

Product Brochure

One Platform for Detection,  
Identification, and Search

# IDIS FaceTracker

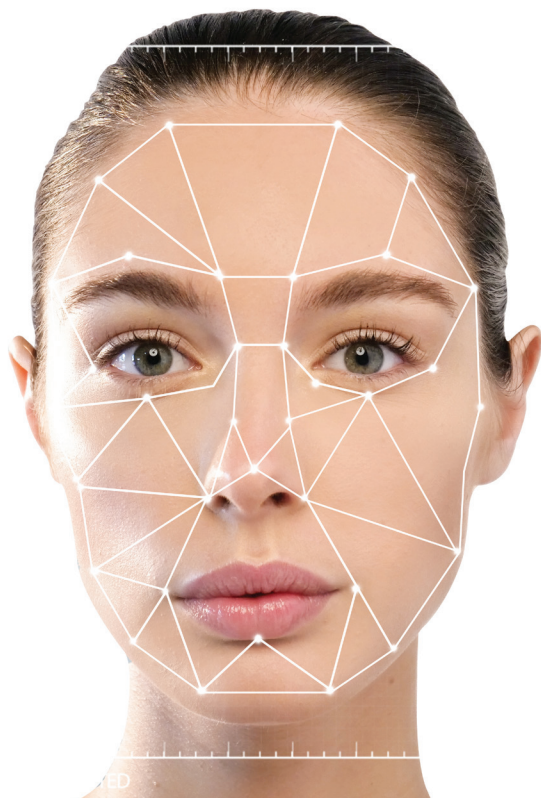
FaceTracker uses unique face authentication technology to accurately and quickly identify and detect people through video surveillance. FaceTracker empowers organizations as never before optimizing customer service, strengthening security, and reducing losses.

Simple and Affordable Facial Recognition to Fit  
Your Business

- ✓ Perfect for Small to Mid-sized Businesses
- ✓ Leverage Existing Surveillance Investments
- ✓ Industry Leading Accuracy and Speed
- ✓ Lower Cost with No Maintenance Fees

**IDIS**® One Solution.  
One Company.

## FEATURES



### Enroll faces quickly and easily

IDIS FaceTracker autodetects faces in video footage, making it simple and intuitive to select and register staff or persons of interest. (Also supports photos and third-party video.)

### Recognize faces on-the-move

IDIS FaceTracker quickly analyzes and identifies registered persons, even as they walk through the camera's field of view.

### Identify multiple people simultaneously

IDIS FaceTracker can simultaneously identify up to five people per camera.

### Build on existing surveillance systems

IDIS FaceTracker can integrate with IDIS NVRs, leveraging the convenience and intuitiveness of an existing installation.

### Receive alerts and notifications in real time

IDIS FaceTracker alerts users in real-time when persons of interest are identified, sending notifications to PCs, mobile devices, or third-party systems.

## VERTICALS

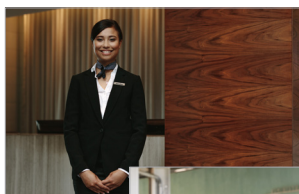
### Retail

Automatically spot, welcome, and reward loyal customers and VIPs to optimize the shopping experience. Improve loss prevention by quickly identifying shop lifters and taking preventative action across individual stores and entire retail chains.



### Hospitality

Enhance concierge services for VIPs such as priority check-in, facilitate faster queue management and provide a personalized experience.



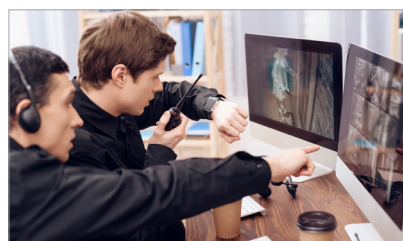
### Education

Optimize school safety and security with quick identification and real-time alerts regarding visitors previously banned or restricted from campus.



### Law Enforcement

Save precious time and cut costs by quickly searching large volumes of video data to identify persons of interest from post-event video, enabling investigators to quickly piece together where suspects have been seen over time and at different locations.







## Event Venues

Detect known hooligans and troublemakers at venues and festivals and alert security personnel in real-time.



## Gaming

Meet industry requirements and obligations by supporting self-exclusion programs and alert security operatives to persons of interest in casinos and betting shops.



## Assisted Living

Improve safety and security and ensure responsible care with real-time alerts to staff regarding roaming residents or banned visitors.



## FACE AUTHENTICATION TECHNOLOGY

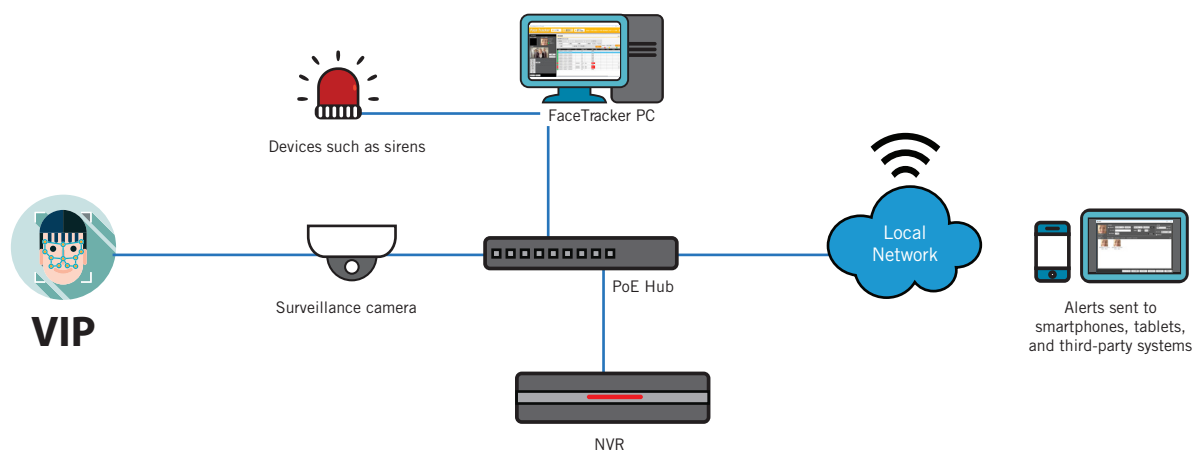


Accuracy  
**95%**

IDIS FaceTracker acquires dozens of feature points from the brow, eyes, nose, and mouth, from digital media including still images and video, converting them into a numerical model. Using custom algorithms and high-speed processing, IDIS FaceTracker tracks and analyze faces in live or prerecorded video streams, authenticating them against stored faces with 95% accuracy.

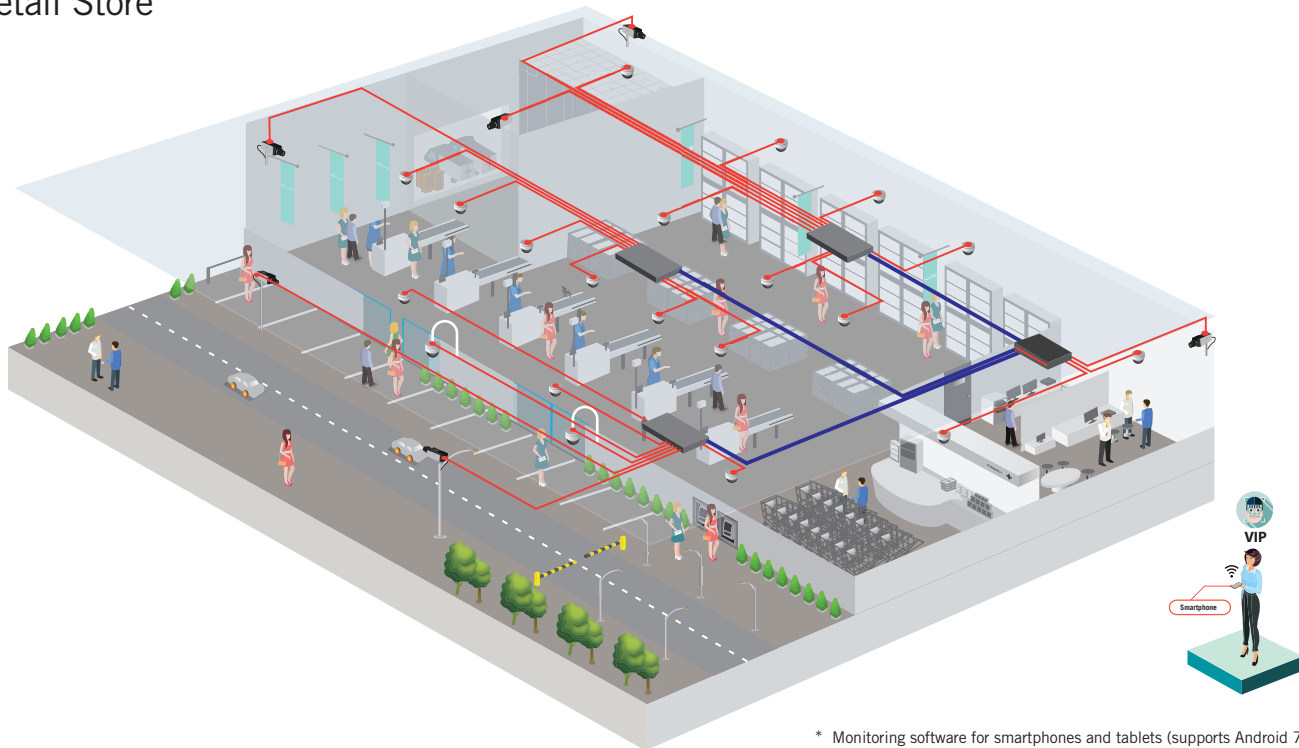
## SYSTEM DIAGRAM

IDIS FaceTracker Process: Register > Monitor > Match > Alert > React



## SAMPLE DEPLOYMENT

### Retail Store



- \* Monitoring software for smartphones and tablets (supports Android 7.0 and above)
- \* Notifications can be sent to up to 30 devices

## SOFTWARE

The IDIS FaceTracker application was designed with the end-user in mind, providing an intuitive, easy-to-use interface for face enrollment and person-of-interest tracking.



## SPECIFICATIONS

|  |   |
|--|---|
| Maximum number of cameras              | 4 (per FaceTracker computer)  |
| Face detectable size                   | 60 x 60 pixels<br>90 x 90 pixels (recommended)                                |
| Number of simultaneous identifications | 5 people (per camera)   |
| Maximum number of registrations        | 10,000 (recommended)  |
| Frame rate                             | 10 to 15 fps (recommended)  |
| Resolution                             | 1280 x 720  |
| Face alignment                         | Within 10 degrees Up/Down (optimal)<br>Within 30 degrees Left/Right (optimal) |
| Video codecs supported                 | MJPEG, H.264  |

IDIS\_1904\_v1.0

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