FUSION
Smart Solutions @ Work

FUSION Tru-ID Biometric Access Control System

Always With You

The convenience of biometrics is obvious to anyone who accesses secure premises on a regular basis. The ability to replace existing token or password based systems with a biometric fingerprint delivers for a more secure environment.

It reduces the very real and documented risk associated with maintaining a token or password based system. Always having your password with you and never forgetting it is a convenience we can all benefit from.

Tru-ID is a Biometric based Physical Access Control system using fingerprints to identify those users with access authorisation. With **Tru-ID** there is no need to carry tokens or cards or remember PIN numbers. Just touch the fingerprint sensor with your finger and your fingerprint is scanned.

All types of business, large and small, can realise security, productivity and cost reduction benefits by using **Tru-ID** to control and maintain an audit trail of access to premises, processes, equipment, information and property.

Tru-ID Features

Compatible with your computer network - enabling access points on all sites to be connected over the company network.

Doors are served with power and data via network cables - eliminating the requirement for mains power at every access point.

Supports up to 400 users on each site.

On enrolment, fingerprints are automatically distributed to all readers across the site.

Support for multiple sites and every site can have a different population of 400 users while key personnel able to access all or selected sites.

Use your network to transfer biometric fingerprint templates and access credentials between sites - providing easy access for key personnel who need access more than one site.

Fingerprints are held as ISO and ANSI formatted Biometric Templates which ensure continuity of supply by eliminating dependency on any one sensor manufacturer.

Live finger detection and spoofing protection. Spoofing is the use of artificial fingerprints in an attempt to manipulate the system into granting access.

Tru-ID Benefits

No lost cards or tokens to worry about so nothing to lose, nothing to replace and no replacement costs.

Eliminates the password drudgery with no PIN codes to remember and no need for back-up support service forgotten PIN codes.

No paperwork or tokens to hand out, so it is quick and easy to enrol new users and you can easily give short-term access authorisation to site contractors and visitors.

Intelligence distributed to the reader head so that biometric identities can be checked and access decisions made at the point of entry.

Manage attendance as site arrival and departure events can be used to track staff timekeeping and contractors.

Power Over Ethernet Technology - Delivering both Power and Data over CAT5e/6 - Green Clean Design

borer

Installation:	Wall mounting onto surface or recessed double gang standard electrical wall box
Power Supply | Consumption:	48 Volts Power over Ethernet or 12 Volt DC | 3 Watts
Dimensions:	Front panel 85 mm x 145 mm
User Status Display:	RED access denied and GREEN access granted LEDs
Data Cable type | maximum cable length:	CAT5e/6 from PoE bridge to door location | Maximum 300 meters
Reader Database:	Templates for 400 users
Operating Temperature range:	0 to 60 degrees C
Sensor:	Optical with live finger detection and spoofing attack protection
Biometric Template:	ISO SC37 1979-2 & ANSI/INCITS 378 compliance.Fingerprints are stored as biometric templates which are a mathematical representation of the live fingerprint image. Templates cannot be used to reproduce the live fingerprint image.

How Tru-ID Works

Tru-ID stores the fingerprint templates at the reader. This approach has advantages in that it deliver the quickest response whenever a finger is presented for authentication. However, this approach does not normally lend itself to situations where the user needs to be authenticated at multiple locations. **Tru-ID** overcomes this by sending the fingerprint template to all the onsite readers whenever a new user is enrolled. A user can be enrolled at any reader, provided the reader is set to support enrolment, eliminating the need and the extra cost of a dedicated enrolment reader.

You must first enrol before you can use your finger to gain access. Enrolment is a simple process of having your finger scanned twice in succession.

The enrolment reader will give the fingerprint a unique reference number. To complete the enrolment process, your details and access credentials together with the biometric reference number are input into the access control database.

Once enrolled, you can immediately use your finger to gain entry at any onsite reader, provided you have the required permission. Simply touch the fingerprint sensor to have your finger scanned. The scanned fingerprint is compared to the list of stored fingerprints held in the reader's memory. When a match is found, your access credentials are checked for time, date and location authority before access is granted. Should you visit another site, your fingerprint template is imported as soon as you report to reception.

SERVER ROOM

Mains Power

WAN/LAN

Power and Data delivered over CAT5e/6 Cables

8 Port Midspan Bridge

Door Monitor

Borer Tru-ID Biometrics Reader

PoE Lock Manager

DOOR FRAME

PRESS

TO EXIT

FUSION PC

Request to Exit Switch

Electric Strike