

Seamless human access, without compromising security

Access Control



Introduction

In our fast-paced and dynamic society, every second counts. While security should be held with utmost importance to guard the assets and environments crucial to our organisations, we want to avoid cumbersome security checks to minimise disruptions to productivity. NCS' Access Control is designed to do just that, by providing a secure access environment, yet one which remains frictionless for personnel to move in and out of restricted areas or facilities with ease.

Through a range of biometric authentication (such as facial, iris, voice and fingerprint recognition), authorised users are identified through the respective biometric devices and subsequently granted access to various buildings and facilities. Unauthorised users on the other hand, would be barred access. Cases such as tailgating, barrier remaining open, etc., would automatically trigger an alert to Building Management via NCS' IntelliSURF™ platform, hence allowing for real-time situational awareness and swift follow-up action.

In all, with speed, reliability and accuracy, you could have a better peace of mind with NCS' Access Control and IntelliSURF™, knowing that security is never compromised, with your business functions and operations remaining dynamic and fast-paced everyday.

Challenges

- Issue of stolen, misplaced or forged access cards
- Need for automation of processes, such as alerts for cases such as tailgating or unauthorised access, as well as report generation

Solution

- Access Control Module

Key Product Components

Hardware

- ▼ Biometric devices

Software

- ▼ IntelliSURF™
- ▼ Access Control Module

Benefits

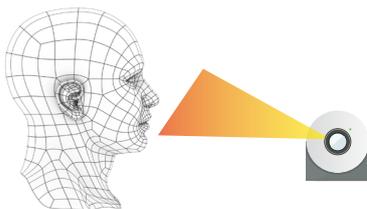
- Seamless and secured access control without having employees or visitors feel encumbered by long security checks
- A convenient mode of identification of authorised individuals, with an accuracy rate up to 90%
- No need to memorise codes, or always rely on a physical access card should one forget to bring it. Also, ease of card management
- Low False Acceptance Rate (FAR) and False Rejection Rate (FRR)

How It Works

Using the instance of biometric facial recognition, users are enrolled into the system via facial scanning. Once authenticated and authorised, they could simply look into the high definition camera situated at the physical barrier and be granted access. In the event of tailgating and unauthorised access, for example, automated alerts and respective standard operating procedures would be triggered to Building Management with a clear indication of the camera detecting the situation visualised on IntelliSURF™'s floor plan.



1. Users are enrolled into the system via facial scanning



Scenario A: Authorised users would be granted access after staring into the camera and being identified



Scenario B: Automatic alerting and situational awareness upon IntelliSURF™ in the event of unauthorised access or tailgating for instance

Features and Benefits

	FEATURES	BENEFITS
FOR BUILDING MANAGEMENT (Using the example of biometric facial recognition)	Visualisation of all camera points for the restricted areas on the interactive floor plan of IntelliSURF™, with corresponding details of each camera such as camera ID, description and status.	Visibility at a single glance of the cameras and their statuses translates to convenience and ease of management.
	Alert notifications, such as when a person tailgates another to gain entry into a restricted area.	Swift response with the security team for the corresponding examination and remedial action.
	Alert notification when the door remains open.	Swift response to send the security team to examine and close the door.
	Standard operating procedures following the various types of alerts.	Relevant parties can take the appropriate actions to follow up with the respective alerts swiftly and decisively.
	Search function for the relevant camera by the camera ID.	Search for the camera's location and cross-reference it on IntelliSURF™'s interactive floor plan.
	Report generation with parameters such as the number of alerts received, and the count of people entering the restricted area.	Obtain visibility and harness further insights for future planning as well as deployment of resources.

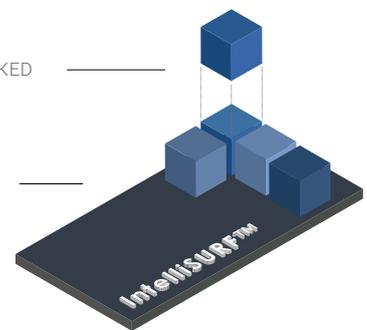
The Modular Feature of IntelliSURF™

More than the standard command-and-control platform, IntelliSURF™ integrates with a suite of modules which comprises best-in-breed technology, insights and domain knowledge.

Be it monitoring your energy consumption remotely or implementing a reliable, secure access control harnessing biometric technology to facilitate seamless movement within your organisation, our modules represent a range of functionalities across the unique needs and contexts of various industries, so you could pick only the ones to complement what you truly need.

MODULES OF VARIOUS FUNCTIONALITIES STACKED UPON IntelliSURF™

IntelliSURF™ PLATFORM



Interested to find out how NCS can help you enhance security around your assets and environments while still ensuring the corporate pace remains seamless and efficient? Speak to us today, or request a consultation today.

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