



**Intelligent Video Analytic  
Combined with Article Intelligence**

**COMMERCIAL & RESIDENTIAL MONITORING**

# FOREIGN & DOMESTIC COMPANY OVERVIEW



is a corporation duly registered in the Federal Republic of Nigeria, enabling G&A to deliver service excellence with state-of-the-art innovation in technology, motivated by G&A's dedication to fighting crime globally.



G&A Surveillance, Inc. is a corporation duly Incorporated in the State of Texas, USA, and fully licensed to provide security services.

*Monitored, Connected & Always Protected*

# SERVICE OVERVIEW

G&A Surveillance provides services utilizing team professionals who have exemplified excellence through their years of experience in the surveillance, monitoring, and security industries. Each service is delivered with the utmost diligence, assuring that the client's needs are exceeded.

By placing professionalism and integrity at the forefront, G&A Surveillance are dedicated to providing impeccable client satisfaction from the inception of any project, to a continued lifetime of service commitment.

# SERVICE OF EXCELLENCE

G&A Surveillance are companies founded with the spirit of EXCELLENCE. We are committed to providing quality services through implementation of innovative design solutions to satisfy our client's surveillance, monitoring and overall security needs.

At G&A Surveillance, understand that our clients are not only assured of what we know, but receive ultimate satisfaction in knowing that we CARE. We have successfully implemented various projects in Texas, United States of America and Africa.

# BASIC NEEDS FOR SURVEILLANCE



**IDENTIFY** Perpetrators

**PREVENT** Accident & Wrong Doing

**PROTECT** People & Property

**OBSERVE** Processes

**PROACTIVE** Solutions

# SYSTEM SURVEILLANCE FEATURES



## Virtual Fence Detection

Alarms are activated when it detects intrusion of suspicious people and/or activity in a predefined area or a forbidden zone



## Missing Object Detection

Sends notification when an existing object is missing from the camera view in a designated area for a period of time.



## Secure Zone Detection

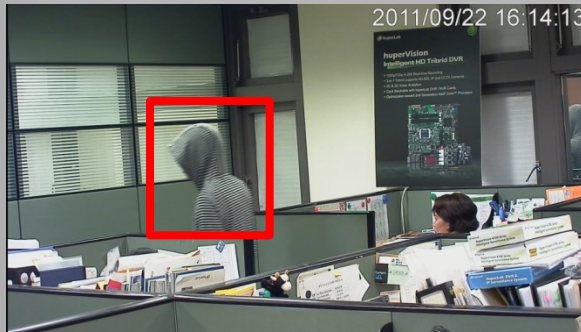
Alarms are activated when an intrusion occurs in one or more predefined areas and/or forbidden zones.



## Left Object Detection

Sends a warning when an unattended object or item (e.g. luggage) is left in an area for a period of time.

# SYSTEM SURVEILLANCE FEATURES



## Near Zero Latency

Ability to record and positively identify a perpetrator in real time with our IP and HD digital cameras to 1080p picture quality



## Virtual Fence Detection

Alarms are activated when it detects intrusion of suspicious people and/or activity in a predefined area or a forbidden zone



## Zone Counter

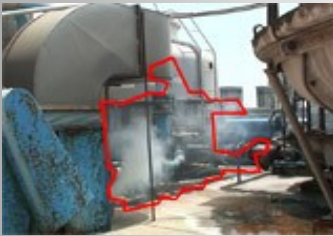
Estimates number of people occupying the camera FOV (Field Of View). The system will alarm the command center when a crowd is detected.

# SYSTEM SURVEILLANCE FEATURES



## License Plate Recognition

Reads and records in real-time car license plate numbers, and archive the server video for positive number match and identification.



## Smoke Detection

Detects smoke and outlines its location in the server video, and also triggers alarm at command center.



## Face Detection

Records, stores and logs human faces in the server for positive intruder identification. The system will activate an alarm when a matching human face is detected in the forbidden area.



## Flow Counting

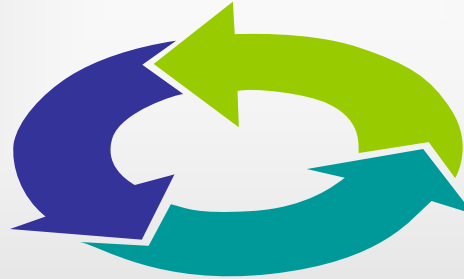
Calculates the amount of objects and/or people passing a predefined line or area.



# SYSTEMS STRUCTURE

**Intelligent  
Video  
Monitoring**

**Digital  
Video  
Surveillance**



**Service &  
Warranty**

**Identify**

**Verify**

**Respond**

**SYSTEM OFFERINGS**

**Constant  
Monitoring  
Software  
Detects a  
Problem**

**Live Operators  
Check the Site  
Remotely, Using  
Software and  
Cameras**

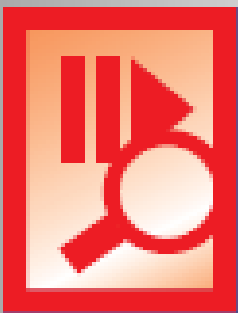
**Law  
Enforcement and  
Business Owners  
are Contacted  
Immediately**

**Every single event is handled the same way. This uniformity provides a sharp  
advantage in the marketplace.**

**INTELLIGENT VIDEO MONITORING**

# SYSTEM CONTENT PROTECTION

*The following system features prevent video contents from being tampered by embedding digital watermark in snapshots:*



**Record Player** allows an operator to search and view previously recorded surveillance video. The operator can search for video records by specifying the camera number or the type of event; motion detection, virtual fence detection, etc.

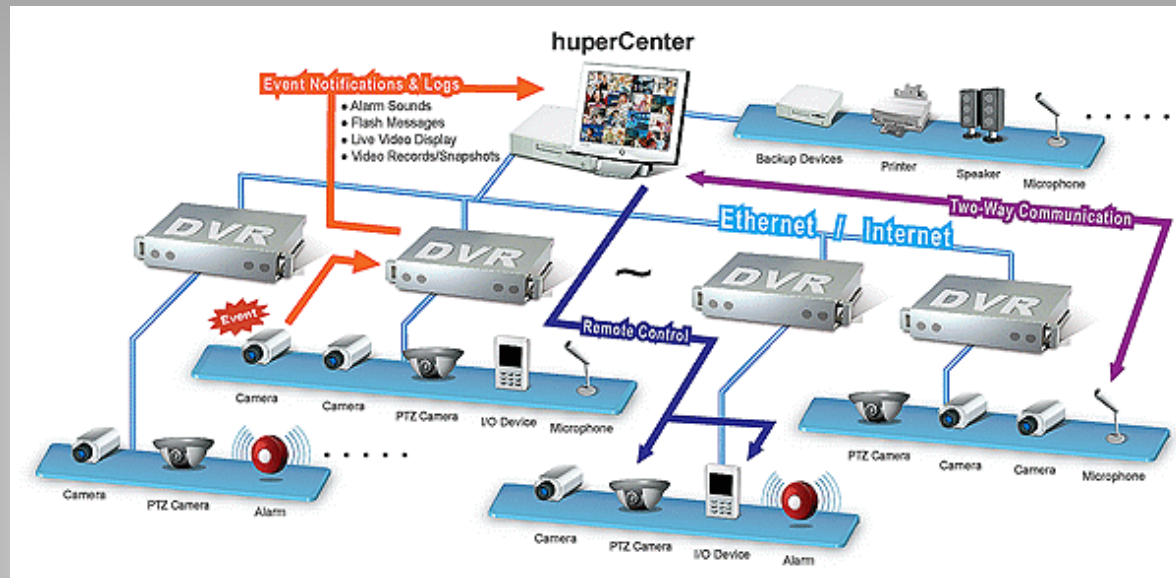


**Remote Viewer** allows live video surveillance and recording in a remote computer via web browser, and held hand devices like; iPhone, iPad, Blackberry, Droid, etc.



**Backup Scheduler** allows backups of recorded videos. The process can be initiated manually or configured to perform automatic backups to a specified storage location.

# PRODUCT OVERVIEW



G&A Surveillance features advanced pro-active, analytical, Interactive, Internet based, digital video surveillance, CCTV and ACCESS controlled system for private & public, commercial, residential and government monitoring and surveillance applications.

# SYSTEMS OVERVIEW



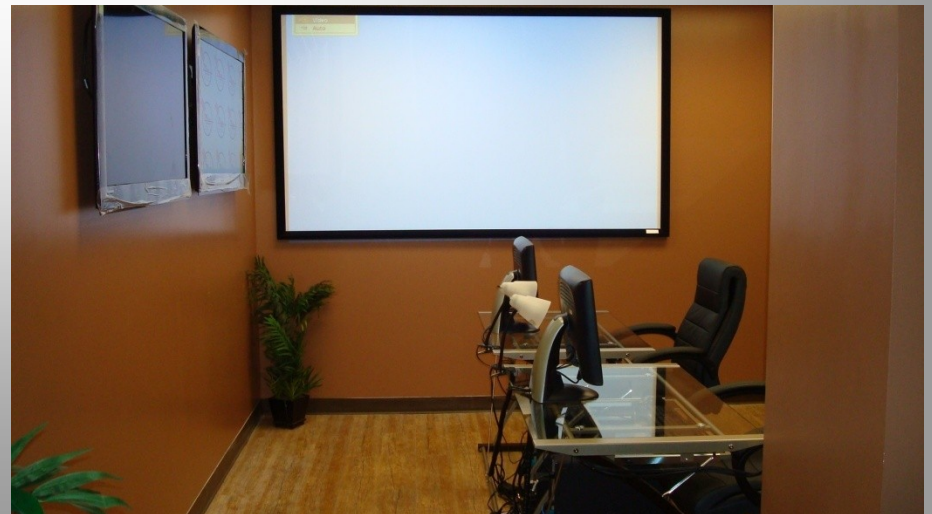
G&A Surveillance Centralized Monitoring System (CMS) is designed to enable facilities utilized various cameras for viewing, recording, and reporting activities happening in REAL TIME.

Programmed with a variety of reporting criteria (smart phone, email, pager, etc.), law enforcement and government agents, organization managers, etc., can be alerted immediately of any suspicious activity.



Also with two-way audio, the system can alert an intruder of trespassing and warns that law enforcement has been mobilized.

# Centralize Monitoring System



# Monitoring The Presidents Office at Texas Southern University



# FORT BELKNAP CASINO 16 - CHANNEL DVR SYSTEM



# CAMERAS OVERVIEW



G&A Surveillance utilizes variety of digital cameras for different applications; from PTZ for short distance of half a kilometer to eight kilometers of viewing area coverage.



Extended areas of about fifteen kilometers are custom designed with special PTZ cameras for high definition picture quality images.



Cameras equipped for night vision capabilities are also utilized for required area coverage.





# SYSTEM ADVANTAGES

- ❑ Elimination of false alarm and waste of revenue. Whereas, the traditional alarm system records over 90% of false alarm and loss of revenue associated with it.
- ❑ The ability to monitor two hundred and fifty six video cameras at sixteen remote locations simultaneously.
- ❑ Utilizes unique technology to proactively monitor and respond to any activity in REAL TIME globally from centralized command center located in Dallas Texas, Abuja-Lagos Nigeria
- ❑ Built-in Wide Dynamic Vision Pack provides powerful features on video quality enhancements, sharpness adjustments, noise reduction, and false alarm prevention.
- ❑ Unique Size Filtering allows operator to define the size of search target to increase accuracy.

# SYSTEM ADVANTAGES

- ❑ Unique Size Filtering allows operator to define the size of search target to increase accuracy.
- ❑ Imagine being able to give each camera specific instructions like you would to a highly-trained and expensive guard.
- ❑ **No more TAPES to switch, all video recorded to disk**
- ❑ **Watch your home or business LIVE from anywhere in the world**
- ❑ **Record and playback MONTHS of real-time video digitally.**
- ❑ **Print, e-mail or save INCIDENT images or video sequences**
- ❑ **UPGRADE existing analog surveillance system.**
- ❑ **Monitor 256 CAMERAS in 16 remote locations simultaneously**
- ❑ **G&A Surveillance Server offers digital watermarking and authentication tools admissible in a court of law.**

# G&A Surveillance Additional Services....



# INTELLIGENT TRACKING TAPE

- G&A Surveillance launches state-of-the-art innovation in digital WiFi tracking technology.
- This transparent intelligent Wi-Fi embedded tape enables the tracking and capture of kidnappers. This tape bonds easily with any currency of any texture, and connects to both secure and unsecured wireless device and network located within five mile radius.
- The tracking device navigates and locates intelligent tape within fifty feet (1270mm) radius of tape location.
- This technology was instrumental in solving kidnapping, torture, ransom payments and sometimes murder of innocent victims that tormented South American countries in recently.

# DETECTORS & SCANNERS

G&A Surveillance provides hand held, door access, and drive through metal and explosives detectors and scanners for public, industrial, government and airport applications upon request and adequate information.

Our professional sales and technical experts would consult with potential customer for discussion, recommendation, and proposals for the supply and installation of appropriate equipment.

# Cargo Screening



# G&A Surveillance Cargo Screening

Whether its Cargo freight, explosive detection, baggage, mail or parcels, our cargo screening technological equipment provides scanning and X-ray inspection systems that offer the highest image quality and detection in the industry.



# Cargo Screening



Drive through and stationery detection for integration into the check-in process with X-ray systems for scanning and handling the automatic detection system.



# Cargo Screening Monitoring Center

Our 24 hour monitoring center, staffed with professionally trained security and surveillance agents. Equipped with software designed for the specific needs of each individual company.



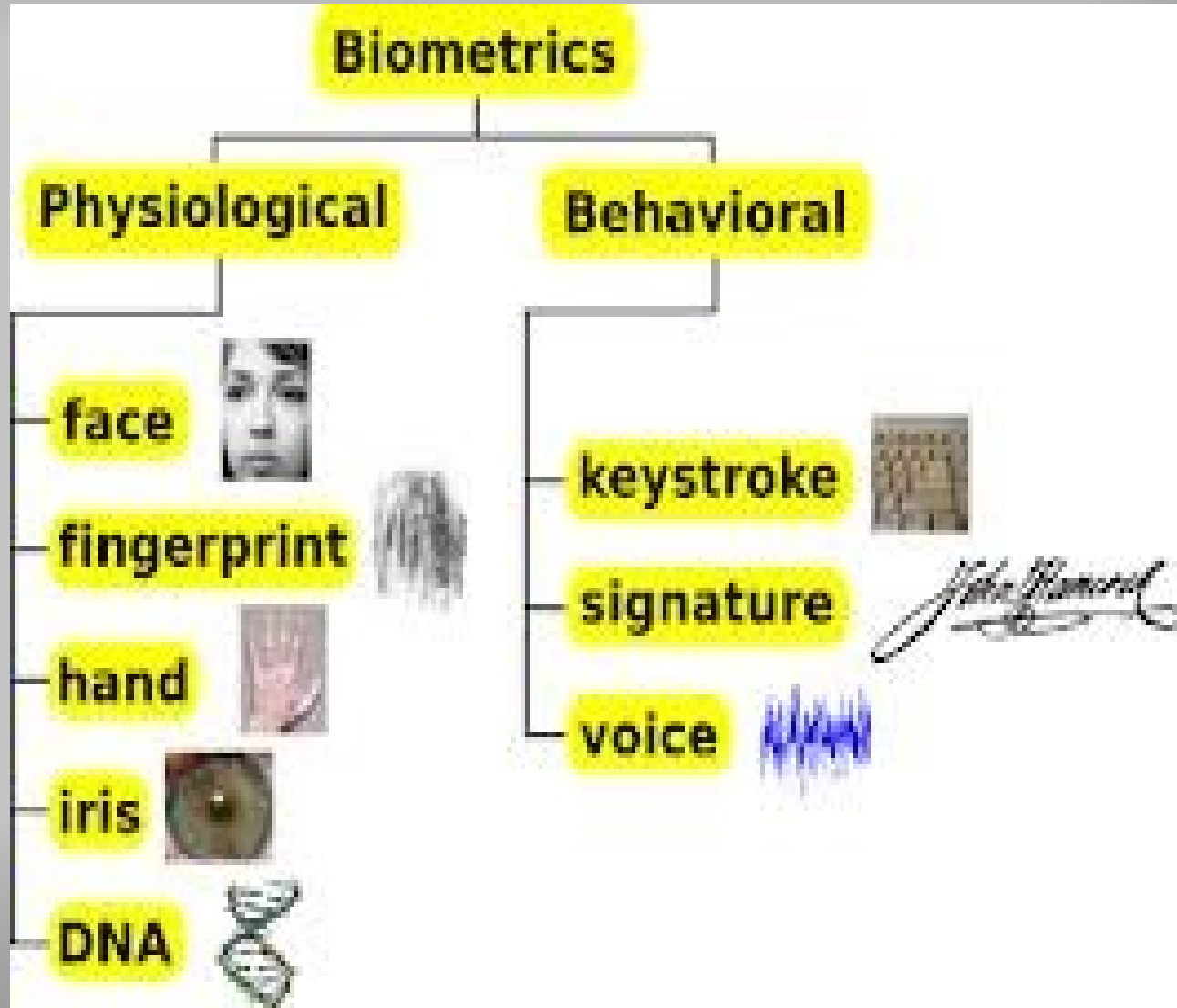
# G&A Surveillance Biometric Technology

The use of biometrics

- standardized measurement of various physical and behavioral features are available to provide our clients with top notch security.

The science of using physical characteristics (fingerprints, eyes, hands) to identify a person and some of the products used in this system include fingerprint readers and retinal scanners.

# G&A Surveillance



# G&A Surveillance

## Face Recognition Biometric Security

This is one of the most flexible methods as it can be done without the person being aware that they are being scanned.

This system analyzes specific features that everyone's face has like the distance between the eyes, width of the nose, position of cheekbones, jaw line and chin to only name a few.



## Fingerprint Identification

Your fingerprints remain the same throughout your life and no two fingerprints are alike.

This may not work in industrial applications as this requires clean hands and some people may have injury to their prints that prevent proper identification.



# G&A Surveillance

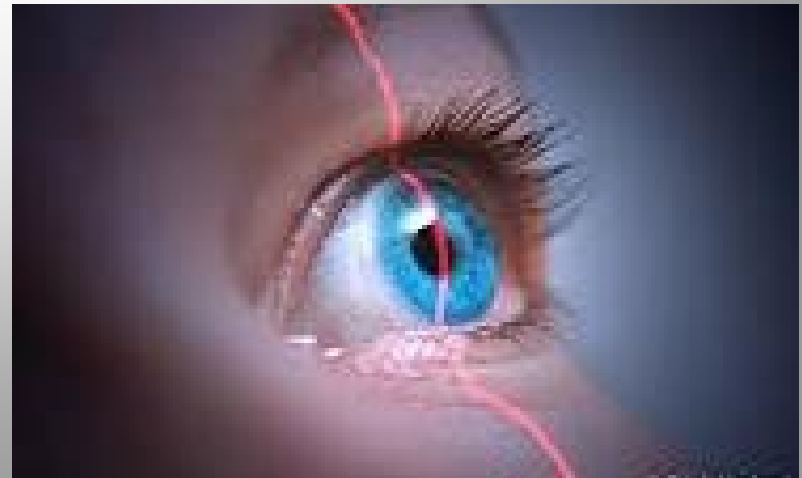
## Hand Geometry Biometric Security

This will work in harsh environments, does not require clean conditions and uses a small data-set It is not considered as intrusive and is often used in industrial environments.



## Retina/Iris Scan

There is just no known way to replicate a retina or iris and, as far as is known, the pattern of the blood vessels at the back of the eye is totally unique and never changes



# G&A Surveillance

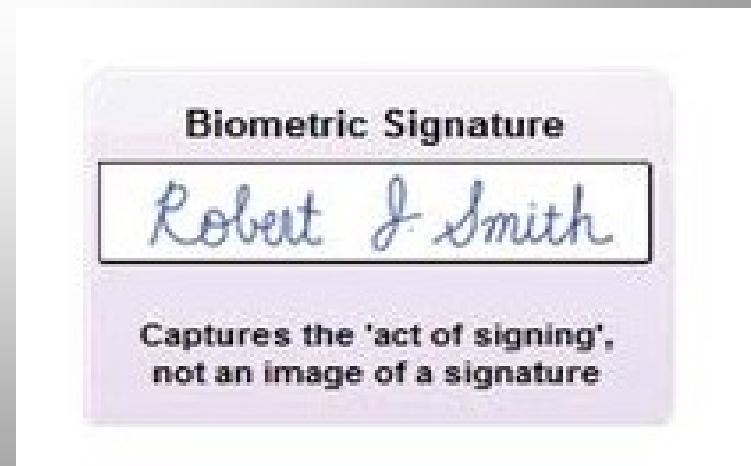
## Voice Analysis

This method of security biometric can be accomplished without the person's knowledge although it is easier to fake by using a tape recording but it cannot be done by trying to imitate another person's voice.



## Biometric Signature Security

This type of security is easy to gather and is not physically intrusive. It captures the act of signing in 'real time' and not an image of the signature.



# ACCESS CONTROL SYSTEM



G&A Surveillance offers Access Control Systems for any facility size. Imagine being able to enter your facility and not have to hunt for keys or worry about having to pass out keys that may be lost or duplicated. Just present your credentials at the appropriate device to gain access to your facility.

These systems come in various styles and finishes to ensure that the lock and reader match aesthetically to the finish of the door and frame. All systems are built and installed with the best quality in the industry. From one to hundreds of doors or accesses, our systems are scalable to meet all needs and to satisfy customer desires.

# G&A Surveillance

## SOLAR POWER & WIND TURBINE

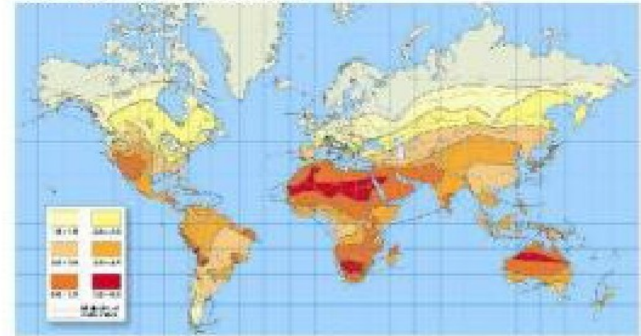


Coming Soon

### Videolarm Solar Packages

World Insolation Map

Winter Peak Sun Hours in Worst Case Month



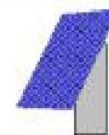
Solar Package Selection Table\*

1.0 – 3.9 Peak Sun Hours - SLFDW75-8

4.0 – 5.9 Peak Sun Hours - SLFDW75-4

\*Solar Package Selection Table is for PTZ IP Camera Systems. Fixed IP Camera System, SLAC13-4, can be used 1.0 – 3.9 Peak Sun Hours.

30 Watts Continuous Power; 20w Camera + 8w Wireless + 2w Blower



Solar Package

+

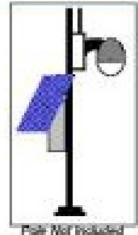


PS24L24SP

+



FDW75C24SP  
ACH13WMMH12



PS1 Not Included

Solar Package

Detailed wiring diagram is laminated to the inside of the Solar Package enclosure door.



Solar Power & Wind Turbine



# G&A Surveillance Training Institute

## **TRAINING INSTITUTE**

G&A Surveillance Inc. has opened a Training Institute based in Dallas Texas at the Corporate Headquarters.

The International Training Institute:

**CCTV SECURITY CONCIERGE AND INVENTION TECHNOLOGY  
INSTITUTE (CSCIT INSTITUTE).**

It is the First Division of our International Company:

**G&A Surveillance Nigeria Limited**

CCTV Surveillance Training is provided for individuals with an interest in Security, Researches and Analytic proactive digital surveillance, monitoring systems, security equipment & devices for private, public, corporations, government, etc., crime prevention surveillance and security.



Corporations are welcome to send their Security Agents for Training as well as request references for Certified prospects.

# **ZY**com Monitoring Services

**ZY**com also offers their remote video monitoring service—**CONSTANT MONITORING.**

- With remote video monitoring, operators are standing by around the clock, monitoring your cameras from their state of the art Command Center located in Dallas.
- Some customers utilize the service only during off-duty hours.
- The center is staffed with trained, licensed operators who are ready to respond to crisis situation, communicate with law enforcement and ultimately catch criminals.

When there is a breach, your security cameras transmit directly to **ZY**com's Command Center via an encrypted high speed link.

**ZY**com Operators will determine if there is an actual crime and then contact local law enforcement within seconds of the criminal being detected.

Sophisticated artificial intelligence detects humans.

- **ZY**com provides an accurate description of the criminal along with video clips and still images that assist police (admissible in a court of law).
- Video of these events are stored in **ZY**com's data center for a year, ensuring that the evidence is always available.
- The Command Center eliminates false alarms, eliminating the waste of local resources and potential fines. With traditional alarm systems, 98% of all alarms in the U.S. are false!
- If you are spending money on security guards, **ZY**com can monitor & manage your security department for a fraction of what you are paying now.
- With your help let's end false alarms.

# Knowledgeable Support

We take technical support very seriously.

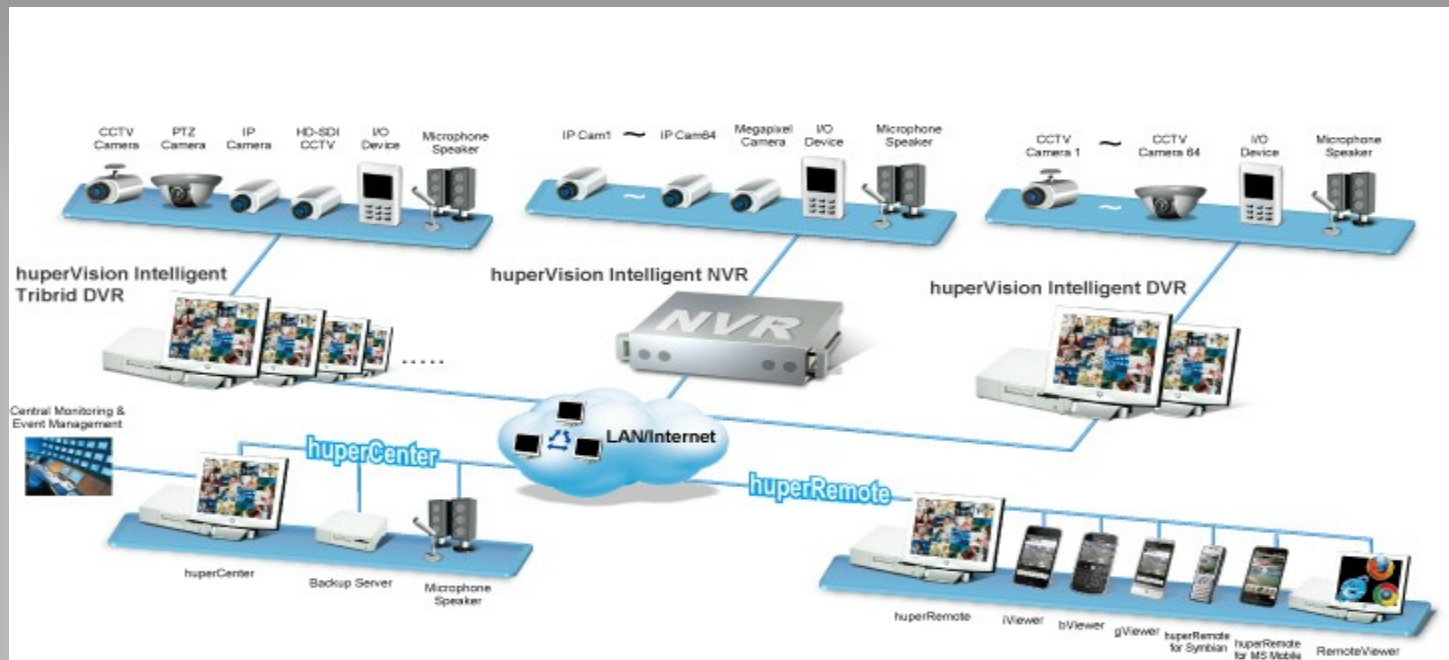
In fact, G&A Surveillance employs as many technical resources as we do sales resources.

Buying from G&A provides direct access to our team of experts who are Involved in every aspect of product development from design and testing to support.

## **PRICING & WARRANTY**

If you think that DVR-based security systems means having to sit through hours and hours of video to search for a few minutes of evidence, think again!

G&A Surveillance offers custom smart search function to prevents your organization from having to waste time or spreading your staff too thin just to secure your business or property.



Other than conventional DVR functions, G&A Surveillance offers more powerful custom & intelligent features in video content analytic, such as smart search and object detection.

Please contact us for your facility walk through and proposals.

All equipment and services has one year warranty.

Extended warranties are available and can be purchased prior to systems installation.



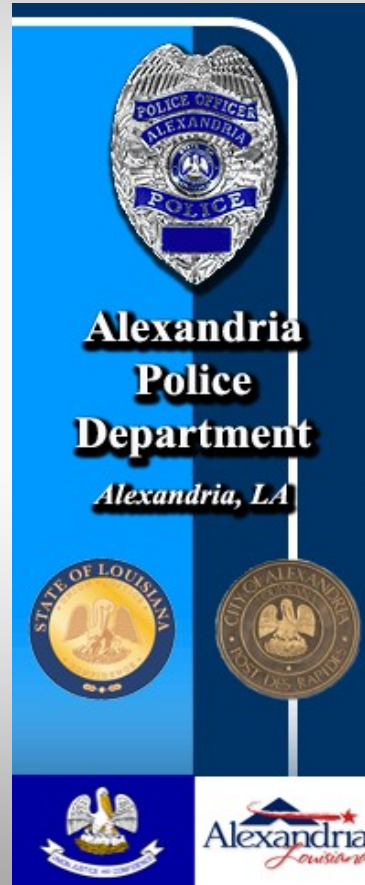
## Guaranteed Reliability

If a product fails to meet customer expectations, we hear about it directly from our customers, and make any adjustment necessary to deliver a positive experience.

This direct feedback, combined with control of product development, empowers G&A Surveillance to build extremely reliable solutions, backed by industry leading warranties and free lifetime technical support.

Simply put we stand by our products.

# A FEW COMPLETED PROJECTS





# CONTACTS

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