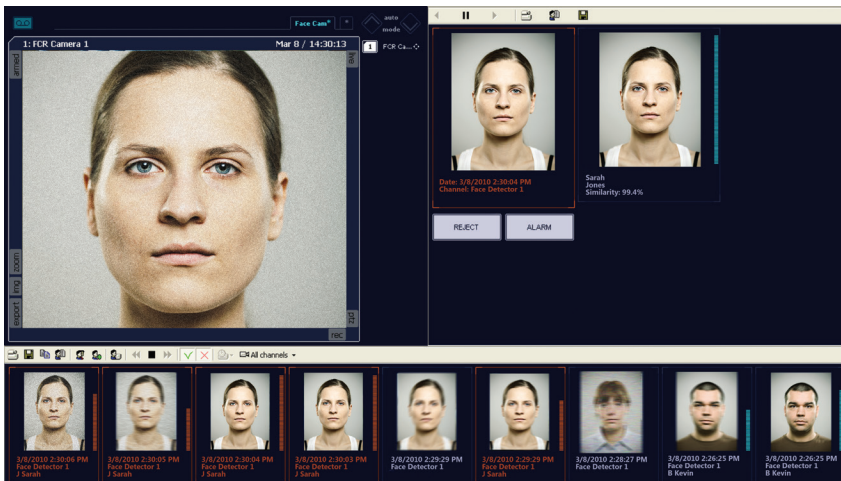




SECUROS FACE

Face Capture & 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.



SECUROS
PREMIUM



SECUROS
ENTERPRISE

Compatible with ISS SecurOS
Premium and Enterprise

Technology Overview

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.

Hardware-agnostic System

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

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

Advanced Recognition Engine

High-accuracy comparison of multiple face samples simultaneously

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.

Applications

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



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Face Capture & Recognition

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, 8, 8.1, 2008 R2, 2012 R2, (32/64 bit)
SecurOS VMS version support	SecurOS Premium SecurOS Enterprise
Supported Video and Image Formats	
IP	MJPEG, MPEG4, H.264, MxPEG
Analog	NTSC, PAL
Image formats	JPEG, PNG, BMP
Additional Technical Data	
Minimal required resolution	640 x 480 (720p recommended)
External databases supported	Any database with Windows ODBC drivers
System output	Camera name / ID Recognition result Face Capture snapshot Date /Time Recognized person name Accuracy Index

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