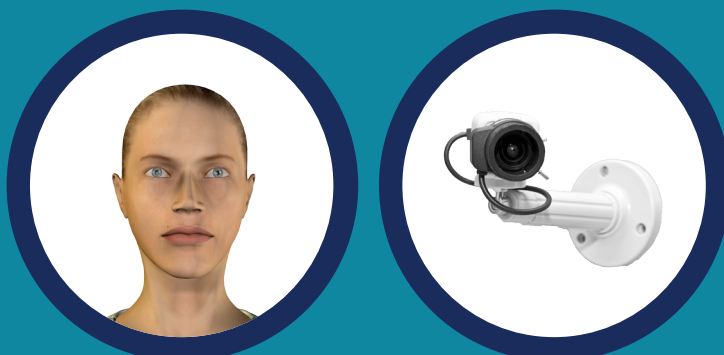




Analytics Server Face recognition

www.ganetec.com



Advanced video surveillance control for high security building control.
Easy integration into all video surveillance systems.
Maximum precision.
High detection systems into contrasted flashing lights.

Face Recognition Analytics

Through cameras placed indoors and outdoors, we can recognize, identify and monitor all those who incorporate into our database, either manually or automatically in real time from the camera we are using for surveillance.

System: device for acquisition and identification.

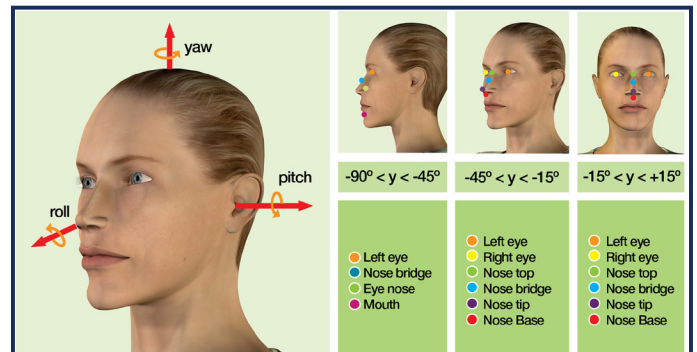
Verification mechanisms use biometric codes and search in the database for previously entered codes, seeking a match.

If a match is found, the identity of the subject associated with that biometric code will be displayed.

Using outdoor and indoor cameras Ganetec Analytics identifies and tracks people using a real time or manual enroll of their face.

Ganetec Analytics is fully integrated in Video Surveillance Frameworks such as Milestone, Genetec, ONSSI and easy to integrate to other frameworks.

Easy to install, non intrusive and high precision are some of the characteristics of the new Ganetec recognition software.

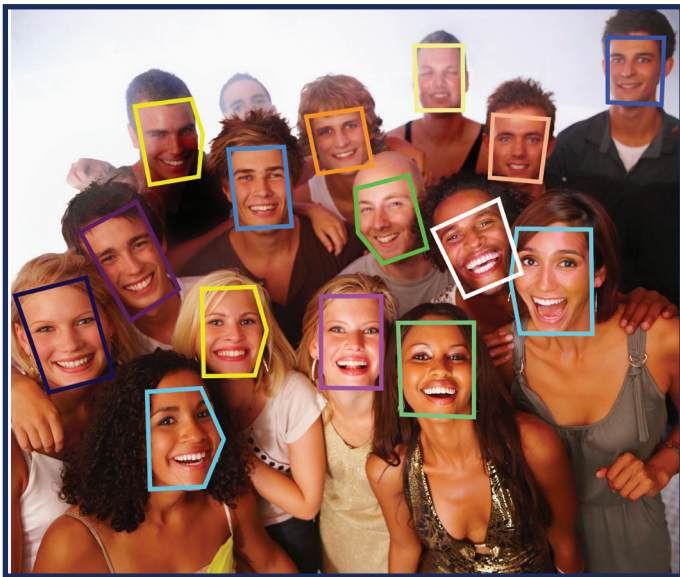


· Functionalities

- Recognizes faces on images and video
- Performs face tracking on video
- Creates lists of faces
- Calculates the pose of the face
- System available on Windows and Linux
- Robust system on various situations
 - Low image resolution
 - Variable amount of light
 - Facial expressions
- Processes video on real time
- Multi-threaded processing
- H.264, MPEG, MJPEG compatible

· Features:

- Configurable for indoors or outdoors
- Detects and identifies in milliseconds while the subject is walking
- No limit on faces per image
- No limit on cameras per installation
- Subject monitorization through maps
- Subject tracking



Analytics Server: Face recognition

Management:

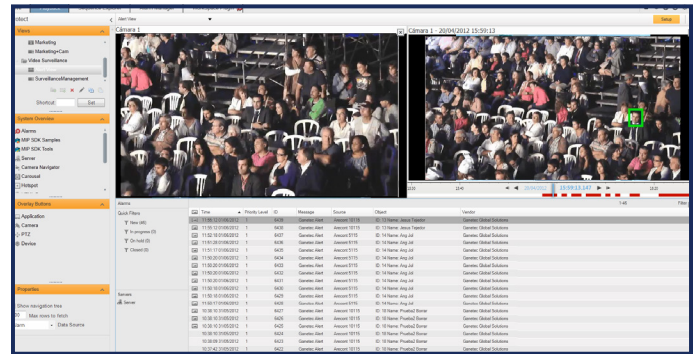
All management is done inside Analytics Server Plugin full integrated inside Milestone Xprotect. No stand-alone applications.

Full customizable lists:

Several lists can be customized and assigned to one or more cameras.

One camera can search a person in one or several lists.

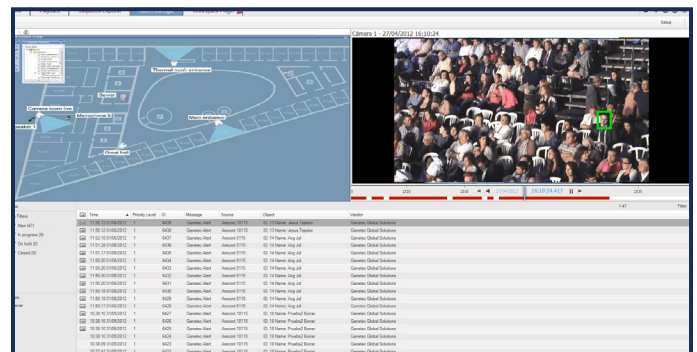
One person can be assigned to one or more lists.



Analytics Server Monitor shows how many processes are working in the system, how many resources are available, and more information related to the status of the system.



An alarm can be located using MAPS from Milestone Systems (only available with Milestone Enterprise and Corporate)

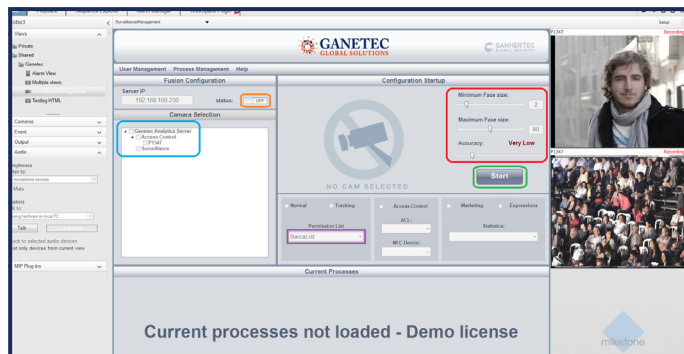


A frame can be tagged with alarm, code or information with Corporate version.



Minimum and maximum face size parameters are used to reduce the hardware needs on every camera improving the overall system.

The Accuracy parameter helps to specify each different solution improving the error rate.

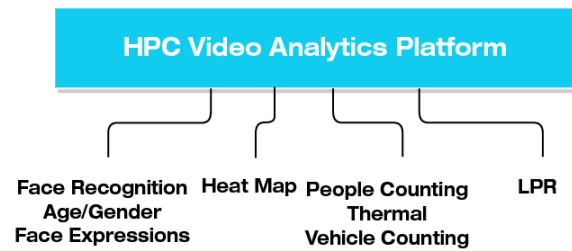
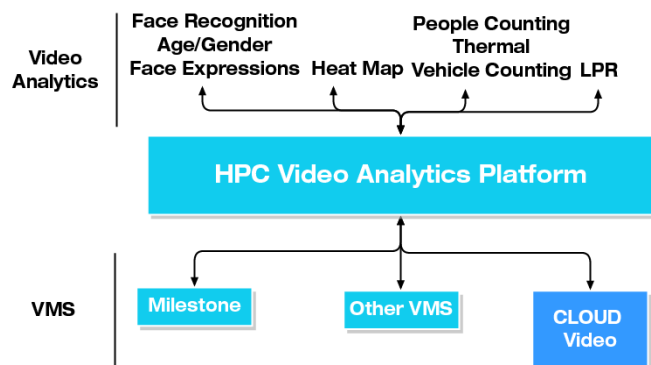


Ganetec Analytics Server works in MIPS1, MIPS2, AND MIPS3 (available 3rd Quarter 2012). In MIPS1 the visualization of the events are integrated into Milestone Alerts. In MIPS2 and MIPS3 the events are integrated into Milestone Alarms.

Analytics Server: Face recognition

Architecture:

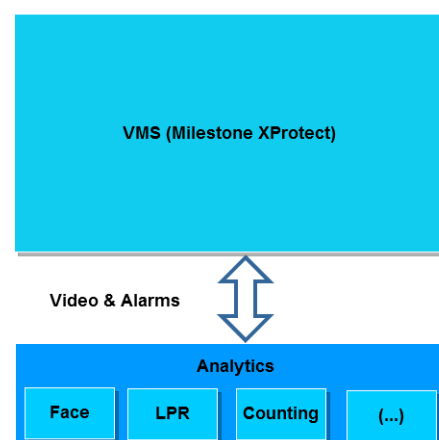
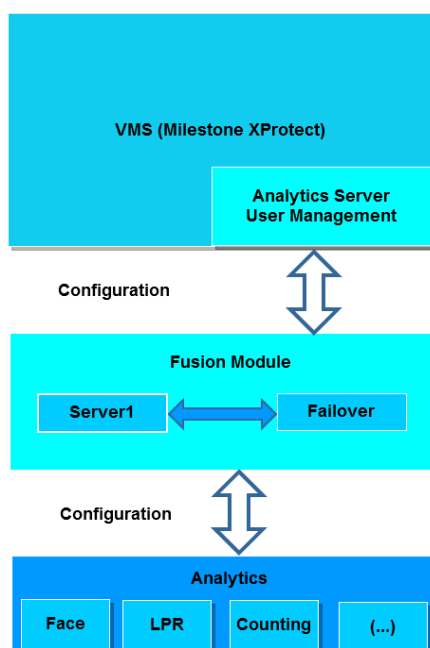
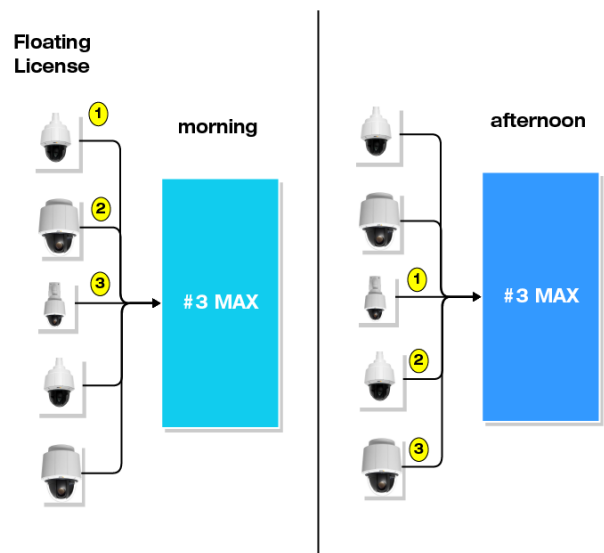
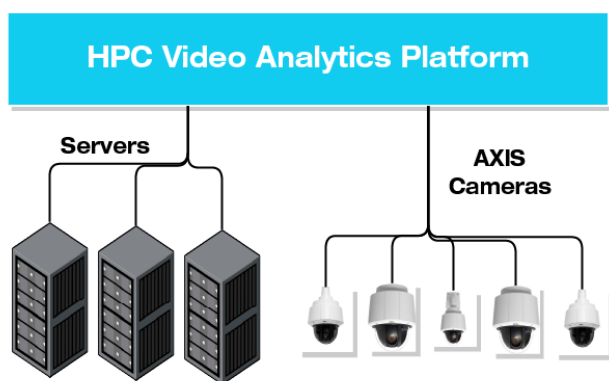
All analytics are controlled inside



Floating licenses and servers:

Servers are controlled by Analytics server and fusion module.

Each analytics license can be assigned or relocated to a different camera at any time.

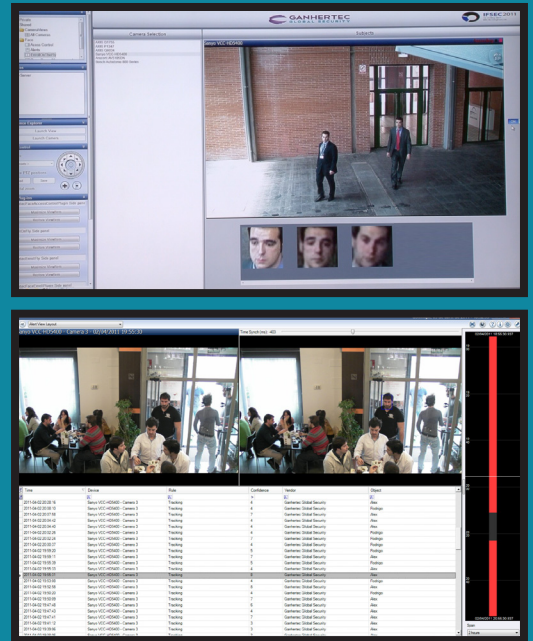


Description :

- Face detection, recognition and tracking.

Functions :

- Recognizes faces in pictures and video
- Face tracking in video
- List system
- Face position computation
- Works fine in hard situations
 - Low resolution image
 - Variable light
 - Facial Expressions
- Video processing in real time
- Fail tolerance
- System available on Windows and Linux



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[youtube.com/watch?v=6ghkdDlilw4](https://www.youtube.com/watch?v=6ghkdDlilw4)