First Witness Security

First Witness Security is Veteran owned company (USMC) in business for 25 years. Rodney Dixon, the owner has worked in high-tech fields ever since the Military. The company is a provider of Systems for Video Surveillance, Security, Access Control, and GPS Tracking. Company works with large and small commercial, small business, and has **MHSA Safety Plans** in place as needed.

MSHA Contractor ID B6620
SYSTEMS

• Surveillance Camera Systems
  – Security
  – Asset Management
  – Smart Analytics for Uses outside typical
  – Video Monitoring, Get Rid of High Price Security Guards

• Access Control
  – Get Rid of Keys
  – Track and Manage Entry Points

• GPS Tracking
  – Asset Tracking/Control
  – Maintenance of Equipment

• Alarm Systems
Avigilon intelligent analytics

Transform traditional surveillance cameras into active prevention solutions
Video Analytic Rules
Diverse rule choices to solve any problem.

Cross IQBeam or Trespass
Detect object entry into, or presence on, private property.

Loitering
Persons or vehicles loitering in known hotspot areas is often a precursor to crime & vandalism.

Direction
Alert on people or vehicles entering the ‘wrong way’ or traveling in a particular vector.

Object Removed
Valuable objects or Inventory targets of theft and vandalism. Asset monitoring alerts
Alarm on what matters
Regions of interest are configurable with just a few clicks.
Self-learning algorithm
Camera’s become more intelligent as time goes on, learning from their environment.
Reactive vs. Proactive Surveillance

Residential Home, MA
Water Resource, NC
Open Air Mall, AL
Auto Lot, New Jersey
Construction Site, NY
Company Parking, MA

How fast can you spot an intruder?
Reactive vs. Proactive Surveillance

How fast can you spot the intruder?
Best Video Management Software

- Maximum Clarity
- Scalable and Open
- Minimum Bandwidth
- Fastest Search
- Easy to Use
- Compatible with Existing Equipment

Speed and Delivery of the Best Evidence
Video Monitoring

Event Based Monitoring

Operators react and respond according to video derived from software analytics or hardware-based sensors on-site. If the operator deems the event is legitimate or requires further investigation they will view cameras live in real-time to determine what actions to take.

Event-based video monitoring works well for restricted spaces where there should be limited or no activity. Sites ideally suited for Event-Based monitoring solutions typically include indoor or fenced areas such as storage yards, warehouses, or utilities substations.

Event-based two way audio solutions work where operators respond to events from alarm panels or on-site audio devices to communicate with people on site to allow entry / exit of the property. This service works well for industrial or office buildings and often with multi-family residential properties.

Advanced Video Analytics

Over the past several years there have been tremendous improvements in the quality of available video analytics.

UCIT’s in-house team of computer programmers works with our research and development team to integrate the industry’s latest advanced analytics to help enhance our solutions and better serve our customers.

Software analytics can be added to existing analog or IP cameras, eliminating the need to replace entire systems to benefit from using video analytics. Key advantages of using analytics include:

- Help reduce overall security costs by reducing or eliminating guard costs
- Potentially reduce video monitoring costs by lowering the number of false alarms generated
- Optimize operational processes by creating customized rules and scripts
- Stop threats in advance using directional, object tracking and loitering analytics
- Minimize investigation time with a centralized, searchable database
- Simple installation and no need for additional hardware
- Improve compliance requirements with advanced project management reports
- Increase ROI using additional reporting data to improve marketing strategies
ACCESS CONTROL

Track and Manage Entry Points
Various Systems Include:

- Driver/Dispatch with Garmin
- HOS Electronic Driver Logs
- Fuel Card Integration
- Ibutton Driver Assignment & ID
- Trailer Tracking
- Heavy Equipment Tracking (DuraTrac)
- Fleet MD - JBUS/OBD II Engine Diagnostics
- Perigee Mobile Tracker – Android Based Devices
Driver Dispatch with Garmin

The Driver Dispatch application allows routing, messaging and mobile timecard information to be passed between the driver and dispatcher using the Perigee GPS Fleet Management Console. The following key features describe why this has become one of our most popular offerings:

► Routes sent to the Garmin device ensure that drivers never get lost. This improves response time
► Two-Way messaging reduces the need to use cell phones thereby decreasing expenses.
► Mobile Time Card entry allows for improved payroll tracking. This reduces payroll costs.
HOS Electronic Driver logs

Electronic Driver Log application gives your long-haul trucking the ability to record their driver logs and have the data viewable by a dispatcher in real-time. 100% FMCSA compliant - this system is extremely user-friendly for both the driver and dispatcher.

► See all log data for the entire fleet on one screen
► See actual driver logs for all activity
► Post-Trip Inspection Report
► Routing and Messaging
IButton – Driver ID

The IButton Driver ID System give drivers the ability to assign themselves to a vehicle by depressing a Dallas key into the key reader and removing. This information can then be transferred back to the Perigee application so that managers can see who is driving a specific vehicle without having to make the assignment on their own.

The system may also be configured with an ignition enable switch to make it possible so that only approved drivers can operate a specific vehicle. After depressing the Dallas key if the driver has been authorized to drive the vehicle it will start. If the driver does not have a key or has a key with a number that is not approved then the vehicle will not start.
Fuel Card integration

The fuel card integration application gives you the ability to see critical fuel purchase information and helps track unauthorized fuel expenses. It will currently integrate with FleetCor and we are working with FleetOne and EFS to do the same.
Trailer Tracking

The Trailer Tracking Technology offers the ability to track trailers at specific intervals at any time.

> Updates are typically provided 1 – 2x per day.
> Uses the GSM Network
> See trailers on the Perigee console along with other vehicles in the account using different Perigee applications.
> Alerts may be triggered for unauthorized movement or door open events.
> Terrestrial Satellite coverage available also
> C.J, Driscoll, a leading telematics research firm, has estimated that over 5 million trailers are in use today that are “ripe” for this technology.
Heavy Equipment Tracking

The DuraTrac weatherproof enclosure can track and monitor usage of heavy equipment such as bulldozers, front end loaders, generators and other pieces of equipment in the field.

> *Use reduced update plans to lower monthly costs.*
> *Track usage by engine hours for maintenance purposes.*
> *Eliminate the need to visit equipment manually to collect usage metrics to track maintenance.*
> *Increase recovery time for stolen equipment.*
Remote Engine Diagnostics

Fleet MD software allows you to retrieve engine diagnostic codes from the engine computer in either the JBUS or OBD II format - in near real-time.
Mobile Tracker– Android Device Tracking

Mobile tracker Software gives you the ability to use all of the same Perigee functionality using their Android – based Smartphones or tablets. This comes at a much lower price and negates the need to buy additional equipment.
ALARM SYSTEMS

• Alarm Systems
  – Standard Intrusion Detection
  – Partitions for Large Operations
    • Allows for Desired Areas to be Secure and Other Areas Not while in Use
  – Cell Phone Access is Possible
Questions?

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