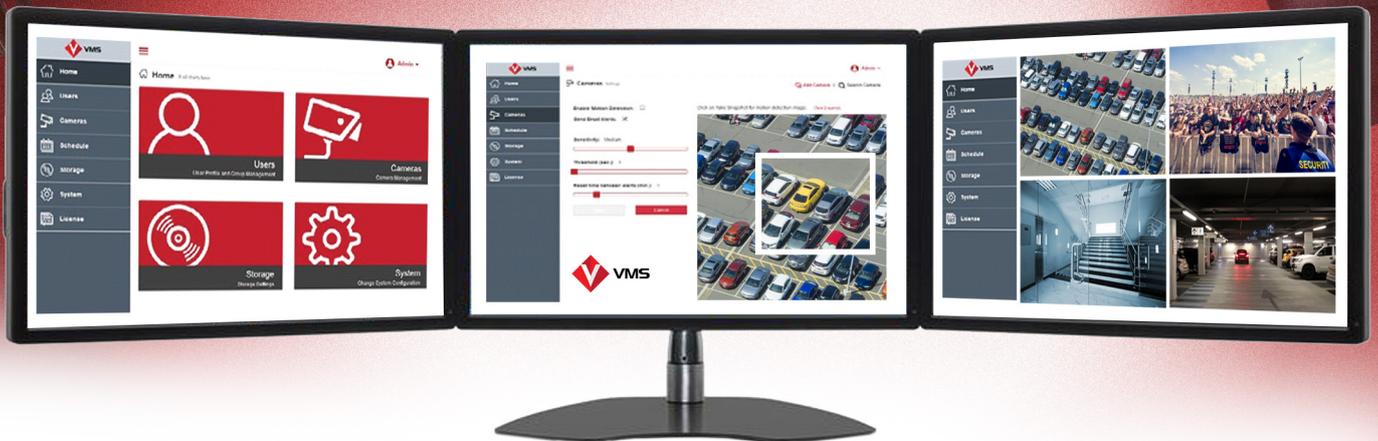
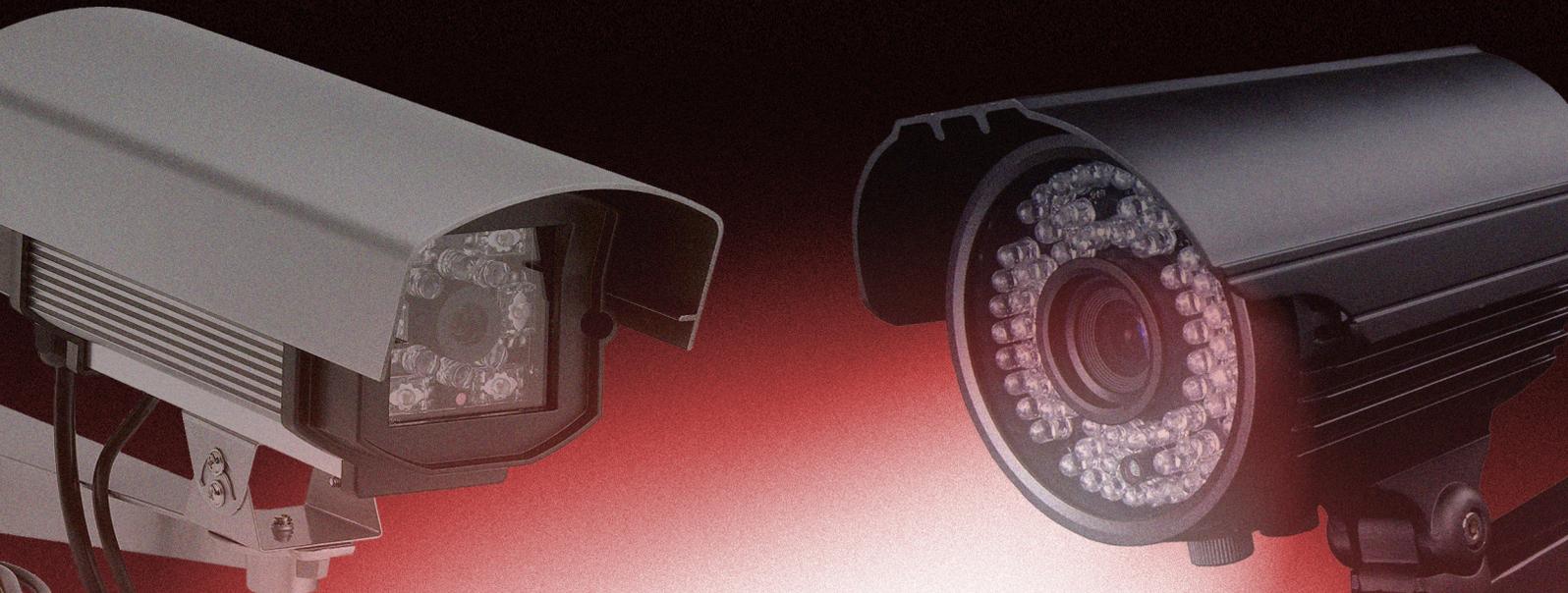




# VMS

Video Management System



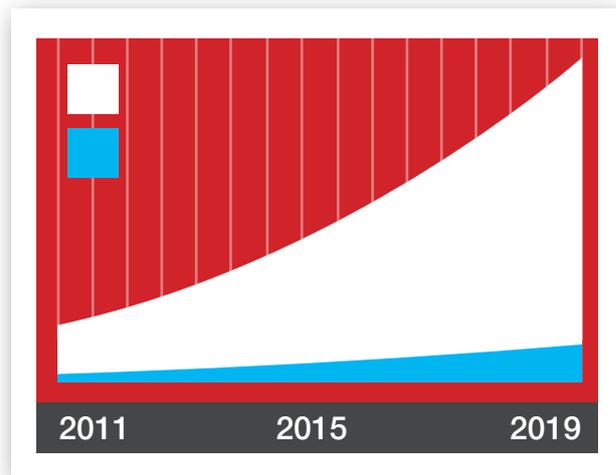
## Intelligent Networked Video for Everyone



VURELLA

## CCTV with a software development team to take advantage of growth

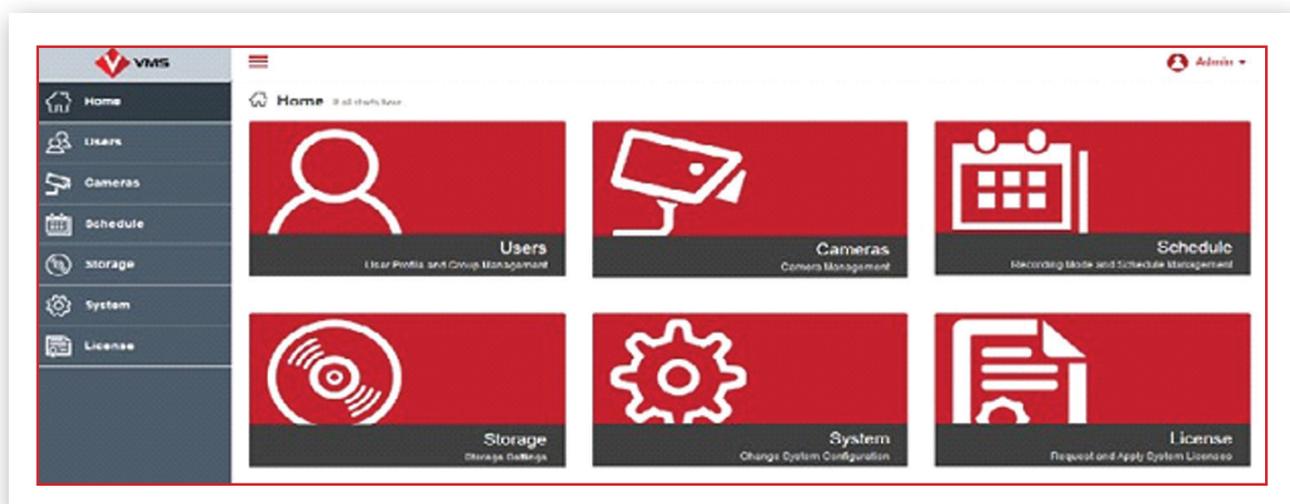
There are a few CCTV packaged software systems that do whatever it is they are supposed to do. But often, they only work with one camera type and if you need some customization, it cannot be done quickly and cost effectively. As we are the software creators, it's a very different story with us. Whatever additional features you want, you simply tell us and as long as it makes some commercial sense we'll do it. As you can see from the graph, intelligent video (CCTV) is growing significantly in the marketplace and we want to create channels in which we can take advantage of this growth. Markets like schools, hospitals, hospitality and Government departments.



## Humans Sleep. Software Never Does

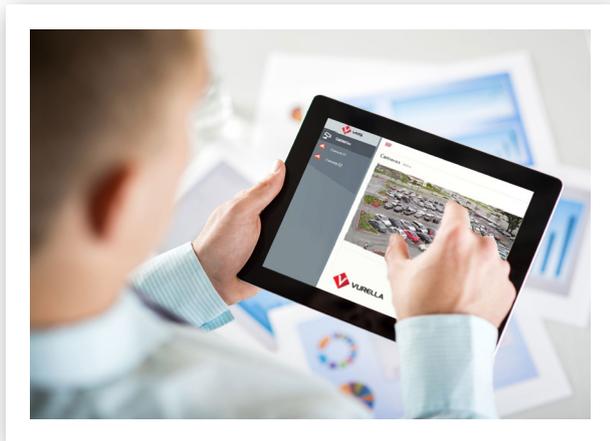
Recording and playing back video is not rocket science, but when you have hours and hours of recordings to review, finding something important can be like looking for a needle in a haystack. In a climate of recession and job cut-backs, the software needs to take over what used to be the domain of human beings. So, Vurella and its team made the

software very intelligent. What a security guard used to do, the software now does, by understanding movement of the pixels in the camera image. Tell it what you want it to recognize, and it will send alarms and alerts to pre-designated individuals. And what's more, it has been known for humans to fall a sleep on the job, but the software will be awake 24 hours a day.



## Real World Objects become Virtual

In the real world, if you want to know whether someone is entering a no-go zone, you employ a man to watch the cameras. If an intruder is spotted, he telephones a manager and security is sent to site. Now we write into the software special code to monitor the pixels in the camera image. If the pixels don't move, we know there are no intruders. If they do move, then the software will send an alert in any way you want it to, to one or more of the designated individuals. That's movement.



What about non-movement? In exactly the same way we can detect non-motion. We can tell the software to alert if a package is left in a destination where packages should not be stationary, like an airport. We can even refine this to a single line. Imagine that we wanted to monitor a door. We could install an invisible tripwire which would alert when the laser is broken. Now we simply place the tripwire in the software and align it with the camera lens. Now we know exactly the same thing without the need for James Bond-type devices being installed.



## Video to the browser. Video to the phone

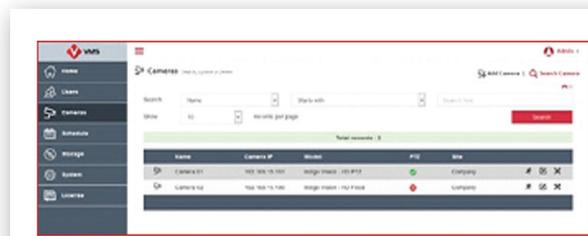
The full-on package is a desktop application which is feature rich. It is camera make and model agnostic which means that you do not have the expense of replacing your customer's cameras, if there is some existing infrastructure. Whatever the brands, whether they are IP or analogue, we can bring all of the video images together into a single browser. However, in the new world of mobiles, we can give you a web browser version which will allow the Manager both to receive alerts but also to view the camera in real time from his or her Android or iPhone device.

## Entry-level Starter Pack

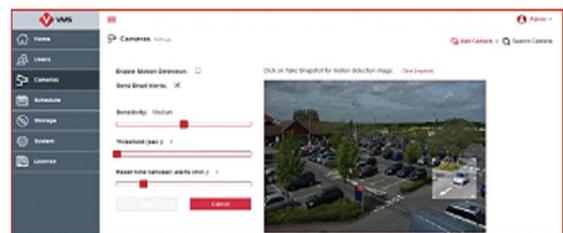
For ease of selling, we have bundled together a VMS server with up to 60 camera licenses.

You get all of the basic functions with the following features:

- Record
- Playback
- Alerts and triggers
- Standard Dashboard
- Image enhancement
- Optimum night and day self-configuration
- Optimum picture performance via poor bandwidth
- Motion detection
- Non-motion detection
- Virtual Trip wire



Motion Detector Setting



Camera Search

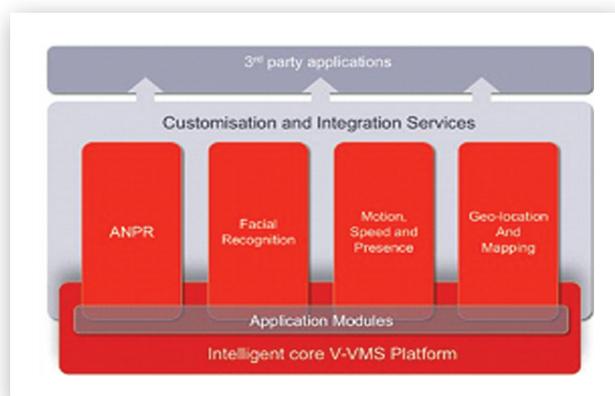


Schedule Recording

## Advanced modules for customization and Integration

What differentiates us is that we have a team of developers willing and able to customize the software for you. So, if you want Automatic Number Plate Recognition (ANPR) technology which will link to a Welcome Board at the entrance to a car park, or some kind of facial recognition at the entrance to a global company, we can do it specially for you. As an example, if you are a global law firm and you want to ensure that the people from your South American office who enter your London office, are - who they say they are, then we can build a facial recognition system for you based on a

pre-captured photograph or perhaps even a passport. All process here are priced on application.



## Hardware and Software Specification

### Supported Cameras

#	Model
1	ACTI - Fixed
2	ACTI - PTZ
3	ACTI - Encoder
4	ACTI - E13
5	ACTI - E11
6	Ai Ball - Helmet
7	AXIS - Fixed
8	Dahua - PTZ
9	Dahua - Fixed
10	General - Fixed
11	Grand Stream - Encoder
12	Indigo Vision - HD Fixed
13	Indigo Vision - SD Fixed
14	Indigo Vision - SD PTZ
15	Indigo Vision - BX600
16	Indigo Vision - Ultra 2k
17	Indigo Vision - HD PTZ
18	LG - Fixed
19	Tiandy - PTZ
20	Tiandy - Fixed
21	TP-LINK - SC3230
22	UBNT - AirCam
23	Vivotek - Fixed
24	Yaan - PTZ



For further information contact Vurella, details below.

## Hardware and Software Specifications

### Remote Access Requirements

In order to provide support for remote software installations and product maintenance, it is necessary for the customer to provide remote access to the PC where the software is installed. The table below displays the remote access tools that contain the features and functionality required for performing the necessary remote tasks.



### Remote Access - Recommended Software (In order of preference)

Software	Website	Version
Windows Remote Desktop	Not Applicable	N/A
Team Viewer (Commercial)	<a href="http://www.teamviewer.com">www.teamviewer.com</a>	V10.0
Logmein (Business Version)	<a href="http://www.logmein.com">www.logmein.com</a>	V4.0

If you wish to use additional tools to provide remote access you must ensure that they provide our support and maintenance engineers with the appropriate functionality, these have been listed below.

### Required Features and Functionalities

#### Description

1. Full remote control over the Server PC
2. Ability to transfer files to and from the Server PC
3. Allow a continuous session without disconnection
4. Self-restart after the Server has been rebooted