Data Sheet

Version Number: 3.0

http://www.allgovision.com
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1 INTRODUCTION
This Specification 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.

2 SYSTEM REQUIREMENTS

AllGoVision analytics has the following system hardware and software requirements

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware configuration</td>
<td>• Intel Atom Embedded based PC to run up to 4 channels. RAM 2 GB</td>
</tr>
<tr>
<td></td>
<td>• Intel i3 server to run up to 8 channels. RAM 4 GB</td>
</tr>
<tr>
<td></td>
<td>• Intel core 2 Quad server to run up to 15 channels. RAM 4 GB</td>
</tr>
<tr>
<td>Network</td>
<td>Ethernet, 100 Mbit or higher recommended.</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>10 GB for 1 week storage for reports</td>
</tr>
<tr>
<td></td>
<td>50 GB for 1 week storage for alarm files (images &amp; videos)</td>
</tr>
<tr>
<td>Database</td>
<td>My SQL 5.5.2</td>
</tr>
<tr>
<td>Hardware Requirements</td>
<td>x86 Platform</td>
</tr>
<tr>
<td>Resolution &amp; Frame Rate</td>
<td>640x480 and above. Frame rate: 20 fps and above</td>
</tr>
<tr>
<td>Stand Alone version camera support</td>
<td>Models from Axis, Sony, Bosch, Honeywell, Arecont Vision, Acti, IQInvision, Brickcom, Hikvision, Vision, Pelco, Panasonic</td>
</tr>
<tr>
<td>Edge Support</td>
<td>Axis and ISD cameras. Axis: M, P and Q Series.</td>
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</tbody>
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Note: People counting also available with VMS support
3 FEATURES

People counting

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.

It supports 2 types of camera installation.
   i) **Angular** for applications like city surveillance to cover wider area.
   ii) **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.

AllGoVision People Counting application is available in 2 flavors:
**With VMS:** AllGoVision application is based on Open Platform Standards, it is integrated with VMS like Milestone, Mirasys, Genetec

**Without VMS:** It is a standalone application. Work independent of VMS. Directly take the video feed from camera.

**Reporting & Analysis software**: AllGoVision provides software Alarm Center which has options for plotting, exporting, Scheduling, Heat Map and Motion Map.

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

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

Overhead People counting setup

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

Ingress: 28
Egress: 21
Waiting time: 7 mins
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 product GUI consists of tabs:
- **Server Setup Tab** - The server setup tab consists of setup for VMS connection or camera connection
- **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
- **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 Server Setup Tab

![AllGoVision Server Setup Tab](image)

### AllGoVision 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

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

Installation
- Camera needs to be installed to the roof over head covering the area

AllGoVision Alarm Center

AllGoVision Viewer 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