



Datasheet

People Counting



Version 3.6

This Specification Sheet gives the details of system requirements, feature details and other salient points of AllGoVision's People Counting & Reporting Application.

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INTRODUCTION

This Data sheet gives the details of system requirements, features of AllGoVision People Counting & Reporting application.

The product analyzes rapidly the video for specific data, counts the number of people moving IN or OUT at a specific point in camera field of view. The software also provides Reporting & Analysis options.

SYSTEM REQUIREMENT

AllGoVision analytics has the following system hardware and software requirements.

CATEGORY	REQUIREMENT
Operating System	Windows Server 2003, 2008, 2012 Window XP, Vista, 7, 8
CPU	Intel Atom Embedded based PC to run up to 4 channels. RAM 2 GB Intel i3 server to run up to 8 channels. RAM 4 GB Intel Core 2 Quad server to run up to 15 channels, RAM 4 GB
Network	Ethernet, 100 Mbit or higher recommended
Hard Disk Space	10 GB for 1 week storage of reports 50 GB for 1 week storage of alarm files (images & videos)
Database	MySQL 5.5.2
Hardware Requirements	x86 Platform
Stand Alone version camera support	Models from Axis, IndigoVision, Pelco, Bosch, Sony, Honeywell, Arecont Vision, IQInvision, Brickcom, Hikvision, Panasonic, ISD, Acti, Vision and others.
Edge Support	Axis and ISD cameras. Axis: M, P and Q Series.
VMS Support	Milestone, Genetec, IndigoVision Note: With VMS all cameras supported by VMS will be supported
Reporting & Analysis Software	AllGoVision Alarm Center

Note: People Counting feature is also available with VMS support

INSTALLATION & ARCHITECTURE

The software is easy to install and simple to use with intuitive GUI. The AllGoVision people counting supports counting of people traversing a certain passage.

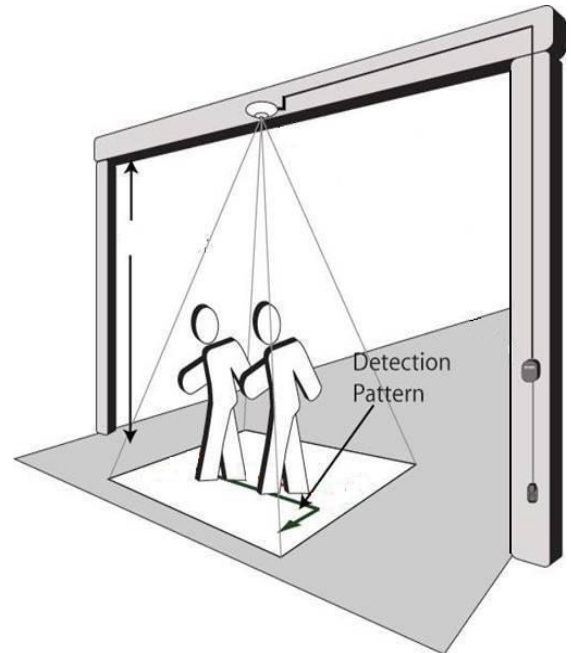
Camera Installations

It supports 2 types of camera installations:

- **Angular:** For applications like city surveillance to cover wider area.
- **Overhead:** For the installation like in entry/exit points.

The application is integrated with advanced Auto Report E-mailer. The application facilitates in generating and exporting the Text, Graphical Reports.

- **Environment:** Indoor or Outdoor
- **Accuracy:** 90-98%

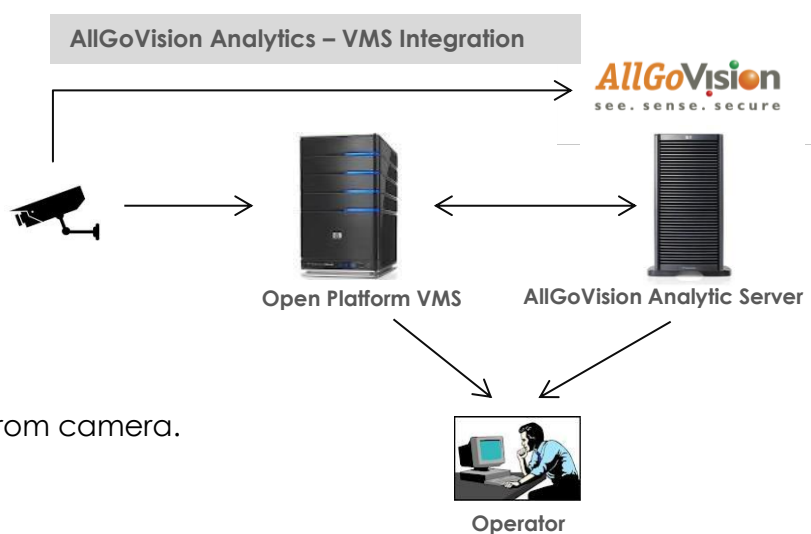


Integration

AllGoVision People Counting application is available in 2 flavours:

With VMS:

- AllGoVision application is based on Open Platform Standards.
- It is integrated with VMS like Milestone, Genetec.



Without VMS:

- It is a standalone application.
- It works independent of VMS.
- Directly takes the video feed from camera.

Reporting & Analysis software:

- AllGoVision provides Alarm Management software Alarm Center
- It has options for plotting, exporting, Scheduling, Heat Map and Motion Map.

FEATURES & OPTIONS

The application supports below mentioned options:

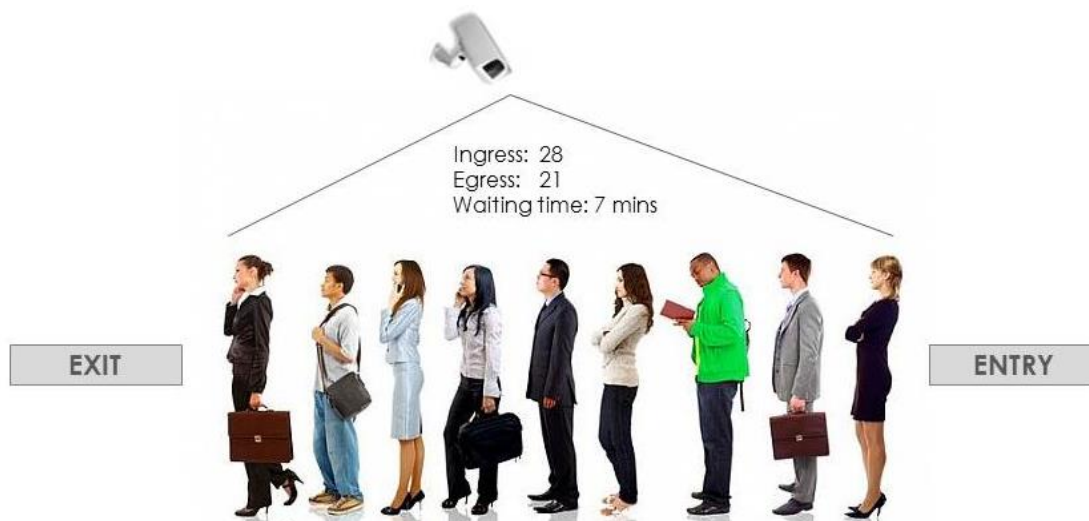
- Application to run as service
- People counting report generation
- Auto Emailer for reports
- Administrator Login
- Zonal counting (add many cameras to zone)
- Crowd detection in people counting and estimates crowd density
- Trolley detection
- Scheduler to enable scheduling of Video Analytics
- Administrator Login
- Its own viewer, reporting and analysis of software
- Export of plot in JPEG and report in CSV format
- PDF format export supported
- Schedule of reports
- FTP upload of reports
- Heat map
- Motion map
- Queue management - People count in the queue, waiting time

QUEUE MANAGEMENT

This feature provides queue properties like

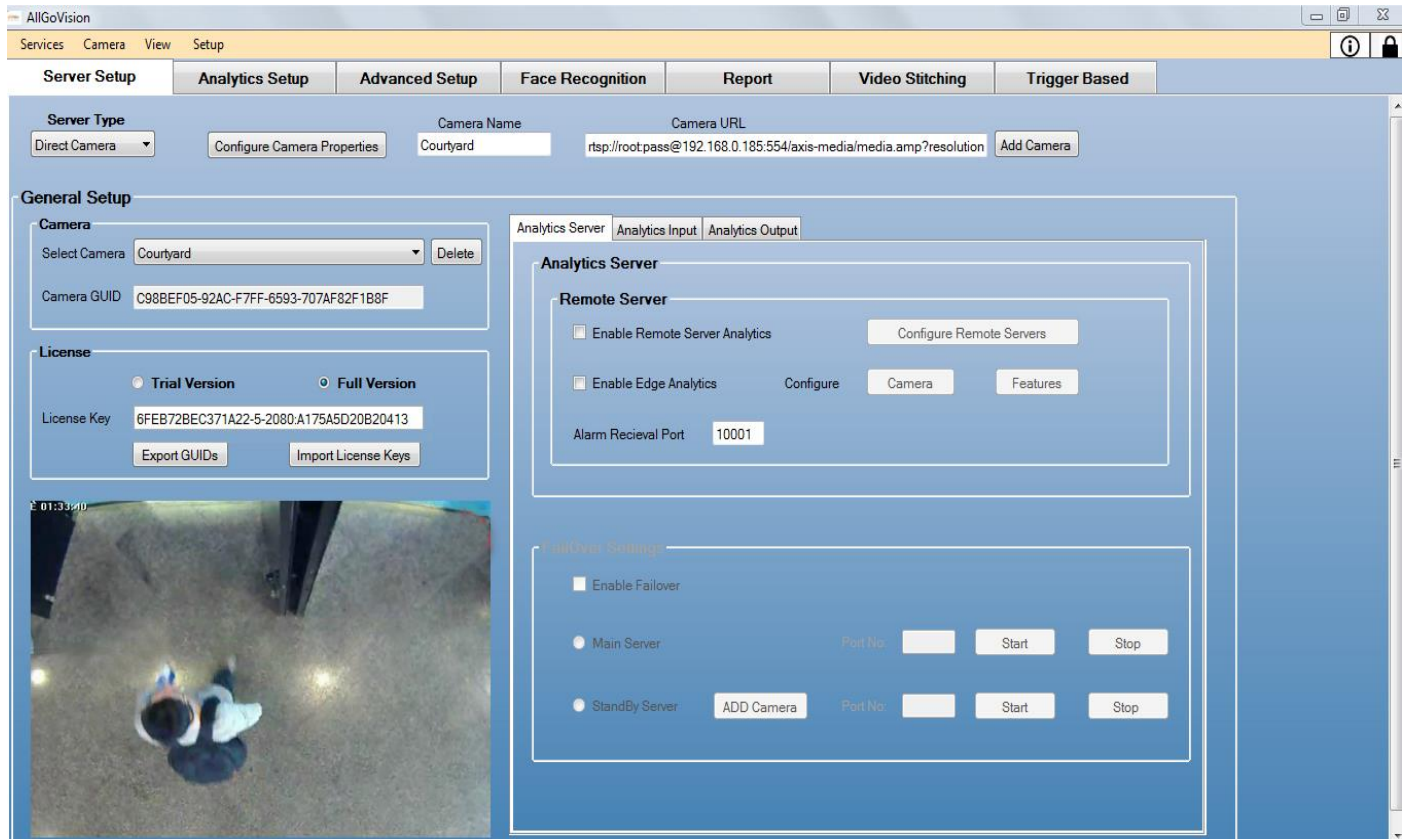
- **Ingress** – count of people coming into queue
- **Egress** – count of people coming out of queue
- **Waiting time** – Waiting time in the queue

Applications: at service counters like ticket counters, boarding points between platform and carrier



ALLGOVISION GUI

AllGoVision product offers a graphical user interface with windows-oriented, tab based, point and pick interface. Extensive use of graphical icons, pull-down menus, buttons, check boxes, and radio-buttons are incorporated to reduce typing work to the minimum possible extent.



AllGoVision Management Client

AllGoVision product GUI consists of following seven tabs:

Server Setup Tab

The server setup tab consists of VMS or camera settings and other field details. You are able to view the video details from camera.

Analytics Setup Tab

The Analytics setup tab gives options to set the analytics fields for different features.

Advanced Setup Tab

This tab gives options to select advanced settings like camera environment, analytics processing complexity, shadow removal sensitivity, camera view, predefined object size and minimum object size.

Video Stitching Tab

This allows stitching of Videos from 2-8 cameras. The output is displayed in the same tab. The objects detected are also shown with Red rectangles.

Trigger Based

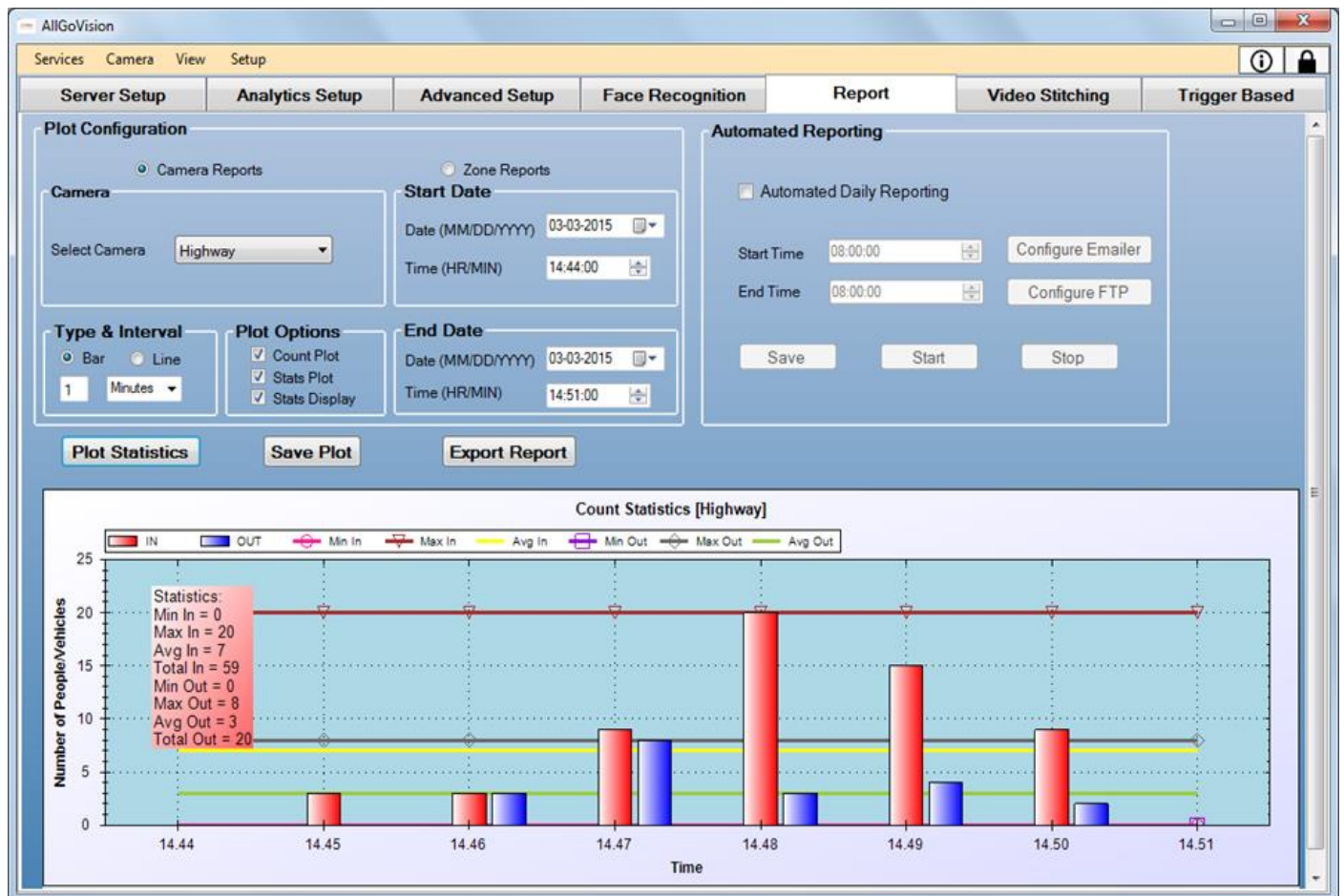
This allows running analytics from trigger like that from RFID.

Face Recognition Tab

This tab provides registration application for Face recognition.

Report Tab

This tab gives option to plot the statistics of people counting. Both line and bar charts are possible. This also has auto e-mailer and export of plots and report.



AllGoVision Video Analytics - Report Tab

The application supports

- Report of counting with different time duration, interval and plot options.
- Export of plot in JPEG and report in CSV format
- Zonal Report with multiple cameras added in each zone
- Auto Report E-mailer
- FTP upload of reports
- Heat map
- Motion map

Heat Map

- Provides heat map for multiple cameras
- Plot based on selected duration
- Shows density levels for different colors
- Provides option for export of Heat Map

Motion Map

- Provides the paths of object or people movement
- Plot based on selected duration
- Provides option for export of Motion Map

Installation

- For effective Heat Map & Motion Map generation Camera needs to be installed to the roof over head covering the area

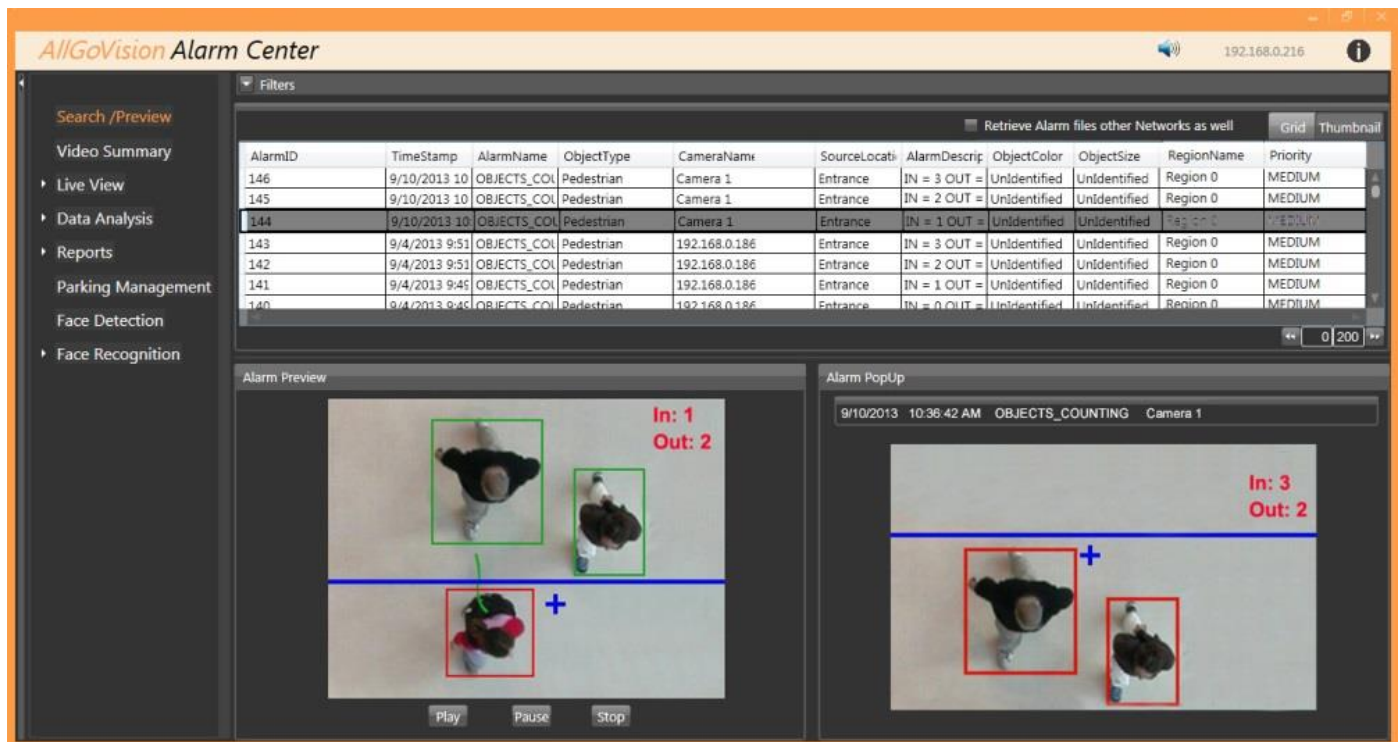


ALLGOVISION ALARM CENTER

AllGoVision Alarm Center is a Client to view all the alarms generated by AllGoVision analytics running on different systems across a LAN.

Features

- Alarm popup
- Alarm Video Playback
- Display alarms with date and time stamp
- Search: Filters to search alarms based on it types and properties
- Heat map and Motion map
- Plot and Export of reports in JPEG, Excel and PDF format
- Schedule of Report
- FTP/Email
- Database is MySQL



AllGoVision Alarm Center