility in leveraging the company's assets.

Be your system to the "Most Efficient and Most Effective" system with Andopen's solutions.

Identify yourself by Comparing "Your Face" inside the ID card with "Your Face" in front of the camera.

This simple and familiar method is not only 100% accurate but also highly efficient.



# AuténID

BIOMETRICS CONVERGED SOLUTION



## Your ID Card is not You

ID cards are the most common and representative method to identify and authenticate yourself. However, is it possible to fully identify oneself with only ID cards?

Concerns around card sharing, counterfeiting, alteration, and cloning always exist.



### Biometrics ID, ACC (Andopen Card Credential)

Your face is encrypted and stored in a highly secured ID card

## The ACC is YOU

ACC, combining biometrics and ID cards, can represent you perfectly.

By using the ACC, an ID card combining facial information, you can achieve perfect identification in the easiest and most affordable manner.

ACC will enable your dream "impeccable identification system" along with our special access control terminal.

**AuténID** solution, no biometric DB is required inside of the system as personal biometric information is stored on the individual Bio-ID card which only end-users have access to, without having to reserve the data elsewhere. Therefore, the system is more lighter and simpler with unlimited user capacity, setting the organizations free from obligations to manage the sensitive personal biometric information.

# A.bc1

Access control terminal A.bc1 is a core product of AuténID, an access solution with a destructive concept, that converges face recognition with ID cards.

By using A.bc1 with ACC (ID cards with built-in biometric information), customers can upgrade their systems in the easiest way to be 100% secure, efficient and practical.

Through matching actual faces with face images saved in Bio ID cards, A.bc1 authenticates users with 100% accuracy and 100% success rate, eliminating a cumbersome process of biometric registration.

AuténID

Patent no, 10-2220677

## 100% Accuracy

- High secured multi-authentication with card and biometrics combination
- Zero misrecognition by verifying two faces of the same person
- Top of the class facial recognition algorithm

## Reliability

- HDR dual-camera for tough lighting conditions
- Triple-Layered fake check
- IP65 rating

## Flexibility and full connectivity

- Immediate integration with a legacy access control system
- Gigabit Ethernet, Wifi, OSDP, Wiegand, RS485
- 30 pin I/O connectible with all devices in the Physical Access Control System

## Versatility and Convenience

- Temperature sensing feature
- Time attendance feature
- Plug-and-play without initial setup
- No Enrollment, No Database, Unlimited user capacity
- Easy installation at any place: PoE and Slim form-factor
- Support NFC, Bluetooth and various tokens
- Easy management tools and cloud based device monitoring



## The convergence of Biometrics and ID card improves mutual weaknesses and provides a realistic answer. We call it AuténID.

Users can be authenticated by simply 'Looking and Tagging' with a pre-issued ID card for which their face is built inside, without prior enrollment process.

This means there is no DB to be handled within the system.

Naturally, the installers or system integrators can easily deploy the A.bc1 to any kind of access control system without complex changes to the system.

It is also possible to build a new **AuténID** system by placing components properly.

# AuténID

BIOMETRICS CONVERGED SOLUTION

Authentic ID card

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It is obvious that customers' demands in strengthening security by reducing vulnerability of their system in business operations are growing each year.

Especially in the access control field, even though customers are unwittingly exposed to the weakness of card-based systems, existing biometric products in the market have been failing to be their right alternatives due to FAR (false acceptance rate), limit on the number of users, mandatory enrollment process, difficulty in managing sensitive biometric information, low compatibility and scalability, and high budget.

A.bc1 is specially designed to resolve all those issues above at a single stroke.

Choose **A.bc1** to be free from all your concerns.

## ACC

Andopen Card Credential

### ID card credential with facial information

AES128 encryption

Can be issued with various authentication measures other than cards such as smartphones, smartwatches, and keyrings, etc.



## ACIS

Andopen Card Issuing System

### An integrated solution encoding face information and issuing ID cards

REST API support

Windows 10



## ADMS

Andopen Device Management System

### Device management using cloud / simple SW

Device monitoring

Access permission / group / log management etc.



# “ Entirely identical operation ”

## Integration with legacy access control system

A.bc1 only judges Pass/Fail by comparing the face inside the ACC with the face of the user, removing the need for any facial information database in the system.

Security managers simply need to administrate their existing access control panels and access management system as usual.

If they want to monitor and manage A.bc1 separately, managers can utilize ADMS or easily apply REST API on their access control system.

A.bc1 only transmits the 'card number,' in the same format as the current RF readers', to the access control panel when authentication is successful. Nothing is transferred when authentication is denied.

Flexibility and scalability are the next indispensable aspects to consider when deploying a new system.

A.bc1 integrated with ACU can be used for both direct door control and when operating with an external access control panel.

A.bc1 works perfectly by simply plugging in power when used standing alone, and it acts as a reader by using diverse interfaces when it's connected to other legacy systems.

Including the default OSDP, various communications and over 22 input/output peripherals make A.bc1 interoperate flexibly and effectively with most of the industry-standard legacy systems.

Hence, the customers can leverage their existing investments in the legacy by A.bc1's superior compatibility and scalability.

## Act now, be free from all your concerns

Do you have a solution for weaknesses of card based systems, such as cloning, counterfeit, and sharing ID cards?

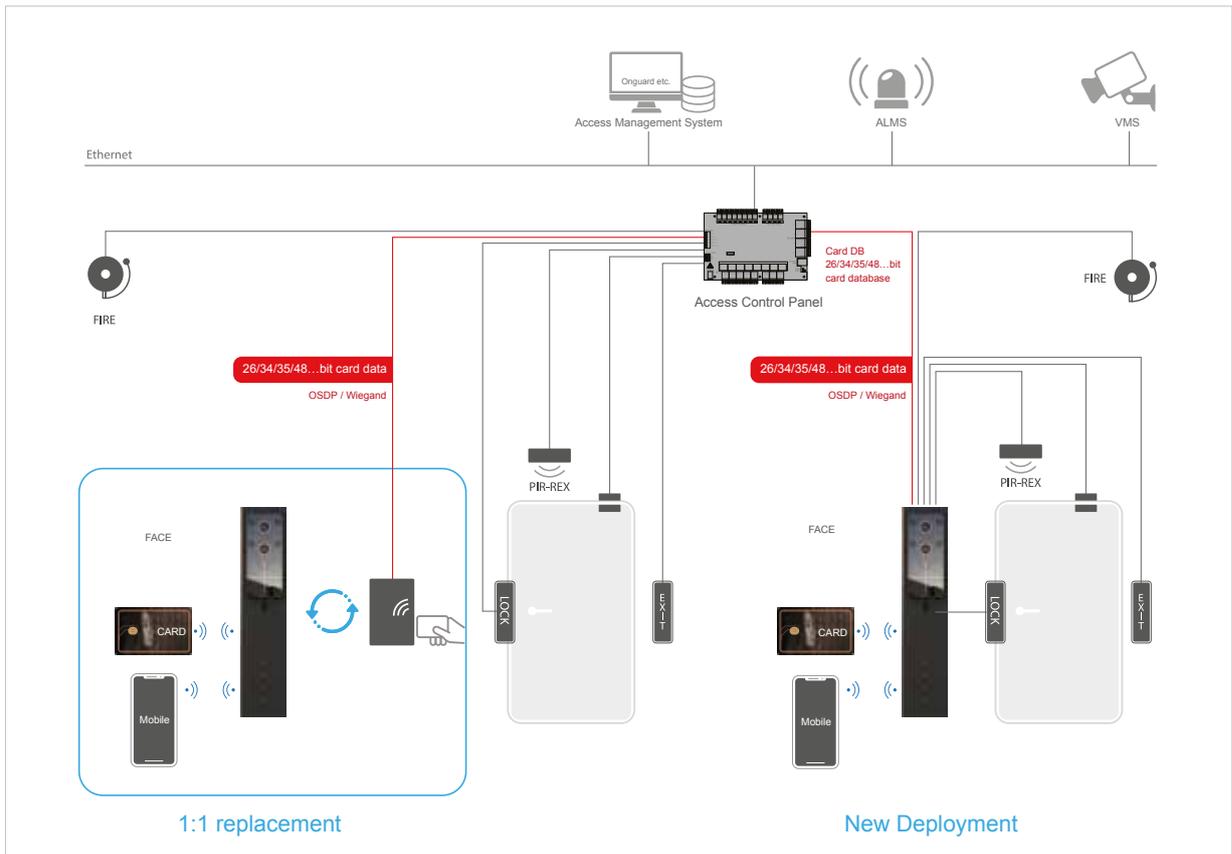
Are you willing to choose a biometrics system as an alternative, knowing the concerns such as false acceptance, a limit on the number of users, mandatory enrollment process, difficulty in managing sensitive information, low compatibility and scalability, and high budget?

A.bc1 is specially designed to resolve all those issues above at a single stroke.

Choose A.bc1 and be free from all your concerns.



## Biometrics Converged Access Control System Configuration



## Applicable Market



# Shared, Lost, and Stolen

However,  
are you 100% certain that biometric authentication  
is more accurate than ID cards?  
Are you mindful of how hard the biometric registra-  
tion process can be?  
Is there a way to manage the biometric information  
within your organization?  
Are you bold enough to replace the entire system  
currently installed?  
Please take a moment **AND OPEN** the envelope to  
discover a solution.

Everyone is aware that defects lie in the existing security systems and considers converting to the contactless biometric identification solution which is accurate, convenient, and up-to-date, but often becomes hesitant as they instantly face numerous issues such as time-consuming biometric registration process, complicated biometric information management, and complete system amendment required.

Moreover, even after the challenges are overcome, it is unacceptable that there still are probabilities of misrecognition, which cause fundamental loopholes in the system.

Andopen provides realistic solutions to the businesses seeking transformation in security.

**ANDOPEN**  
BIOMETRICS SOLUTION PROVIDER



ANDOPEN Co.,Ltd  
3F, 309, 10, Seongnamdaero 43, Bundang gu, Seongnam-si, Gyeonggi do,  
Korea. TEL: +82-31-608-0010 FAX: +82-504-374-9019

Contact information for **AuténID** Access Control Solution  
[contact@andopen.co.kr](mailto:contact@andopen.co.kr) / [www.andopen.co.kr](http://www.andopen.co.kr)

 [www.youtube.com/andopen](http://www.youtube.com/andopen)

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