case study

Biometric Contactless technology with Body Temperature Measurement

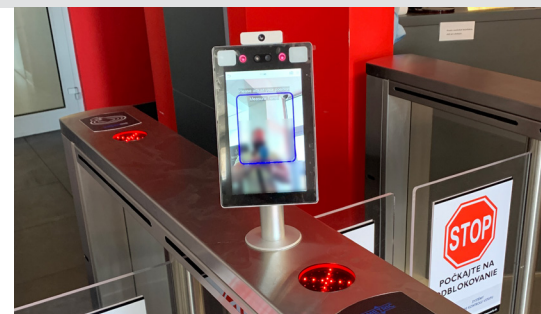| Industry	Location	Solution
Television station	Slovakia, Europe	Contactless Access Control

the challenge

The objective of this project was to provide advanced access control and security solutions to a local TV station in Slovakia. The buildings premises are accessed daily by approximately **1,000 employees** and an estimated number of 2,000 visitors per day. The company required an access control system for identity verification purposes of employees, visitors and authorised personnel on the premises of the TV station.

The client also required **additional automated body temperature screening** for access control of people entering the area, as manual temperature measurement was proven inefficient.

Our partner

The company **BIOMETRIC, spol. S r. O.** was established in 2007. Since its establishment, it has been constantly growing. In addition to Slovakia, it also operates in other Central European countries. Their primary focus is on providing time attendance and access control systems, consultation as well as deployment security and camera systems.

About TV JOJ

TV JOJ is a commercial free-to-air television station in Slovakia, which belongs to the portfolio of the JOJ Group television group. JOJ Television began broadcasting on March 2, 2002, entering the world of media in 2000, originally as TV Global.

the project

To enhance access control security on the premises of the TV station, our partner integrated different systems to improve the protection of both TV employees and visitors.

Employees

Employees are pre-registered with their personal information and RFID cards for access control security.

> 🗝 **Manual temperature measurements were proving inefficient so we required automated solutions.**
>
> Vladimir Galajda - BIOMETRIC s.r.o.

Visitors

All **visitors** are required to perform registration before entering the building's premises. To obtain precise access control data and registry information, OCR (optical character recognition) registration of visitors has also been enabled and deployed. All visitors' ID documents are recorded to keep a record of their visit. With a connection to our partner's software, all visitors' information can be efficiently saved and centrally managed. ZKTeco provides complete security solutions, offering full support and seamless integrations with 3rd party software to enable flexible and customized management solutions for every project.

the system elements

To achieve the objectives, ZKTeco's **C3 Pro** and **inBio Pro** access control panels have been installed with 60 units of **KR611D** RFID readers, to prevent user's bodily contact when entering or exiting the building's premises.

2 units of **Proface X [TD] CH** in combination with RFID readers **KR611D** were integrated into 3rd party turnstiles, from a previous installation, in the main entrance of the building. By enabling two-lanes for entrance control, each lane measures the user's body temperature when accessing the building, monitoring and detecting any abnormal temperature. The client decided not to measure the exit temperature.

x2

ProFace X [TD] CH

Face & Palm Verification terminal with Body Temperature Detection

x24

inBio Series & C3 ProSeries

Advanced Access Control Panels for biometric and RFID readers

x60

KR611D

Waterproof RFID external reader