

Facial Authentication Access (FA100CS)



At a Glance

- Manages access to restricted areas utilizing a tablet-based facial authentication application
- Integrates easily with NEC's UNIVERGE SV9100 communications platform to place calls to the attending representative when needed and unlock doors
- Automates access management to less restricted workplace areas that require staff authentication
- Supports up to nine tablets per UNIVERGE SV9100 and a total database of 300 pictures system-wide
- Can be mounted on a variety of tablet mounting kits
- Sends user information and authentication emails for tracking purposes and history retention
- Installs easily in most any environment

Overview

Most businesses have some type of need to manage access to certain areas on-premises, but lack a simple to install and use solution to meet their requirements. With NEC's Facial Authentication Access solution, now they do!

The Facial Authentication Access solution helps businesses to automate access management and allows authorized personnel entry into restricted areas. This Android-based solution simply takes a picture of the person wanting to gain access, compares the photo to the pictures of authorized personnel profiles in its database, and when a match is found – access is granted in a matter of seconds.

NEC's Facial Authentication Access solution adds another layer of access management to your existing security system to help you restrict certain areas to authorized personnel only. It is very well suited for small businesses.

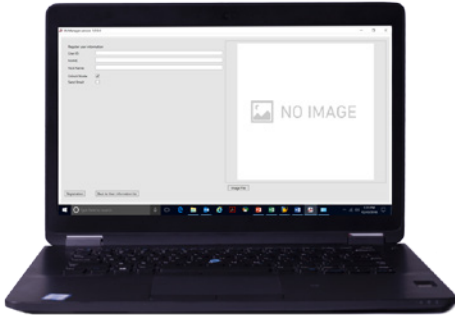
Solution

Helps Automate Access Management

Using our turn-key comprehensive solution, authorized personnel gain entry into certain restricted areas by using their face. A photo is taken with the tablet's integrated camera and is matched against the database of authorized personnel profiles. Once a match is found and the face is authenticated, the door/entryway is immediately unlocked.

If a match is not found, a message appears on the screen stating “Authentication Failed”. It will then immediately place a call to the designated representative preprogrammed in the system. A two-way conversation can then be held and if the person is allowed entry, the representative can press a line key or enter a code from their telephone to unlock the door.

Easy to Implement & Administer



NEC’s Facial Authentication Access solution comes with its own management software – the FA Manager. The intuitive interface makes programming easy and adding profiles simple. On the designated Primary tablet, it actually will walk you through set up step-by-step. Once configured, it can also be managed from your administrator’s PC. When adding additional Secondary tablets, they will all be registered to and updated by the Primary tablet. Up to nine tablets can be supported.

The Facial Authentication Access solution easily integrates with the UNIVERGE SV9100 communications platform. The SV9100 enables it to unlock doors and place the two-way call to the designated representative.

Authentication logs and user information can be configured to send emails to the appropriate staff members to maintain a history of who has accessed a restricted area.

Great for Use in a Variety of Environments

Wherever your business needs to limit entry/exit of an area, NEC’s Facial Authentication Access solution is a great option in a variety of environments.

Manage usage of building assets such as freight elevators, teacher lounges, study rooms, executive conference rooms, corporate gyms, lunch rooms, hospitality concierge floor and more...

Facial Authentication Access has a function for detecting spoofing when someone tries to use photos or smartphones. By default, this function is set to “OFF”. You can set it to “ON” by selecting the “Spoofing Detection” check box under Face Detection Engine setting. Use Frequency of Spoofing Detection (%) to set the frequency at which this detection function is executed. When this function is set to “ON”, users are requested to perform one of several operations after a successful authentication. When the user performs the requested operation, Facial Authentication Access confirms the successful verification. Note that this function cannot detect spoofing with 100% accuracy.



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