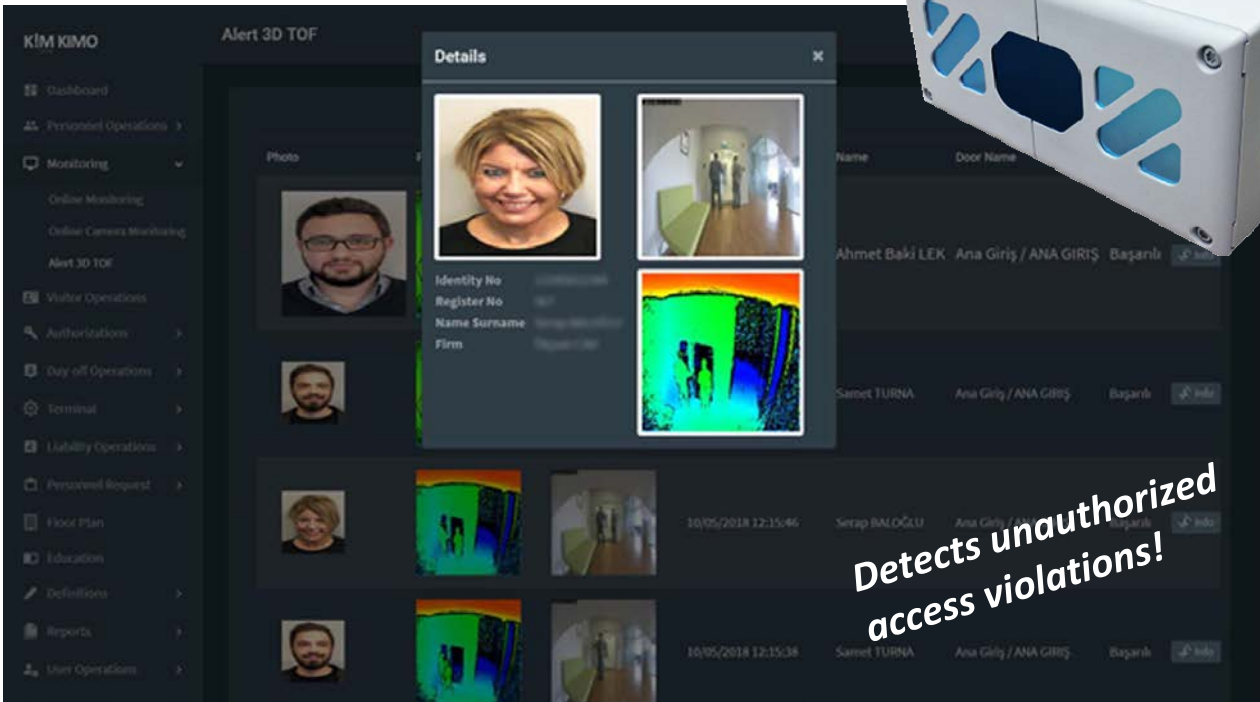# FalconEYE

**Intrusion Detection Platform**

# ACCESS CONTROL
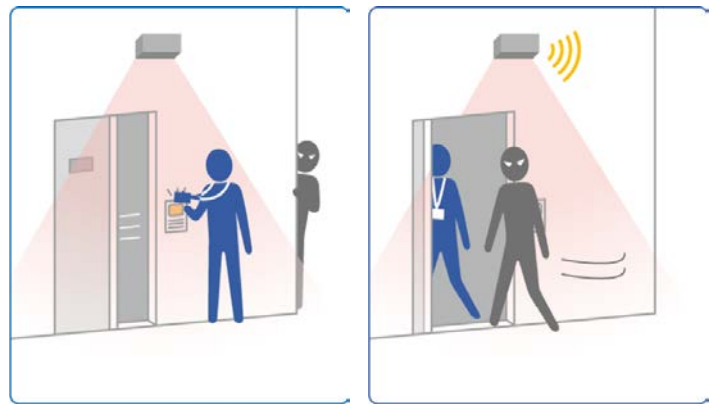
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# Intrusion Detection

Most high-risk access control entry points do not have full security although they may have integrated secure smart card and/or biometric equipment. Sensitive areas are classified as an uncontrolled entrance by means a card holder can gain access via a door, enabling others to potentially enter without authorization.

The FalconEYE 3D platform has been developed to eliminate this type of security breaches and prevents tailgating and piggybacking. The platform also provides secured access from an open area in addition to head counting.



*Detects unauthorized access violations!*

## Features

- Additional extra security layer to the AC System
- Detects people and objects
- Usage of 3D & Time of Flight
- 3D modeling of the scene and objects
- WEB based user interface, ergonomic design
- Integrated IP camera support; showing video or still frame of the card holder and the additional non-accredited person/s
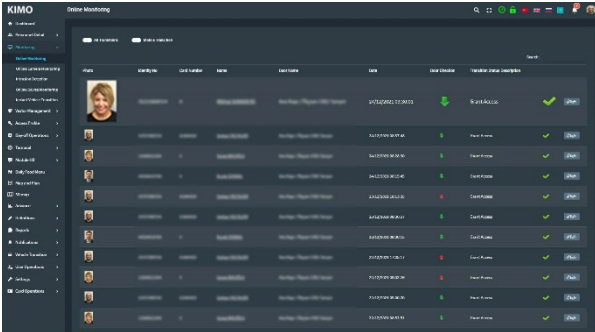


## Scope of application:

- Data Centers
- Public Buildings
- Hospital and Health Centers
- Chemical Facilities
- Research Institutes and R&D Centers

- Nuclear Facilities
- Defense industry
- Banking and Insurance
- Transport and Transportation

# Access Control Support

By integrating with KIMO Access Control software, it provides additional security support to all your institution's entry/exit security. It detects uncontrolled access during personnel and visitor access within the institution, records them in real time and manages them end-to-end.



*Online monitoring – dark theme*

**Online Monitoring**

Online monitoring allows to monitor real time entry and exit of the personnel and visitors.

Security officer can monitor related persons data on the screen.

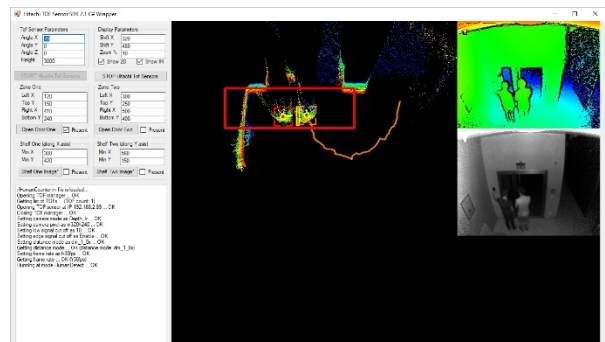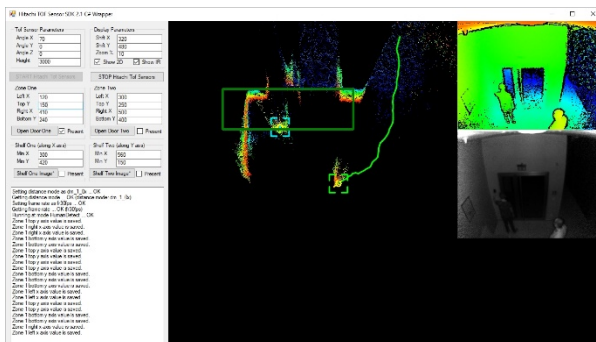## Technology: 3D-LIDAR (Tof) Motion Sensor Platform

With the Online Camera Monitoring module, all the entry/exit of the personnel and the visitors are displayed via the camera feed, and the uncontrolled and unauthorized passes are detected.
The Hitachi 3D-LIDAR (ToF) Motion Sensor Platform calculates movement and provides data in real time using infrared beam technology. The measurement is based on the time it takes light to travel to the object and back to the sensor, or the "time of flight" (Tof).
Various edge analytics libraries are available for evaluation and customization.







### Functions

- Anti tailgating
- Anti piggy back
- Unauthorised entry / exit
- Head counting
- Alarm generation
- Integrated maps and layouts
- Event monitoring
- Mobil device support

### Advantages

- Easy to integrate to 3rd party AC systems via SOK and API
- Additional security layer for mission critical infrastructures

# FalconEYE Licensing

With FalconEYE, we offer flexible licenses answering the requirements with different options and modules.

| FalconEYE Modules | Lite | Basic | Professional | Enterprise |
|---|---|---|---|---|
| Tailgating | ✔ | ✔ | ✔ | ✔ |
| Piggybacking | ✔ | ✔ | ✔ | ✔ |
| Intrusion/exit detection | ✔ | ✔ | ✔ | ✔ |
| Alarm generation | ✔ | ✔ | ✔ | ✔ |
| Head counting | - | O | ✔ | ✔ |
| Integrated map and plan | - | O | ✔ | ✔ |
| Event Monitoring | - | O | ✔ | ✔ |
| Mobile Device support | - | - | ✔ | ✔ |
| Multi-sensor support | - | - | ✔ | ✔ |
| Camera integration | - | ✔ | ✔ | ✔ |
| Data Transfer (SQL, Excel) | - | - | ✔ | ✔ |
| Integrated Face Recognition | - | - | O | ✔ |
| 3D Map | - | - | O | ✔ |
| PoE | ✔ | ✔ | ✔ | ✔ |
| **Supports** | | | | |
| Web User Interface | ✔ | ✔ | ✔ | ✔ |
| Multiple Monitor Support | - | - | ✔ | ✔ |
| KIMO integration Application | - | O | O | ✔ |
| Reader License Support | 1 | S | S | S |

*O=Optional: Selected by the customer.*

*S=Selective: The customer should choose according to the number of readers.*

## Supported Product List:

H·L Data Storage



HLS-LFOM3                    HLS-LFOM5A                    HLS-LFOM5                    HLS-LFOM1

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