

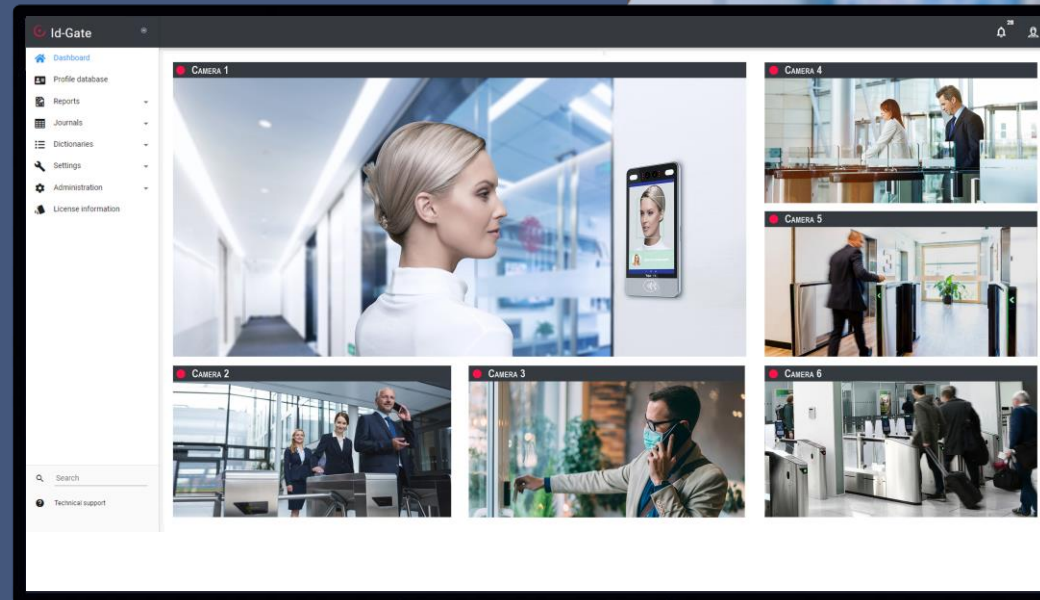
ID-GATE



BIOMETRIC SOFTWARE PRODUCT
FOR ACCESS CONTROL SYSTEMS

Enriching classic ACS with facial recognition

- The solution enriches existing or planned to be implemented ACS with additional modern features using facial recognition technology without significant investment
- Ensures the maintenance of all ACS policies
- Increases the reliability of identification and simplifies the entrance for employees/guests



Easy connection to an existing ACS

Id-Gate has ready-made seamless integrations with such ACS as **Bosch Building Integration System, Honeywell Pro-Watch, Lenel OnGuard, Schneider Electric Security Expert** and the list is constantly expanding



Our clients' tasks

ACS

- 1 The transfer of RFID cards to third parties

Solution

Biometrics compares the face at the entrance and the face of the cardholder in 1 second. The access is denied to the impostor



Our clients' tasks

ACS

2 The entrance of several people using the same pass card

Solution

Biometrics detects all the faces caught on camera, immediately notifying about those people who enter without a card



Our clients' tasks

ACS

3

Low throughput during peak hours.
People may look for their pass cards
up to 10 seconds

Solution

Entrance using biometric takes 1
second



Our clients' tasks

ACS

4

There is no possibility to control the passage of people in areas without actuators

Solution

Instead of doors and turnstiles, a camera with the correct placement and focal length detects everyone caught in its lens



How can biometrics solve these tasks?

BIOMETRICS

The **biometric identifier** of the employee is **inalienable**, as it cannot be **lost or transferred to third parties**.

Facial identification of an employee or visitor takes **less than 1 second**

Video cameras connected to the facial recognition system serve as **virtual access control points** that allow **contactless verification** of the access level of the passing person

RESULT

A whole new level of security and the personalized access. There is no possibility of entering using someone else's pass card

There are no more problems with finding a pass card and congestion at the turnstiles during rush hours

Prompt notification of security service operators, **generation of reports** on violation of access regulations. Obtaining **an objective assessment of compliance with the policies** without spending much time on it

What does the Id-Gate user get?



01

EASY connection
to existing **ACS**

02

RELIABLE access for employees
and visitors

03

MULTI-FACTOR authentication

04

SMOOTH AND EFFICIENT
people flow at the entrances

05

CONVENIENT guest
access

06

CONTROL of wearing masks &
temperature measurement of
visitors

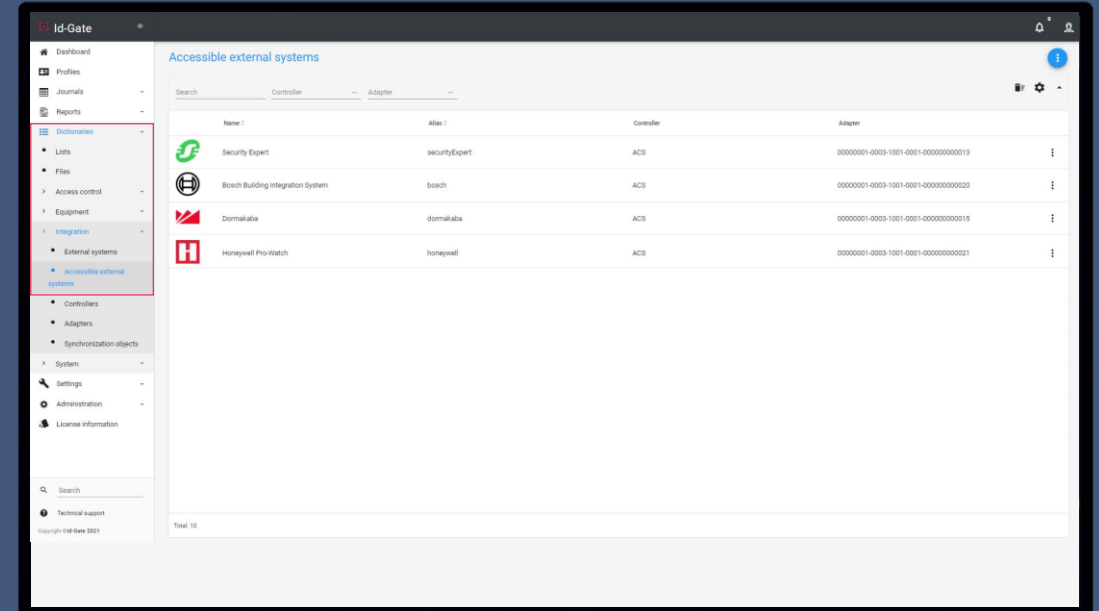
Solution advantages

- **EASY CONNECTION TO EXISTING ACS**

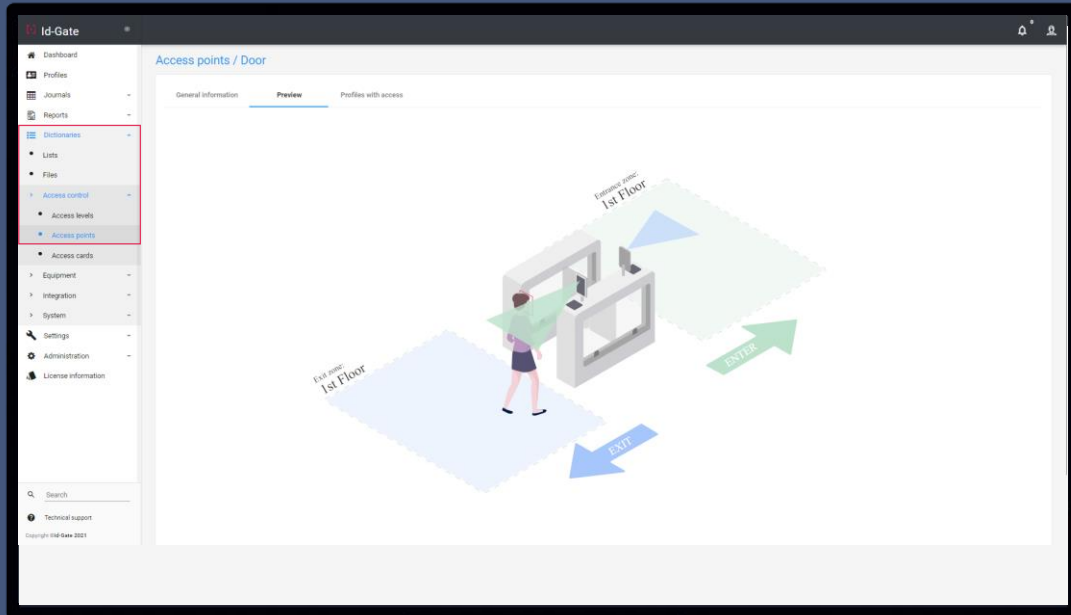
- Ready-to-use integration with **Bosch, Honeywell, Lenel, Schneider Electric, dormakaba** and the list is constantly being expanded
- Certified integration modules available in the box
- Profile, list and data exchange
- System data exchange
- Real-time synchronization between systems

- **EASY INSTALLATION**

- Plug & Play installation
- No high skills required
- The solution can be installed by the customer's own specialists
- Training and certification available
- Detailed installation and customization instructions



Solution advantages



- **RELIABLE ACCESS FOR EMPLOYEES AND VISITORS**

- Access only for individuals who received RFID identifiers
- Instant notification sent to operator in case of mismatch
- Access without identifiers

- **MULTI-FACTOR AUTHENTICATION**

- Increasing the level of site security
- Access by RFID tag and face
- QR and Facial access
- PIN and facial access
- Multiple Access
- Flexible configuration depending on access zones

Solution advantages

- **SMOOTH AND EFFICIENT PEOPLE FLOW AT THE ENTRANCES**

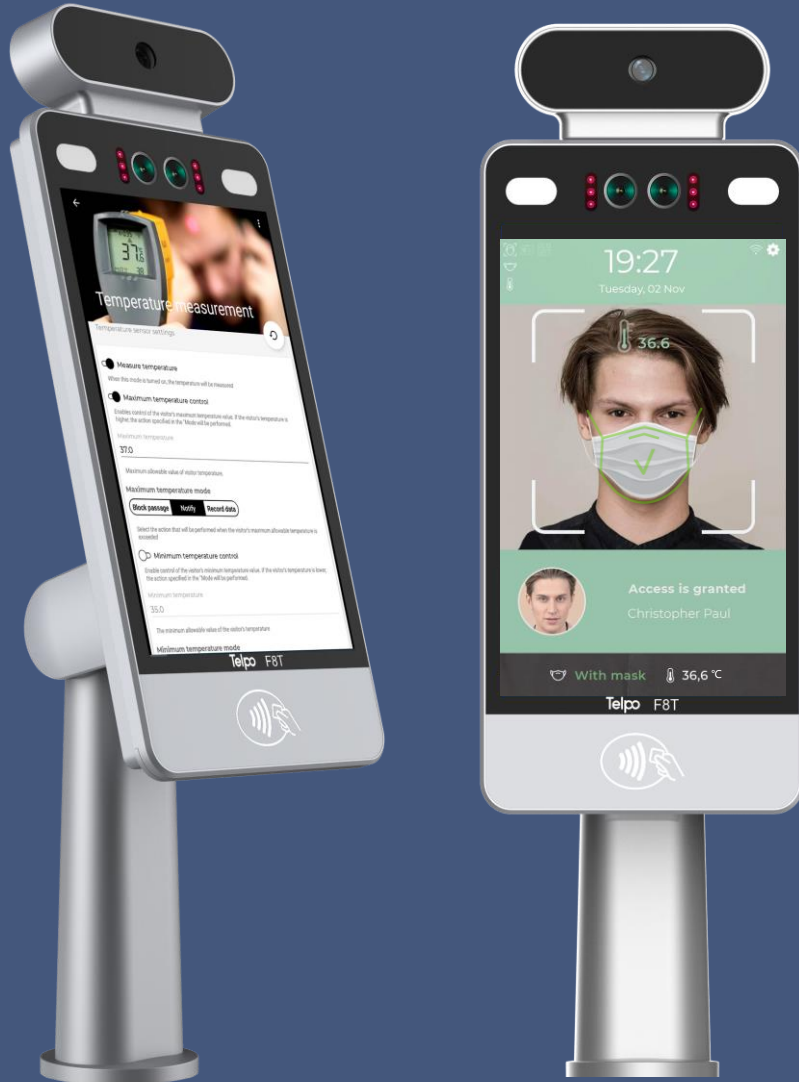
- Smooth and touchless verification
- No need for RFID cards
- Reduces queues at gates during rush hours

- **CONVENIENT GUEST ACCESS**

- Uploading photos by demand
- Providing facial guest access
- Reducing time and queues at the badge bureau
- Comfortable non-contact entry for the visitor
- No need to disinfect guest cards



Solution advantages



- **BODY TEMPERATURE AND MASKS CONTROL**

- Temperature control module
- Automatic control of compliance with mask mode
- Automatic logging
- Alarm messages in case of violation
- Automatic passage blocking in case of violation

- **FACIAL RECOGNITION IN MASKS**

- High accuracy of facial recognition in masks
- Reliable face detection whether the mask is present or not
- Self-learning system and automatic adaptation to changes
- Continuous improvement of algorithms and accuracy

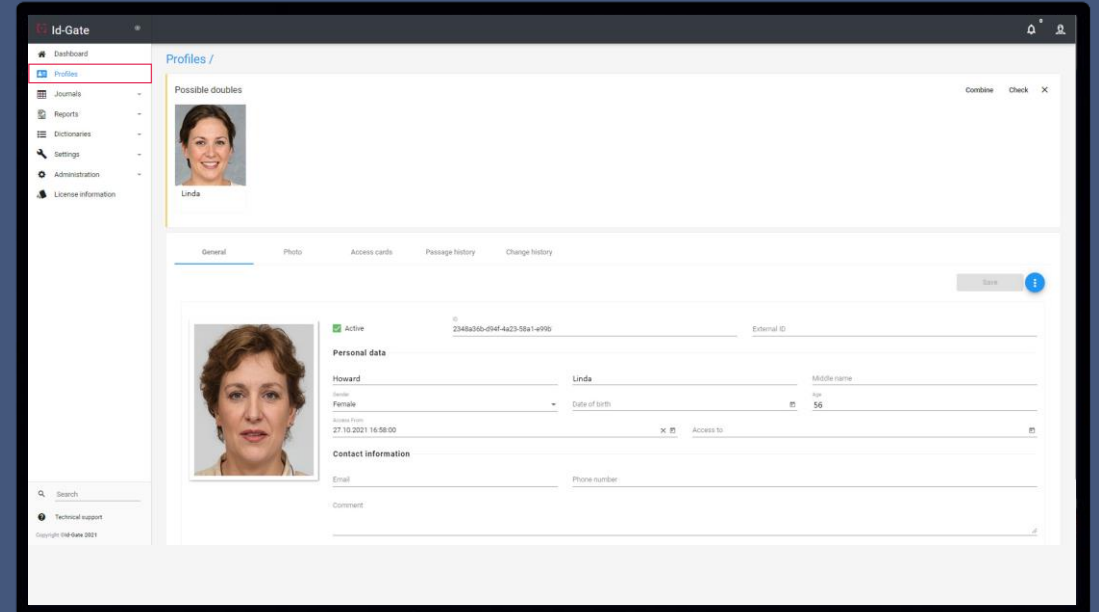
Solution advantages

- **PROFILE DUPLICATION CONTROL**

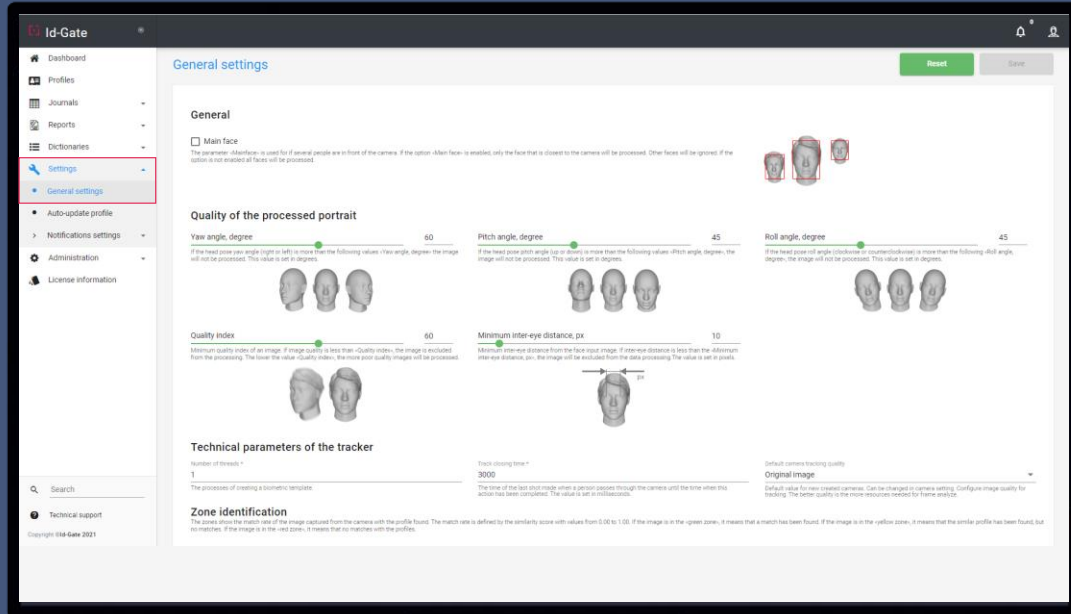
- Automatic profile uniqueness control
- Operator warning in case of a duplicate
- Convenient tool for duplicates merging
- Automatic changes logging

- **AUTOMATIC PROFILE UPDATE**

- Self-learning solution during operation
- Upload new photos to profile automatically
- Replace irrelevant photos automatically
- Always up-to-date profile photos
- Recognition accuracy grows while in use



Solution advantages



- **FLEXIBLE SYSTEM SETTINGS**

- Wide range of default settings "out of the box"
- Convenient and simple interface for fine-tuning.
- Wide range of fine-tuning settings to adjust to the facility's specific requirements
- Highlighted tips and more detailed documentation
- Automatic verification of entered data
- Human error reduction

- **FLEXIBLE NOTIFICATION SYSTEM**

- Wide range of events processed
- Unlimited number of notifications
- Customizable events through Email, SMS and operator screens
- Customizable notifications by user groups and individually

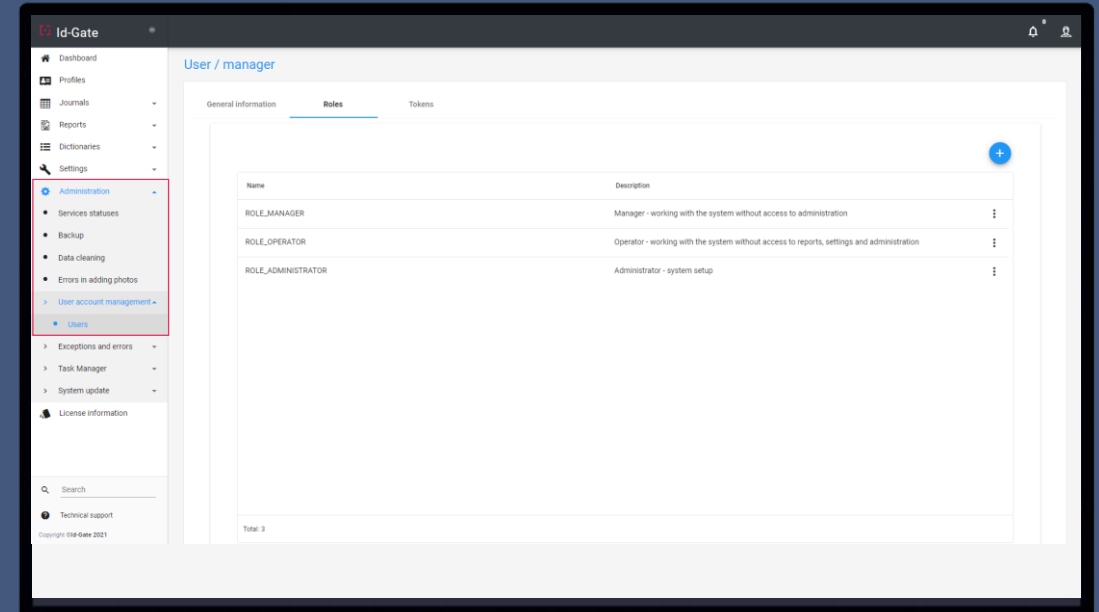
Solution advantages

- **ROLE MODEL**

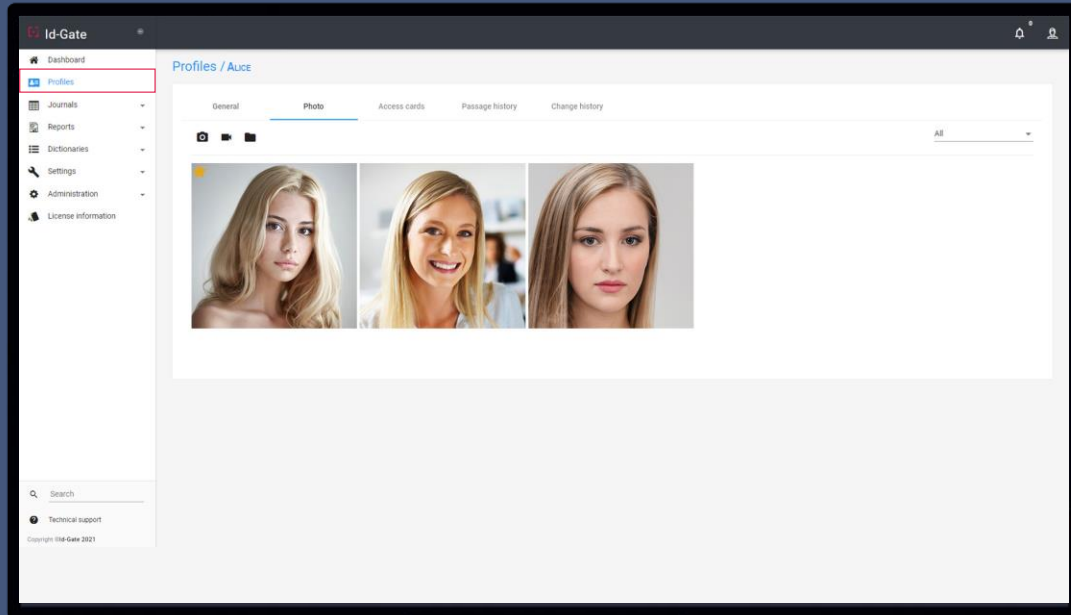
- Role-based user rights management
- Flexible customization of access to dictionaries and solution functions
- Rights configuration for groups and individual users
- Centralized management of data access policies

- **AUTHORIZATION THROUGH ACTIVE DIRECTORY**

- Integration with Active Directory
- Centralized management and access control



Solution advantages



- **HIGH LEVEL OF DATA PROTECTION IN THE SOLUTION CORE**
 - Private data, biometric profiles and photos are stored separately
 - Data is stored encrypted
 - Only biometric profiles are processed
 - Data exchange between solution components is encrypted via https and wss protocols
- **TERMINAL DATA PROTECTION**
 - Only biometric templates and access lists are transmitted to terminals
 - In case of theft of the terminal, it is impossible to restore photos from biometric templates.

Solution advantages

- **CENTRALIZED CONFIGURATION OF TERMINAL PARAMETERS**

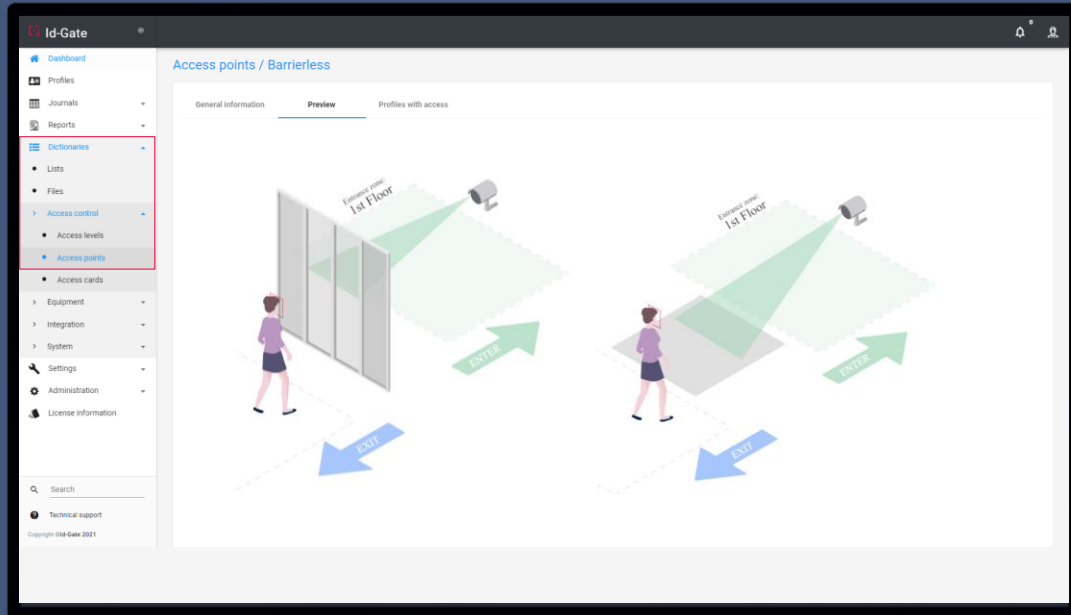
- All terminals can be configured from the GUI of the solution
- One management environment for all available settings
- Profiles, access rules and system settings can be managed
- No limit on the number of terminals

- **TERMINAL AUTONOMOUS OPERATION**

- Biometric templates and access lists update on all terminals
- Real-time or scheduled updates
- Terminal operation is not interrupted if the connection is lost
- When the connection is restored, all access information is sent to the Solution server



Solution advantages



- **VIRTUAL ACCESS CONTROL POINTS**

- CCTV cameras can be used in ACS
- Access control points without barriers
- Control of the use of someone else's access card
- Instant notification of incidents to the operator
- Instant notification of incidents to access control and other systems

Functional benefits



EASY connection to ACS



MULTI-FACTOR
authentication



Body temperature and masks
CONTROL



EASY installation



SMOOTH AND EFFICIENT people
flow at the entrances



Facial **RECOGNITION** in masks



RELIABLE access for employees
and visitors



CONVENIENT guest access



Profile duplication **CONTROL**



AUTOMATIC profile update



FLEXIBLE system settings



FLEXIBLE notification system

Technological benefits



DATA PROTECTION



POLICY of rights based on roles



AUTHORIZATION through Active Directory



CENTRALIZED MANAGEMENT OF TERMINAL SETTINGS



ANY Android terminal



Information **SECURITY** of terminals



AUTONOMOUS terminal operation

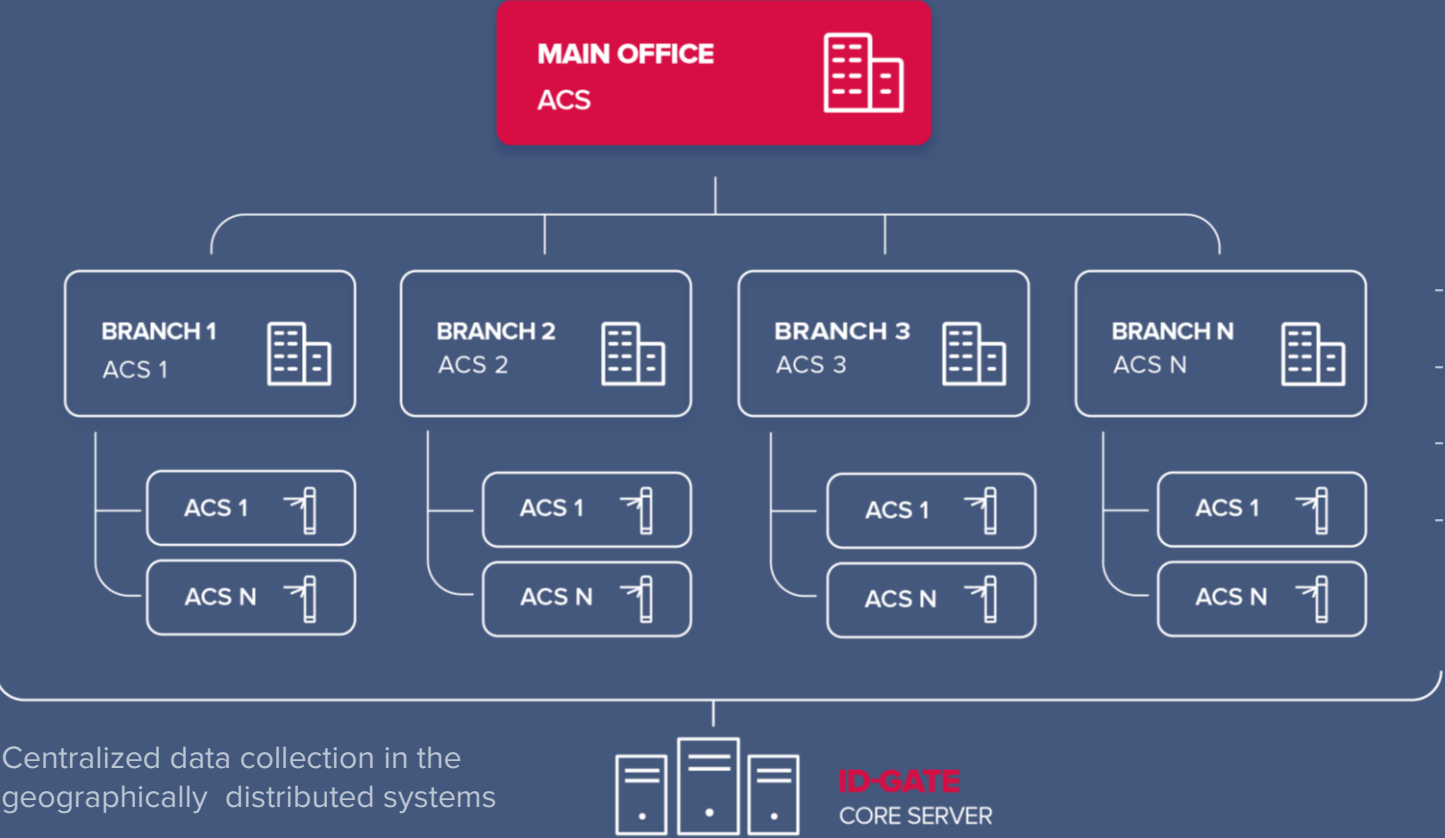


VIRTUAL access control points



Convenient and detailed documented **API**

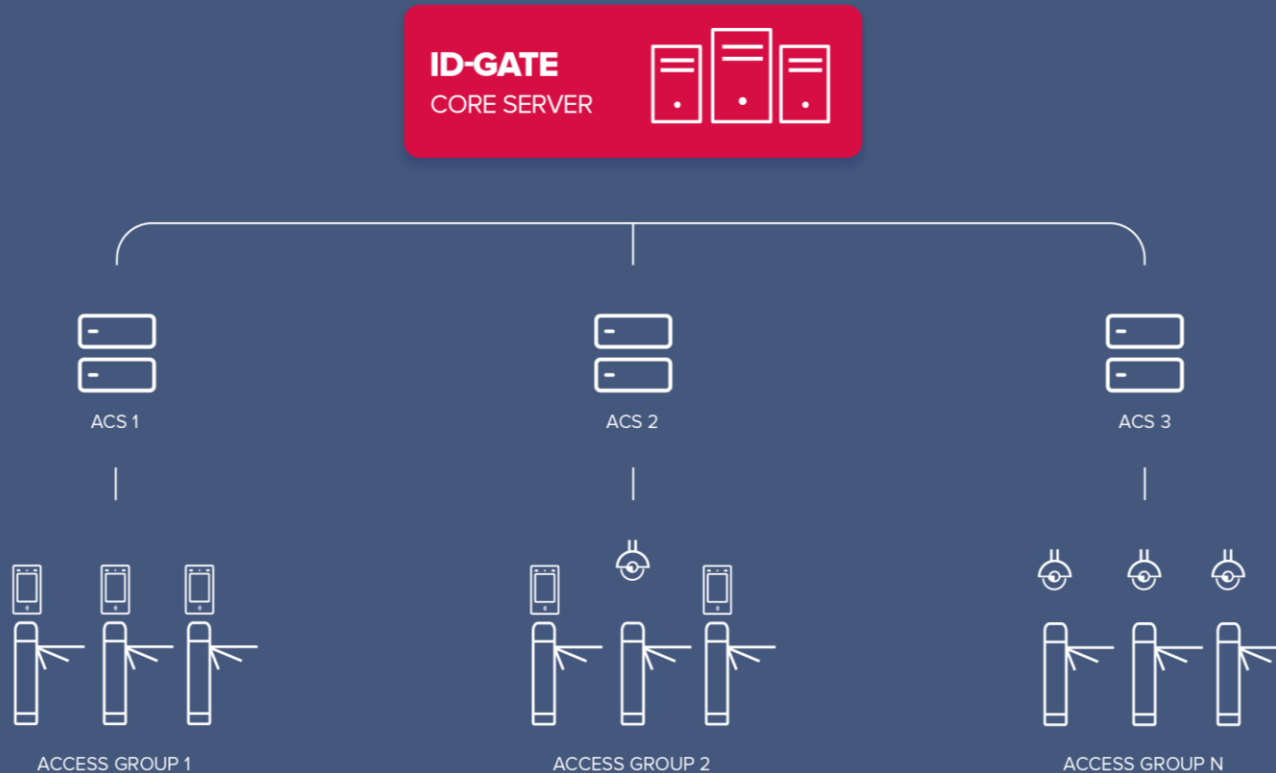
Centralized data collection for distributed systems



- The solution is suitable for local and geographically distributed ACS
- Automatic data exchange with integrated ACS in real time
- Automatic sending of data to the head management systems of the organization (WFM, ERP)
- Universal CSV data exchange format

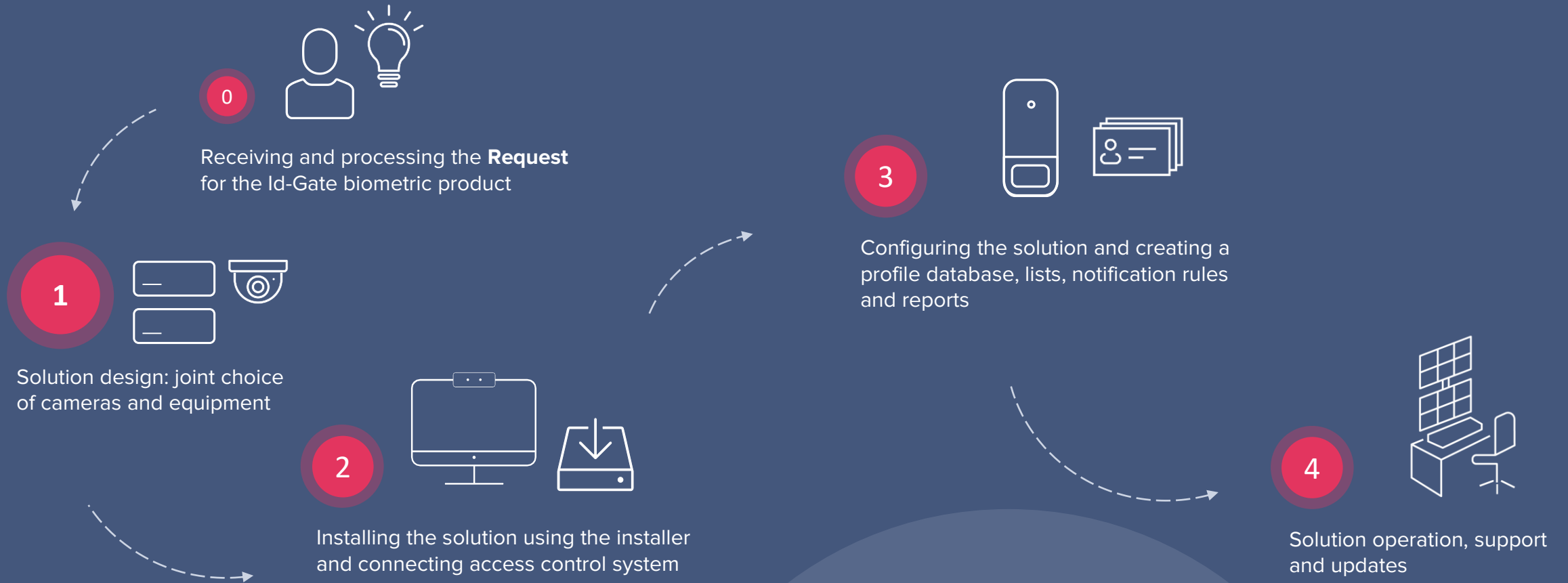
Centralized data collection in the geographically distributed systems

Connecting several separate ACS to a single solution core



- Connecting several ACS from different manufacturers to the core of the Solution
- Centralization of information from several disparate ACS
- Extending the rules and policies from one ACS to the rest
- Automatic sending of aggregated data to other client systems (WFM, ERP, etc.)
- Universal data exchange format in CSV format

The cycle of a successful project



Id-Gate
installation takes
20 minutes

Licensing Policy



Profile database

License for the system core
with a profile database



Source of obtaining biometric data

License for each source of biometric
data, biometric terminal



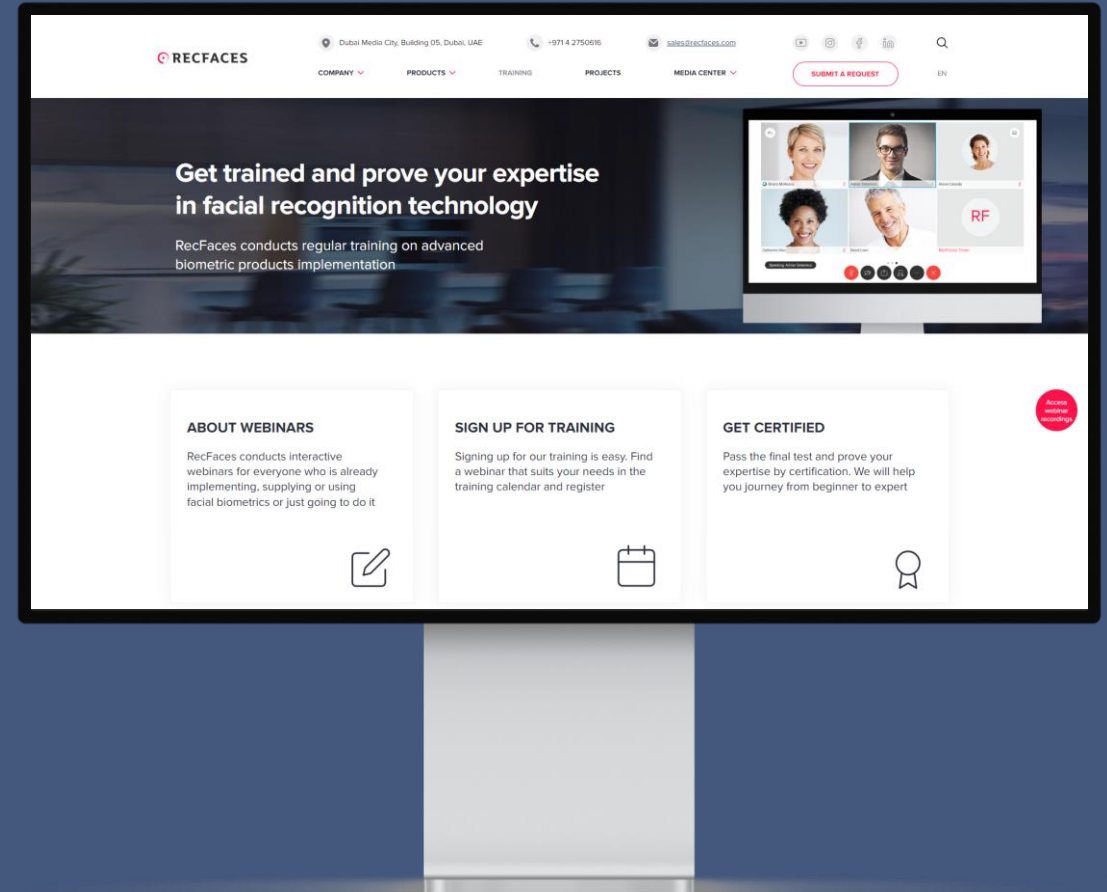
Technical support

Certificate for technical support
and updates

We share our experience in implementing biometric projects

The advantage of the Id-Gate webinar:

- **Free participation** and feedback
- **Certificate** upon the course completion
- **Live broadcast** and demonstration in real-time
- **Providing the materials:** recordings, presentations, tests
- **Demo license**



Demo license



3 months



**Up to 3 biometric
sources
and 1000 faces**



**Full
functionality**

Course structure

Lecture 1. Sales.

Introduction to Biometrics

General overview of the biometric solution. The purpose of the course is to introduce the partner to the biometric product and the mode of its application

Lecture 2. Pre-sale.

Product Webinar

The webinar is the second part of the product course. It introduces the partner to the solution interface, gives a deeper understanding of the product and its advantages

Lecture 3. Technical.

Administration and fine-tuning

The final part of the product course is devoted to the technical issues of configuring the solution. The user will be able to install the product independently and maintain its operation as a result of the course

Application Areas

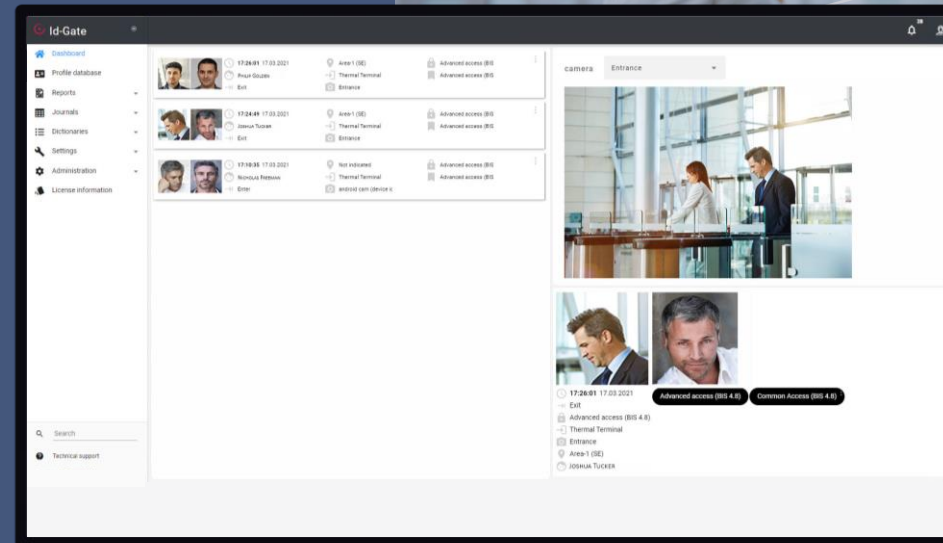
Financial and educational institutions, health care and transportation infrastructure, multifunctional centers, business centers and offices

Tasks:

- **Increasing** the level of enterprise security due to personalized access for employees and visitors
- **Easy** contactless access using a face recognition terminal in 1 second
- **Increasing** the throughput of entrance groups during rush hours up to 30 people per minute through 1 turnstile
- **Automatic notification** of the security service about the detection of an unauthorized person in an area with high-security area
- **Simple and fast** connection of existing access control systems integrated with Id-Gate
- **The ability to connect** to Id-Gate several access control systems from different manufacturers at geographically distributed security facilities for centralized collection of information about access events



Joshua Tucker
List: client
Date and time of passage:
05.07.2020 10:29:37



Id-Gate

- Dashboard
- Profile database
- Reports
- Journal
- Dictionary
- Settings
- Administration
- License information

Profile	Date	Area	Terminal	Access
Priscilla Guzman	17.03.2021	Area 1 (DE)	Thermal Terminal	Advanced access (RS 4.0)
Joshua Tucker	17.03.2021	Area 1 (DE)	Thermal Terminal	Advanced access (RS 4.0)
Not assigned	17.03.2021	Area 1 (DE)	Thermal Terminal	Advanced access (RS 4.0)
Not assigned	17.03.2021	Area 1 (DE)	Thermal Terminal	Advanced access (RS 4.0)

camera Entrance

17:26:01 17.03.2021
EXIT
Advanced access (RS 4.0)
Thermal Terminal
Entrance
Area 1 (DE)
Joshua Tucker

About RecFaces company

Pool

Of ready-made biometric products

Among the first

Developed biometric software products in the world

More than 200

Installations around the world



International projects

The airport in Kenya, Shopping centers in Brazil and Peru, Stadium in Australia, Metro in Thailand, and many others

Team of experts




Developers, technical engineers and analysts with more than 15 years of experience in IT

Integration with leading vendors

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