



CYBERFACE

Biometric Digital Identity

Multi biometric authentication technologies





prisons

Secure and logistic complexes

Complexes characterized by multiple entrances of employees and officials, entrance of cars and trucks, suppliers and guests.

The complexes are often divided into offices, storage areas, delivery platforms and unloading areas. and segregated complexes. Confinement cells, excursion yard, dining room, kitchen, etc.

The subject of entry control is thrown over many passages and a varying cross-section of authorized and casual visitors to the complex: guards, officials, external suppliers, visitors.

Prisoners by compound/authorization/population and permits.



The proposed system

One system, based on biometric authentication (facial recognition) that combines different techniques and has clear authorizations at different transitions.

The system is required and can operate in outdoor and indoor conditions.

Perform an end-user authentication process with an additional means of identification (smart card) or only using a photo.

The verification process can be carried out at different gates, including at vehicle crossings, based on one database.

The system allows you to operate while maintaining privacy and without an image (using a vector).

The system allows the inclusion / registration of an end user in various processes and immediately, directly to the access control software.

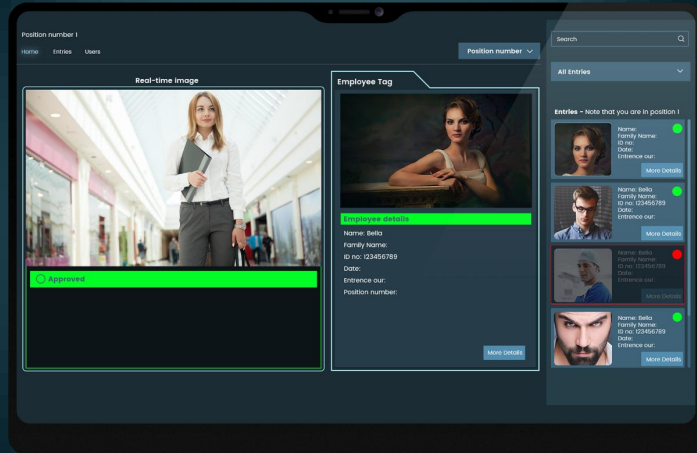
Our solution

Access control
integrated biometric
authentication

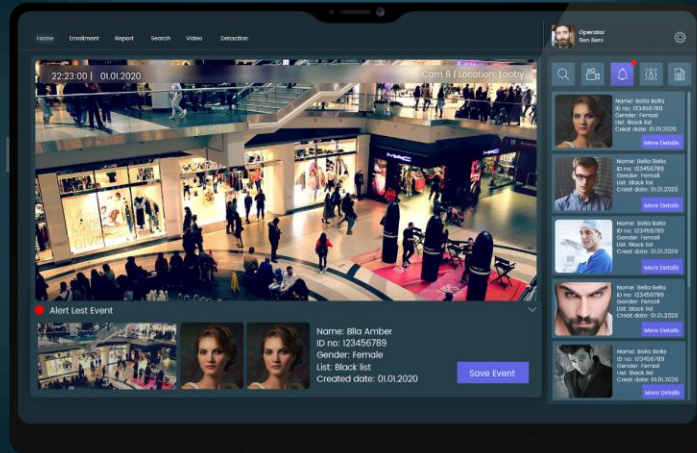


Facial recognition techniques

Biometric Access control
1:1



Biometric Access control
1:N



Vehicle Access control



Bio surveillance



TECHNOLOGICAL CAPABILITIES

The company develops and manufactures identification and verification processes in number of techniques:



Mobile app sign-in control



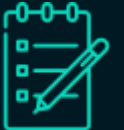
Facial recognition entry control - N:N



Physical entry control integrated smart card 1:1



Entry control based on biometrics only - 1: N



Register and verify customers in the app and on websites



Identity verification from certificate combined with biometrics without database



Integrated access control system with facial recognition

- The system relies on one registration of the end user, thus allowing him to be identified by different methods and at different transitions.
- One database is used for verification at exterior/interior crossings, in a vehicle or as a pedestrian.
- The system administrators have the option to "surf" to the control screen in real time, and control user authentication and system activation.
- The system allows reports of entries/exits, time/gate.
- There is a built-in level of system management and privileges.
- Identification of a truck driver or a private car is possible while the driver is sitting in the cab.



Unique capabilities of the system

- The facial recognition system allows integration (as an add-on) to any access control system installed in the complex. Thus, verify the user's identity.
- Using the company's access control software, a card can be used at one door and facial recognition only at another.
- The system relies on a single registration of the end user, and providing him with the ability to identify him in various passages/facilities.
- The entrance control system allows for the biometric registration of suppliers and guests prior to their arrival, according to specified days and hours.
- The system does not require saving an image (use of vectors only) and can operate in complete isolation from the database containing the personal details - in the field of BIO is legally approved.
"Dan-Hai" law office.

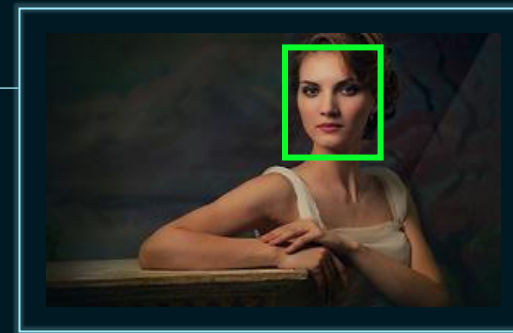


The concept of identification

Real-time image



Image from database



Compare & match

A screenshot of a biometric identification software interface displayed on a monitor. The interface is dark-themed and includes a navigation menu at the top with "Home", "Entries", and "Users". The main content area is divided into three sections: "Real-time image" on the left, "Employee Tag" in the center, and "All Entries" on the right. The "Real-time image" section shows a live video feed of the woman from the hallway, with a green "Approved" status bar at the bottom. The "Employee Tag" section shows a reference image of the woman and a list of "Employee details" including Name, Family Name, ID no., Date, Entrance our, and Position number. The "All Entries" section shows a list of four entries, each with a small image, name, family name, ID no., date, entrance our, and a status indicator (green or red circle).

Position number 1

Home Entries Users

Position number

Real-time image

Employee Tag

Employee details

Name: Bella
Family Name:
ID no: 123456789
Date:
Entrance our:
Position number:

More Details

All Entries

Search

Entries - Note that you are in position 1

Name: Bella
Family Name:
ID no: 123456789
Date:
Entrance our:
More Details

Name: Bella
Family Name:
ID no: 123456789
Date:
Entrance our:
More Details

Name: Bella
Family Name:
ID no: 123456789
Date:
Entrance our:
More Details

Name: Bella
Family Name:
ID no: 123456789
Date:
Entrance our:
More Details

Approved



A unique technological solution Identification as an entry control of truck drivers Impact on the entries of suppliers and authorized vehicles





A unique technological solution Identification as an entry control of truck drivers

Impact on the entries of suppliers and authorized vehicles

- Compliant with GDPR or any other privacy regulations: the images are not stored, but converted by the FR system into mathematical vectors used for comparison.
- Very fast verification - 1 second, and if it is required to retrieve an image stored in the database, one second will be added.
- The system uses 2-3 cameras to enable detection in a low or high cab.
- The FR system can acquire a photo of the driver when stopping at the gate (driver approved in the system), thus it will be possible to verify him on subsequent visits.
- The system is a learning system.

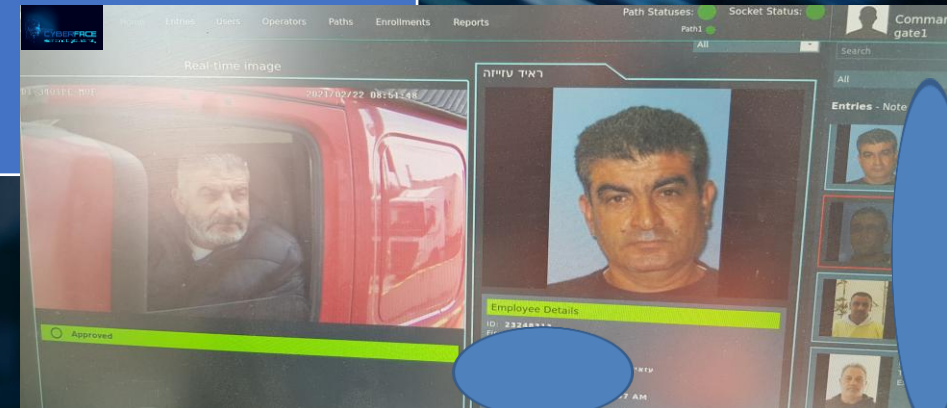


A unique technological solution - driver identification

The system recognizes the driver even if the database is based on old photos.

The system prevents "identity duplication" and guarantees the ability to present a current image in front of the camera.

The system allows: streamlining the entry process.
Savings in personnel/guards.
Downloading security upgrades.

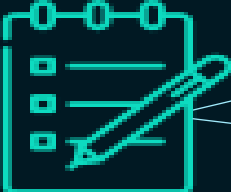


System structure

database



Registration



Vehicle Access control



Real-time image

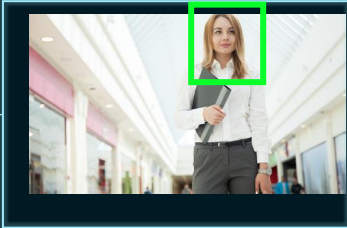
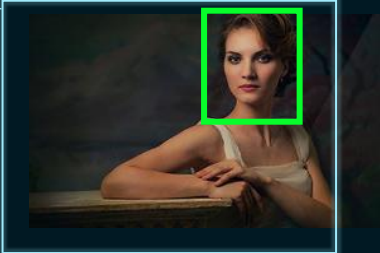
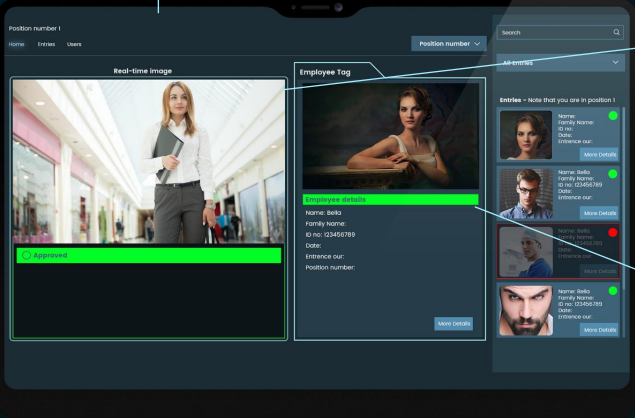


Image from database



Compare & match





The entrance control system is special

Ability to activate all methods - 1:1, 1:n: N, N.

Allows the use of vehicle crossings in outdoor conditions.

The ability to register suppliers and regular guests based on hours and days.

Registration with different techniques: physical, email file, video download.

Can be added as part of an overall concept, to complete a security or safety capability.

It is possible to integrate with existing systems.

No need to use the image after the initial registration (encrypted vectors instead).

It is possible to set up a system in a geographical layout with one control center.

"Cyberface" affects: security. Safety, efficiency.



The specialty of the Bio surveillance system

The system allows identification of a person at the entrance to the complex without involvement.

The system allows the registration of an identified person to the "white" or "suspect" list.

The system enables a "tracking" process and transition between areas by the cameras.

The system can count the number of people entering a certain area with reference to the faces that are revealed.

Most of the systems in the company are "learning systems" that improve the level of identification with each transition of the end user.

The CyberFace company can set up an alert system / advance notification, upon the arrival of a "registered user" who appears on the reportable list.




A person identification system in the complex and the presentation of the history - monitoring

22:23:00 | 01.01.2020

Cam 6 | Location: Looby



Search icon, Video icon, Notification icon, Person icon, Document icon



Name: Bella Bella
ID no: 123456789
Gender: Femall
List: Black list
Creat date: 01.01.2020

[More Details](#)



Name: Bella Bella
ID no: 123456789
Gender: Femall
List: Black list
Creat date: 01.01.2020

[More Details](#)



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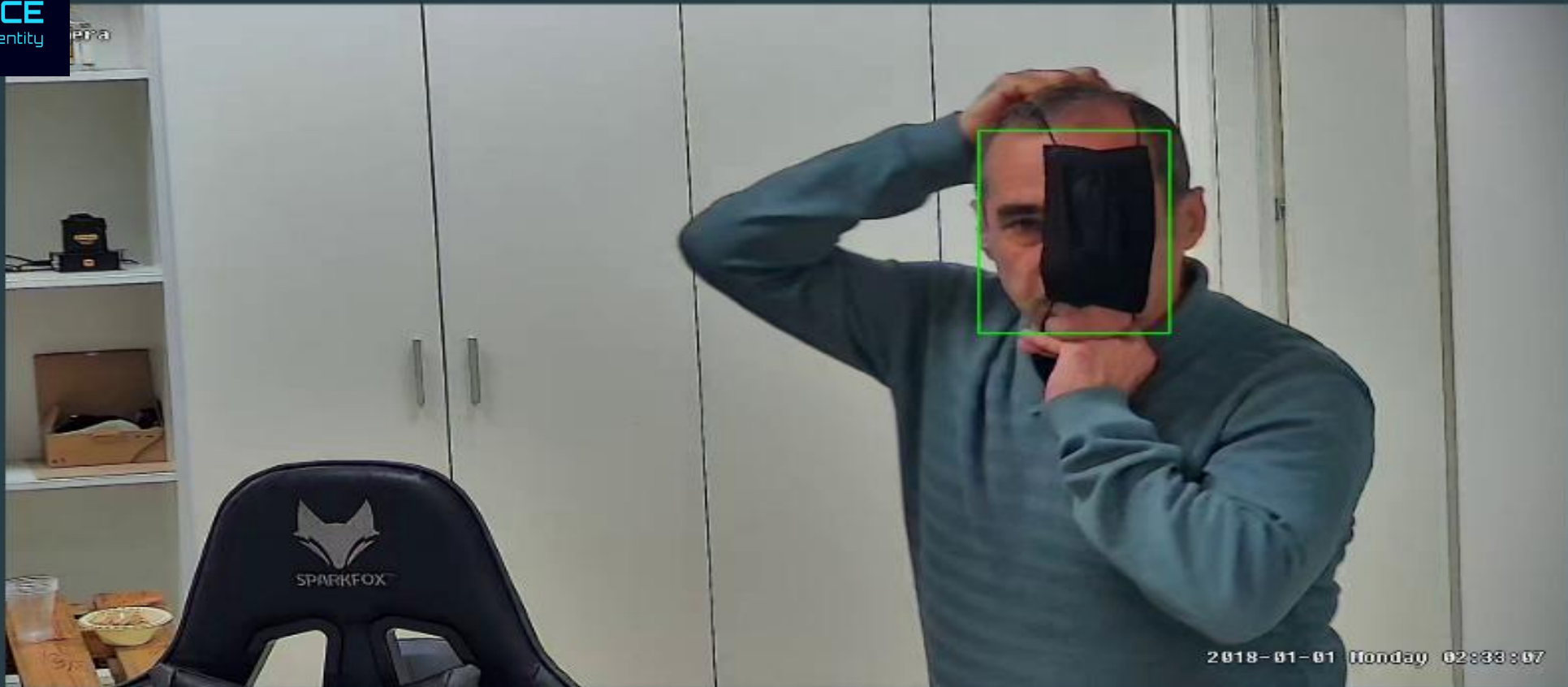
Alert Lest Event



Name: Blla Amber
ID no: 123456789
Gender: Female
List: Black list
Created date: 01.01.2020

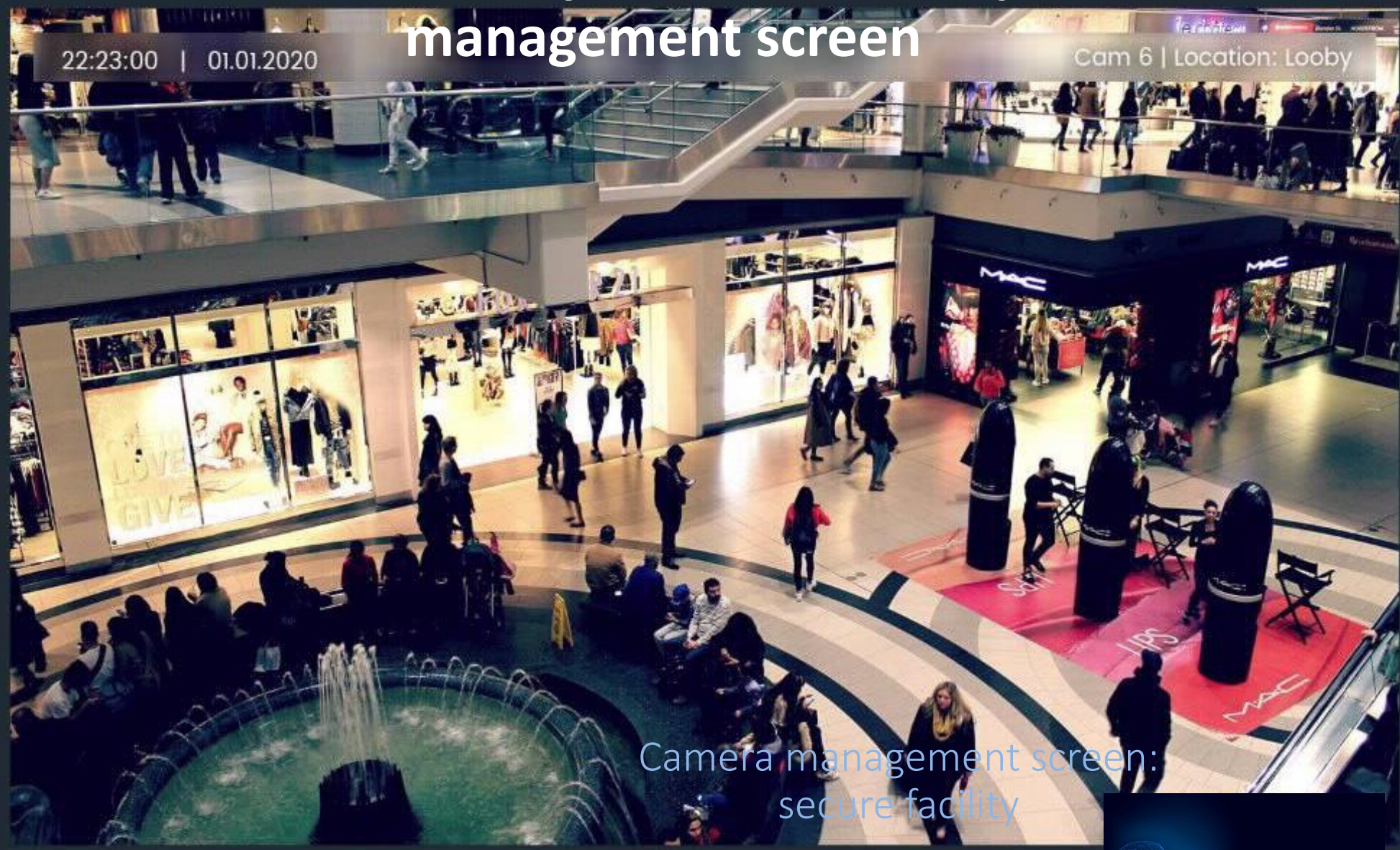


[Save Event](#)




Name: Amos Romano
UID: 0505762502
Frame ID: 0
Score: 0.498133
Lists: Suspects List
Created date: 2/23/25, 6:10 PM
Camera Location: misdaron-115
Camera Name: misdaron-115
Person Description:

Person identification system in the complex - camera management screen



Navigation icons: Search, Video, Alerts, Lock, Document

- Cam 1 | Floor 1
- Cam 2 | Floor 2
- Cam 3 | Floor 3
- Cam 4 | Floor 4
- Cam 5 | Floor 5

 Alert Lest Event





Bio surveillance - Projection on a prison

The system allows identification of a person when passing between complexes.

The system allows the registration of an identified person from an "approved" or "unapproved" list.

The system enables a "tracking" process and transition between areas by the cameras.

The system can count the number of people entering a certain area with reference to the faces that are revealed.

The system allows sending messages via social media as an alert or report.

The system allows detection even in complete darkness with the help of infrared lighting

The system allows the use of additional/supplementary means to identify a prisoner/visitor.

THANK YOU
for taking the time to
review the presentation



CYBERFACE
Biometric Digital Identity

