

6SS GetFace® is a facial recognition software that extracts and identifies facial features from IP cameras. The software runs as a server-based solution to provide real-time facial capture and statistical reports enabling users to analyze and make informed decisions based on the captured data.

The software integrates with the Milestone XProtect Plus family and provides full autonomy access control through the XProtect Smart Client interface. This integration allows users to manage access control based on facial recognition and enhance their overall security system.

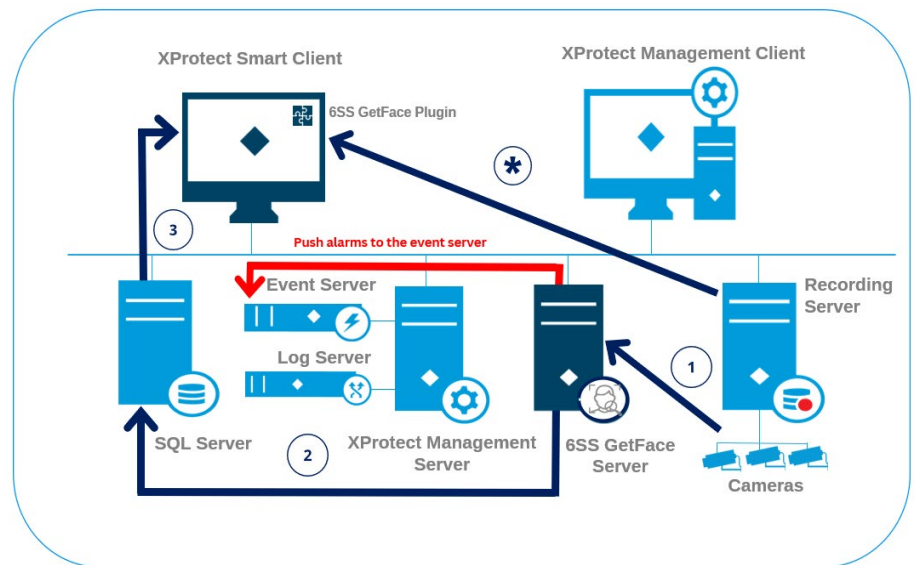
6SS GetFace® helps organizations to make more informed decisions by providing valuable insights into the facial data captured by their IP cameras.

Data Flow

1. CCTV Cameras send RTSP streams to 6SS GetFace® Server. The Cameras should support RTSP Protocol
2. 6SS GetFace® Software performs the Facial Recognition. The results from the 6SS GetFace® Server are stored in the SQL database.
3. The Smart Client retrieve data from The SQL database and handle the alarms triggered when an individual is matched with a Blacklist or a Whitelist on the Event Server.

*The Recording Server maintains a direct connection with the Smart Client for any Video inquiries.

*Alarm generated from 6SS services to the event server.



Functionality

6SS GetFace® is an AI-driven video analysis application using computer vision to identify individuals and objects through existing IP cameras. The software processes RTSP streams from cameras to compare facial features against a predefined database, sending alerts if a blacklisted face is detected. It includes the Human/Vehicle Detection module, which enables real-time detection, classification, and movement tracking of people and vehicles.

Integrated with the XProtect Plus suite, 6SS GetFace® provides detailed metadata and alerts related to detected individuals, and objects, enhancing security and intelligence capabilities.

Main Benefits

- A Cost effective solution.
- User-friendly interface and easy configuration.
- High Processing speed saves time and improves efficiency.
- Prioritizes security and provides awareness of the surrounding area.
- Multiple applications and use cases.
- Automatic matches to the watchlist(s).
- Face Classification using Black and Whitelists.
- The software can be customized to meet the customer requirements.



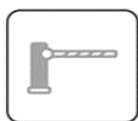
6SS GetFace® Features

- Uses RTSP Protocol.
- Simultaneous processes multiple faces (Up to 5 Faces).
- Face matching capability.
- A Full Image and Thumbnail display.
- Blacklist alarming capability.
- One-click data export in Excel and PDF format.
- Flexible filtering functionality.
- Search by image.
- Support Microsoft SQL Express, Standard, and Enterprise editions.
- Automatic data retention period handling.
- Seamlessly integrated with all Milestone XProtect versions.
- SQL Retention Period.

Additional Features

- Age Estimation
- Glasses Detection and Dark-Glasses Detection
- Beard Detection and Mustaches Detection
- Smile Detection and Mouth Open Detection
- Blink Detection
- Gender Classification
- Face Mask Detection
- Image Quality Determination
- Emotion
- Ethnicity
- Clothing Details
- Direction Details
- Type Details
- Color Details
- Age group details
- People Counting
- Crowd Detection

Applications



Access control



Law enforcement



Airport and harbor logistics



Gated communities



Video analytics



Smart city ITS systems

Business Value

Facial Recognition software comes with many benefits to businesses, especially in the security and public safety realms. It is often used to enhance these two sectors with comprehensive intelligence, security, and investigative capabilities. The data derived from 6SS GetFace® is designed to produce actionable intelligence to help law enforcement, managers, and administrators to understand and respond to incidents.

The software can be used to investigate a crime or find a missing person in addition to provide identity authentication for intelligent access control without the need for physical contact or a key or ID which can be lost or stolen. Fast and error-less identification of a person's identity by using a video stream will reduce the time and manpower which is needed for manual identification. In addition, the detection accuracy will assure error-free input which will lead to higher security, automated alarming, and decreased labor cost.