



SecurOS™ Face

Face Capture And Recognition

SecurOS™ FACE is an intelligent image analytics module for the SecurOS video management platform, which provides capture and recognition of faces from a video stream. SecurOS™ FACE is a class leading solution with active recognition where subjects know their image is being captured or passively, where they do not have knowledge of such surveillance.

SecurOS™ FACE operates with a high accuracy level in a wide variety of challenging conditions and as such, is ranked among the most accurate of all Face Recognition systems in the marketplace. The reason for such a high-level of accuracy has to do with the background of ISS in image analytics technology, and the related expertise with advanced algorithms, which then identifies and matches an individual's specific features with relentless attention to every detail. As a Video Analytics / Biometrics Module, **SecurOS™ FACE** images can be archived in a database for real-time identification.

SecurOS™ FACE can further be used only in face capture mode as an effective smart search tool for rapid viewing of all individuals within a pre-determined area.

Technology Overview



Event/Reaction Management Robust event
Reaction management capabilities including automatic notification and integrated access control, biometrics, and other devices



Integrated with SecurOS VMS Seamlessly
works with SecurOS™ VMS as well as other SecurOS Analytics modules.



Active or Passive FCR Usage
Active recognition (where subjects know their image is being captured) or capability to passively (in which persons do not have knowledge of surveillance) recognize individuals.



Software Based Feature Detection
Automatic optimal face position, transmission & comparison means recognition overcomes changes in skin, hair, etc.



Robust Support
System can process multiple face detections simultaneously in real-time with automatic localization and capture of all persons in sight of video camera.



ISS Native Technology
SecurOS™ Face is a completely ISS-native technology, making it easy to tailor our solution as per our clients' needs.



Advanced Recognition Engine
High-accuracy comparison of multiple face samples simultaneously



Hardware-agnostic System
No specialized cameras or other hardware is required. System is hardware-agnostic.

Compatible with ISS SecurOS™ Premium and Enterprise



Applications

- Law enforcement
- Video verification of access control
- Border customs control
- Public Safety
- Person location tracking

Key Features

Simultaneous Multiple Face Capture & Recognition

SecurOS™ FACE detects, captures, and recognized multiple faces per second for effective use in crowded environments..

Smart Search

Real-time, high-accuracy comparison of two or more face samples simultaneously against Watchlist / External Databases.

Advanced Search

Search results include face capture, first and last name, time, and date of capture(s).

Watchlists

Add people and images to Watchlists and set custom alarms for matches.

DB Connectivity

Import/Export Capabilities, along with unlimited number of face capture detectors within a security network, create one centralized recognition database.

System Automation

Robust event/reaction management capabilities include automatic notification (phone, email, SMS).

Location Detection

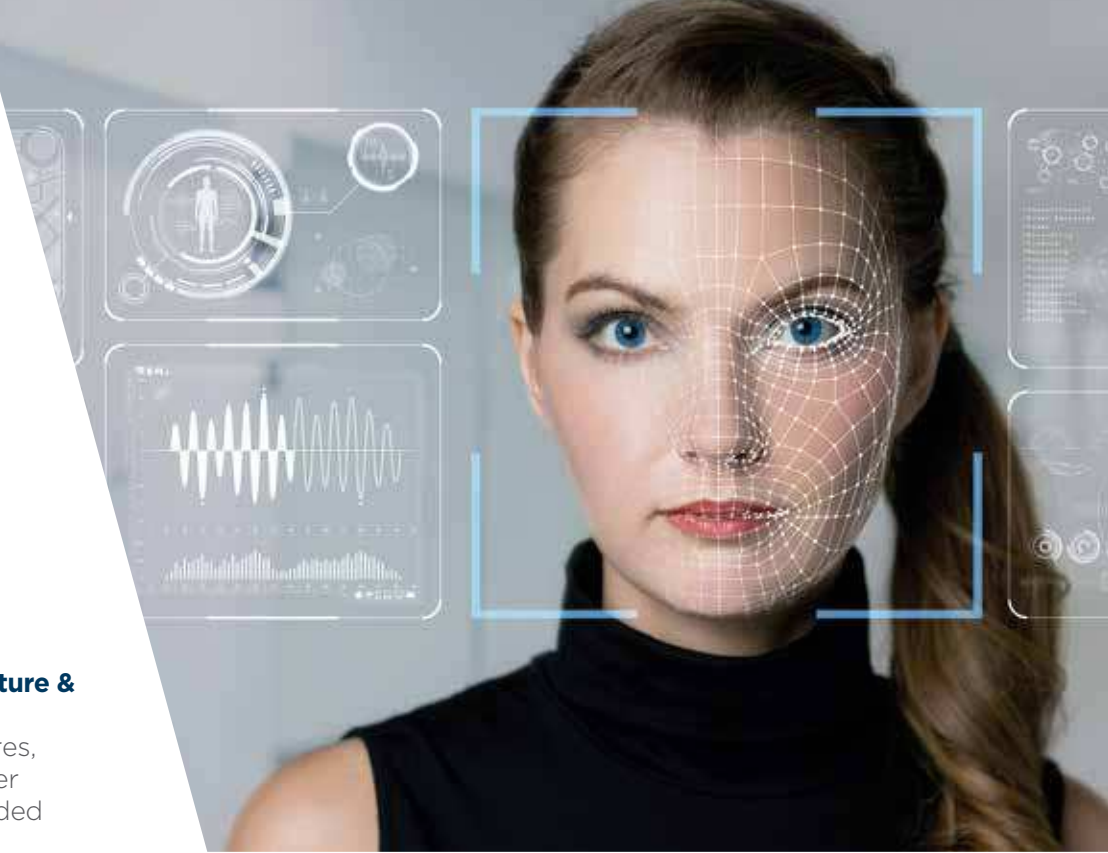
Automatic localization and capture of all persons in site of video cameras.

SDK Support

SDK available for integration with 3rd party applications.

Advanced Event / Response Management

Time schedule engine, adjustable thresholds, advanced scripting capabilities, active user response option, and alarm management.



Specifications

ISS Platform Support

Supported Operating Systems Windows 7, 10, Server 2012 R2, Server 2016 (32/64 bit)

SecurOS™ VMS version support SecurOS™ Premium
SecurOS™ Enterprise

Supported Video and Image Formats

Video Codec H.265, H.264, MPEG4, MJPEG, MxPEG

Minimal required resolution 720p (1080p recommended)

Additional Technical Data

External databases supported Any database accessible through a Web Service or an ODBC connection

System output Camera name / ID
Recognition result
Face Capture snapshot
Date /Time
Recognized person name
Accuracy Index



Aspen Corporate Park 1480 U.S. Highway North Suite 202
Woodbridge, NJ 07095
+1 (732) 855-1111

www.issivs.com | info@issivs.com