



# Face Recognition Alarms in XProtect

Corvo Identify® face recognition software works integrated with Milestone XProtect® video management software (VMS).

Corvo® provides the highest level of accuracy through the use of deep learning-based technology. Its enhanced capabilities include fast face detection, advanced face tracking, and highly accurate face matching to identify persons of interest, criminals, missing people, and VIPs from still images, cameras, and archived videos. Corvo Identify's advanced technology works under uncontrolled, and real-life conditions. Our system overcomes challenges, which frequently constrain most of the face recognition algorithms; such as pose, age, and illumination variations. Corvo's robust system identifies faces with high accuracy even with exaggerated expressions, occlusions, eyeglasses, and hats too. Corvo Identify Corporate provides highly scalable software for mission-critical and large scale (1M+ faces, hundreds of cameras, and multi-users) systems. Corvo eliminates single points of failure through its distributed and fault-tolerant software architecture.





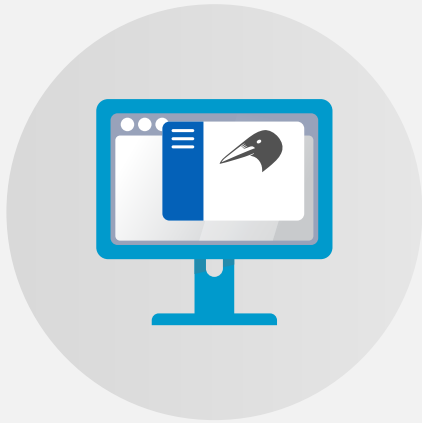
## Real time alarms within the video management software

XProtect users can monitor real-time face recognition alarms via the unified Alarm Manager plug-in. When Corvo Identify recognizes a person of interest, alarm information (subject photo, subject name, watchlist, organization, similarity score, etc.) is listed in XProtect's Alarm Manager. Users can provide additional forensic information concerning the person of interest, and make alarm verification via Corvo Identify plug-in. Short video clips of real-time alarms are created automatically via XProtect VMS for law enforcement. Enable situational awareness for safety with our next generation face recognition solution.



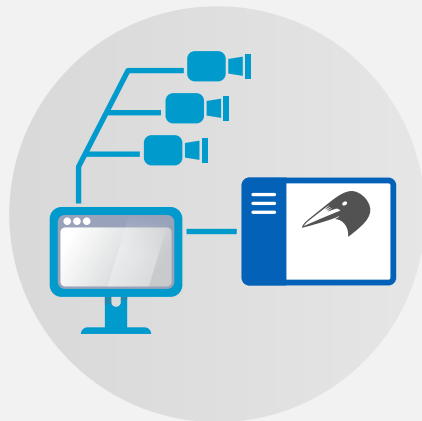
## Ability to perform face recognition from archived videos

VMS users can export archived videos, and perform face recognition automatically via the Corvo Identify Video Search plug-in. Persons of interest can rapidly be pinpointed from video surveillance footage in mission-critical situations. Users are informed about subjects via the Alarm Manager. Digital images are extracted from archived videos, and short video clips of alarms are created via XProtect for forensic evidence. Detailed suspect investigation and alarm verification can easily be performed via Corvo Identify plug-in. Archived video search through XProtect VMS has never been so simple, and effective before.



## Using Corvo Identify in XProtect with full features

XProtect users can use deep learning-based and highly accurate central face recognition, and alarm management system with all of its advanced features through Corvo Identify plug-in in mission-critical security projects. Enrollment, bulk import, watchlist management, rule configuration, suspect investigation (from still images, and archived videos), alarm dispatch, alarm verification, and system management operations can easily be performed via the unified solution.



## Optimizing network traffic

Instead of getting streams directly from IP cameras, VMS servers can be used as a source for real-time face recognition alarms. This provides bandwidth, and cost efficiency in large scale systems.



## Corvo Identify Key Features

- Searching persons of interest from pre-defined watchlists
- Suspect investigation from still images, and archived videos
- Searching suspicious persons from face detection history
- Smart alarm dispatch
- Real-time on-screen alerts via cameras
- Fast alarm verification
- Bulk import operations
- Camera, and server management
- ONVIF Profile S compliant
- Audit logs and reporting
- Load balancing
- Failover handling
- CPU, and GPU-based solutions



## About us

Nevalabs is a high technology company focused on homeland security. Today, we are proud to be one of the pioneers of deep learning-based face, and object recognition systems, providing the highest level of accuracy, and best-in-class solutions.

Corvo, with its cutting edge technology, modular design, and scalable architecture, is the complete solution that fulfills your security needs. Our mission is continuously ensuring the best customer experience, and making cities smarter, and safer.

We believe that building loyal partnerships is the key to successful growth. Together with our partners, we aim to expand our services globally by integrating our solutions. Highly reliable, and quality-assured products of Nevalabs will add significant value to your business. In order to examine common synergy grounds, all you need is to contact our team. Please check our website to discover how Corvo can benefit your sector.



[www.nevalabs.com](http://www.nevalabs.com)  
[info@nevalabs.com](mailto:info@nevalabs.com)

### Nevalabs Head Office

Gümüşsuyu Mah. İnönü Cad.  
Ayazpaşa Camii Sok.  
No: 2 D: 5-6 34437  
Beyoğlu / İstanbul

T: +90 212 245 15 15  
F: +90 212 245 15 20

### Nevalabs R&D Office

Yıldız Teknik Üniversitesi  
İkitelli Teknopark  
No: 1 D: 1B05-06 34490  
Başakşehir / İstanbul

T: +90 212 245 15 15