

## Open sesame

CleverAccess utilises our market leading facial recognition algorithm to actively, or passively, identify specific individuals and provide access solutions where appropriate

It's simple to implement, easy to use, highly accurate & secure and is cost effective versus card systems



CleverAccess links seamlessly with existing access control hardware, taking inputs either directly into the access control system or from an existing client database



It provides access control, remote alerts to mobile devices and management information to an intuitive, live, on-line dashboard



Its cloud based, allowing the database to be managed centrally and deployed, in real-time, to multiple sites



It allows touch-free access control in line with anti-contamination rules

CleverAccess can be tailored to your specific requirements and is highly useful for a variety of industry sectors including offices, data-centres, leisure facilities, production facilities and manufacturing

## Testimonial

“As home to some of the best sports facilities in UK universities, our standards are very high. When we revamped the entrance to our gym facilities we wanted a system that would not only improve the overall customer experience but would provide a highly secure, state of the art access solution that enabled us to have tighter controls on who enters our facilities. CCTech provided the facial recognition technology for our new sleek entrance barriers, automatically detecting and identifying Sports Park members who have been granted access following a very simple enrolment process. The system, which is easy to use, reliable and highly accurate, allows only members in and ensures people can't share membership cards. The CCTech team have offered valuable technical support to our staff since the installation, which has been paramount in the successful, smooth transition into our use of this technology”

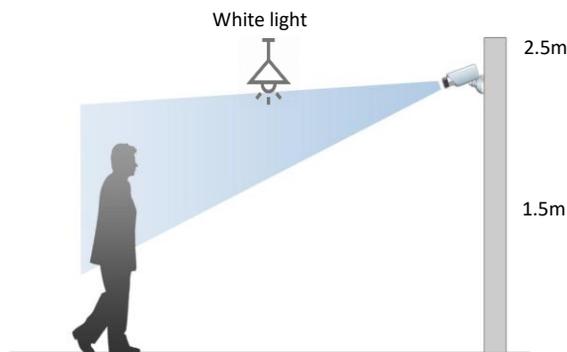
**David Jarvis, Operations Manager- Service Delivery,  
University of Exeter**

## Accuracy

Identification accuracy of 99.42%\*

This can only be achieved by:

- Ensuring the face is illuminated by a dedicated white light (300 lux+ is a good level). Shadowing or back lighting will impact the accuracy
- Ensuring that at least 75% of the face can be seen and at no more than a 10-degree tilt. Cameras should be placed at 1.55m – 1.8m where possible (up to 2.5m), with the exception of access control where it should be always be placed at 1.55m. The camera should always sit in corridor mode
- Ensuring a pixel density at the point of detection of at least 833px per metre
- Ensuring the enrolment image has a minimum pixel density of 150px x 150px and that the face is not obscured by glasses, hats, hair etc.



## Technical specification

**PC:** Intel Core i7, Windows 10  
 CPU: 4xCores 3.2Ghz, Ram: 16GB  
 GPU: NVidia GTX1050Ti

**CAMERA:** good quality images, at least 1080p, glass optic megapixel lens with edge correction. Maximum field of view 90-degrees with vari-focal lens

**INTERNET:** permanent network connection; minimum 2MB down / 512KB up.

## GDPR considerations

You, as the client, are the data controller and operator so must be registered as such with the ICO via their website

All of the data, images and personal details captured are solely held on your premises and behind a secure firewall. You should have a clear GDPR and Data Protection policy for your management of the data

Customer Clever does not hold any data

You should complete a Data Protection Impact Analysis (you can find forms and information on ICO website in regards to this) for introducing face recognition

You should engage with internal and external customers to inform them that you are introducing FR and have signage explaining that you are introducing this. They will need to read and accept a privacy notice which explains how you keep their personal details secure

The enrolment app for taking photographs should have a GDPR prompt on it which needs to be accepted before proceeding to enrol a user into the system. The system simply requires a photo of the individual to be held plus a unique identification code. This could be randomly generated. You can hold names, but this is not essential.

## Integrates with:

### ACCESS CONTROL SYSTEMS



### VIDEO MANAGEMENT SOLUTIONS

