i3 INTERNATIONAL™

Security, Safety and Compliance for a Post COVID-19 Environment

SOLUTIONS FOR RETAIL MARKETS

www.i3international.com

1.866.840.0004

Contents

Corporate Profile

Our Vision

To be the leader in integrated video solutions that assist businesses to increase profitability.

Our Story

i3 provides an intelligent, innovative, and integrated digital video solution that helps organizations create a safe and secure working environment.
At the core of our technology is our advanced Ai (Artificial intelligence) engine. This technology has enabled i3 to collect important meta-data which can help businesses and organizations drive efficiency, resulting in top and bottom-line improvement. For over 30 years, i3 has grown from a family-run business into a global brand leader in the design, manufacture, and supply of digital video solutions for today's security industry. We understand the sophisticated needs of corporate security/safety and balance those needs with an end-user's desire for simplicity and ease of use. In the 1980s, we led the industry in the research and development of video analytics software. Our innovation pipeline remains fresh with new approaches to image recognition for social distancing, occupancy alerting, data management software, video matrix software, POS and card access integrations that provide organizations with critical, timely information.

i3 International is an ISO 9001:2015 certified company with a complete line of UL/ULC listed products. Our technology uses sophisticated video compression techniques and large capacity, affordable hard drives to store and rapidly retrieve compressed video images or you can stream from the cloud. i3's technology platforms include advanced image recognition, predictive data management software, retail point of sale integration, and much more.

The Benefits of Choosing i3

- Customer Centric
- Advanced Video Analytics
- Full Turn-Key Solutions
- Integrated VMS to Drive Real-Time Alerts
- Secure Network Communication
- Powerful Video Management Software
- Open Architecture
- Integration to POS/Card Access/Facial Recognition/Thermal Imaging

Our Customer Testimonials

Wendy's

" *I'm very impressed by how proactive and detailed i3's system is. My managers love using it. Recently, we had an incident at one of my locations where we had the police involved, and even they were amazed with the quality of the system."*

– Jack Bingham, Franchisee owner

staples
work. learn. grow.

" *i3 International understands the challenges LP leaders face. They are a company that offers great products for loss prevention needs, with the flexibility to deliver business intelligence metrics."*

– Rui Rodriguez, Director of Loss Prevention

WHOLE FOODS MARKET

" *i3 has consistently provided the Whole Foods Market Asset Protection program with outstanding partnership and commitment. This is yet another example of why we insist on doing business with i3."*

– Michael Limauro, Executive Leader, Asset Protection, Whole Foods Market

SECURITAS

" *i3 International - being able to present meaningful solutions that can support our clients in a world that demands reactive, proactive and trusted solutions at a moment's notice - is invaluable."*

– Dan Valladares, Director Commercial National Accounts

Solutions

We understand your needs

The effect of COVID-19 on your business, your associates, and your customers this year has been unprecedented. Many of us, including the team at i3 International, have had to learn a new way of dealing with an ever-changing work environment. We would like to take this opportunity to thank you for your efforts and your leadership as we all emerge into what is now being defined as the "new" normal. As a leader you are often charged with being an innovator and a progressive thinker. At i3 we believe we have studied the trends from COVID-19, and we have identified new ideas and continued our trend as an innovator. Whether you are just restarting your engine or adopting earlier to this "new" normal, please read the information that follows to gain perspective and insight.

In choosing i3, we will work with you and your business partners to assess the needs of the business and provide a comprehensive report detailing recommended solutions. In this context we can also support a discussion regarding the business value in making these types of decisions.

Solutions for reopening

Contactless Entry
Automating doors along with a solution that integrates with proximity card access. Receiving or visitor doors where cameras and access control can be remotely managed.

Temperature Control, Facial Recognition and Access Control
Employee or visitor temperature check using i3's Ax19 multi-functional device.

Social Distancing
Video solutions (Ai) that measure the distance between people and using a time threshold to determine if people are maintaining the required 6' distance.

Portable Hand Washing Station
Video monitoring using Ai (Artificial intelligence) to determine if associates are using them frequently or as needed.

Occupancy Alert System (OAS)
Ai-based OAS is designed to help businesses measure and manage customer traffic control to meet compliance requirements.

Contact Tracing
Applications such as cameras with mobile device alerts that track the number of associates, visitors or customers entering, exiting, or moving throughout locations. This ensures the proper management of occupancy numbers and reduces the cost of employees assigned for manual tracking.

Facial Blurring
Powered through i3's Ai-based Video Editor technology, this software blurs faces of subjects in video footage and in a few minutes.

i3Ai Engine (Artificial Intelligence)

As you begin the journey into Ai, you will learn that it can often be a complex alignment of theories that are designed and capture unique technology streams or bits of data. At times, these bits of data or pictures can be literally in the millions. Further, as we create programs that link systems and data intelligence, we allow them to function independently or collectively. Reaching success is about taking these applications to scale and aligning them to your business strategy. Let's look at some of the key explanations surrounding Ai:

1 Context or Language Processing
Computers learn the context in how words are said and what is meant by the context of those words. Think about Siri and how Siri processes words as an example.

2 Machine Learning
The system learns based on prior data and grows its learning by adding more data to make more and more advanced decisions. Complex beyond what most people can process.

3 Deep Learning
Use different data inputs from multiple sources and allows the computer to arrive at advanced conclusions.

4 Big Data (Analytics)
Use all the data points (similar or disparate) and helps arrive at a decision point, or in some cases, multiple decision points.

5 Predictive Analytics
Machine learning then takes all of the data points and patterns and it makes a prediction on these patterns.

6 Applied Intelligence
Takes data analytic points, CCTV and other inputs to form a business decision. In the security environment a simple example would be using data from alarm and access control systems and combining that with video (facial recognition) where the system opens a door and shuts off the alarm system.

7 Computer Vision
Computer understands object recognition and remembers that object and learns what the object is.

In looking at COVID-19 and in using Ai, we can take multiple approaches to solving complex problems that in the past were done by spending many hours looking at video or trying to trace an employee or visitors' movements.

In summary, i3 will harness the many components of Ai and build a solution that meets your key business needs and strategies. Ai can change the way you do business today and is a clear differentiation point between you and your competitor.

Access Control: Contactless Entry

Access control solutions work with both proximity and facial recognition. Both are designed to release doors automatically upon entry or exit thus helping to limit any type of contact exposure. When coupled with an electronic door opening solution such as an automated door pictured below, the solution becomes a win, win. There are many benefits to access control (internal security controls, visitor management, protection of employees and business assets as examples) aside from the ability to identify various contact points during entry/exit. Building entry and exit doors are one of the highest contact points for most businesses and one where door controls can be instituted thus mitigating numerous risks to the business.
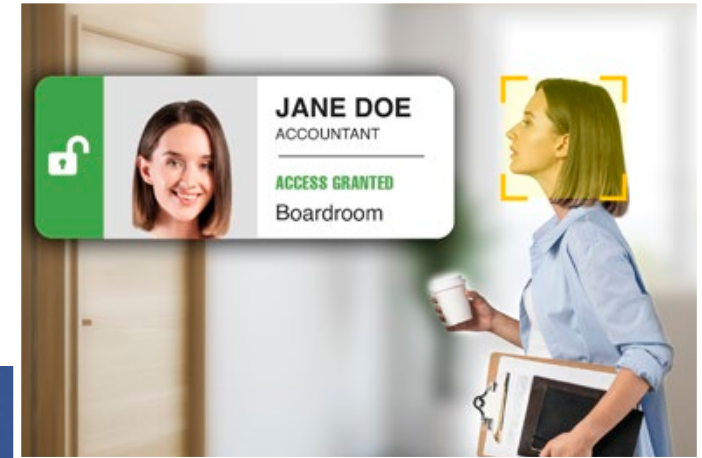
Temperature Control, Facial Recognition and Access Control

The importance of temperature validation at entry points is another key component in keeping everyone safe from COVID-19. With facial recognition built into the camera, images are retained as specific temperature measurements over time. Alerts can be generated for those not wearing a mask or exceeding temperature thresholds. This solution also can eliminate a need for live monitoring by an associate thus reducing costs. A NVR can be added to the system to ensure information is securely retained. This application will work in large building entrances, single door entrances, manufacturing locations and other business settings. Associate/visitor acceptance and privacy requirements all need to work in concert to make this solution a viable go-forward strategy.

✔ Real-time face/ mask detection

✔ Face detection technology to distinguish real faces from a picture

✔ Highly accurate face recognition using deep learning algorithm

✔ High-accuracy IR body temperature measurement

✔ Non-contact body temperature measurement

✔ 8-inch LCD touch screen

✔ Human-sounding voice prompt

✔ Stand-alone device, also ready for networking

i3's Ai-based Social Distancing system

i3's Ai-based Social Distancing system is developed to keep your work environment safe and reduce the risk of potential COVID-19 infections. Our solution helps your managers re-enforce your policy of social distancing in the work environment by providing them with real-time alerts and reports. Those alerts and reports identify how many incidents are taking place in your facility. With this data in hand managers can now take effective action and engage with the employees on how to practice social distancing.
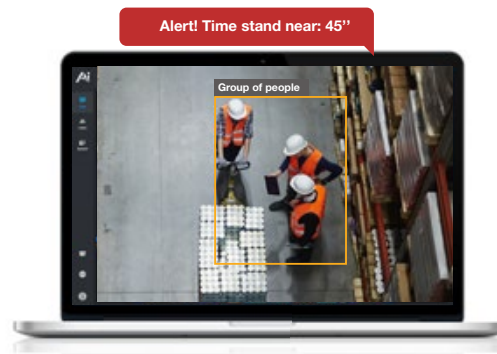
WHAT'S IN IT FOR YOUR BUSINESS?
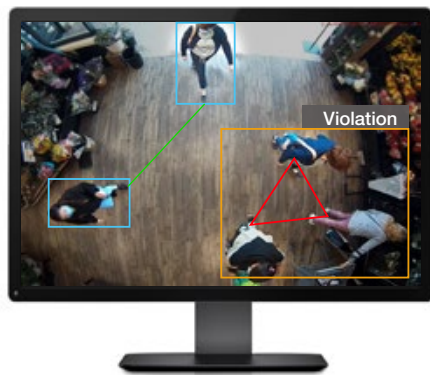
Accurate and Precise

✓ Our system streams live and can be added to your existing CCTV system.

✓ Easy to set up and maintain as our advanced Ai algorithms automatically detect the distance between people within your facility.

✓ Distance and time thresholds can be predefined and violations can be alerted.

Monitor and Act In Real Time

✓ Detect when people are standing too close for a duration of time.

✓ Identify hot spots that may cause repeat issues and where social distancing is not being adhered to.

✓ Alert your staff to potential social distancing issues through our monitor display or mobile app.

Educate, Learn, and Improve

✓ Automated reporting on social distancing issues from multiple areas within a building which helps management build and confirm that their program, process, and policies are working.

✓ Ensure accountability by receiving live and historic reports on the number of incidents which may have occurred.

✓ Compare and analyze multiples sites, regions and districts with comprehensive reports.

Portable Hand Washing Stations

Count: **183**   Duration: **19 (s)**

Staff

Portable hand washing stations are increasing in frequency and use, specifically occurring in larger complexes or buildings. Associates and visitors are encouraged to wash hands often. Promoting these procedures will help to ensure greater compliance.

Using Ai, we can help determine if this is an effective solution as Ai will capture the use and time involved in cleaning at a hand wash station. With the use of cameras as noted above in Social Distancing, reports can be generated that summarize the number of incidents and the time (queue time) that associates are taking while washing hands. With a focus on safety, the matter can be addressed with the employee or visitors using reminders and updates. The importance of hygiene and safety are key components in preventing additional spread.
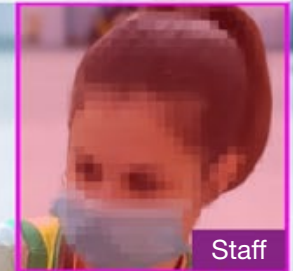
Occupancy Alert System (OAS)

How do you protect your customers and business from COVID-19? What is the new normal?

i3's Ai-based Occupancy Alert System is designed to help better your business and strikes the right balance to:

✓ Measure and manage customer traffic control within your location to assist in social distancing requirements and compliance matters.

✓ Promote the health and safety of employees, customers, and communities.

WHAT'S IN IT FOR YOUR BUSINESS?

Monitor and measure your occupancy threshold in real time

✓ Know the number of people entering and exiting with precision.

✓ Save labor costs by staffing doors only when nearing capacity.

Track and report customer wait times

✓ Provide the estimated waiting time for customers outside the store.

✓ Understand peaks in traffic flow and have your team acknowledge the actions taken to manage occupancy.

### Provide accurate and real time interactive notifications

✓ Receive immediate alerts on a public view monitor and i3 CMS mobile app.

✓ Ensure accountability by receiving live and historic user defined audit reports (including reports for multiple locations to manage larger groups and regions).

✓ Connect securely to our i3 Cloud solution and provide video confirmation of actions taken by associates.

Contact Tracing Using Video
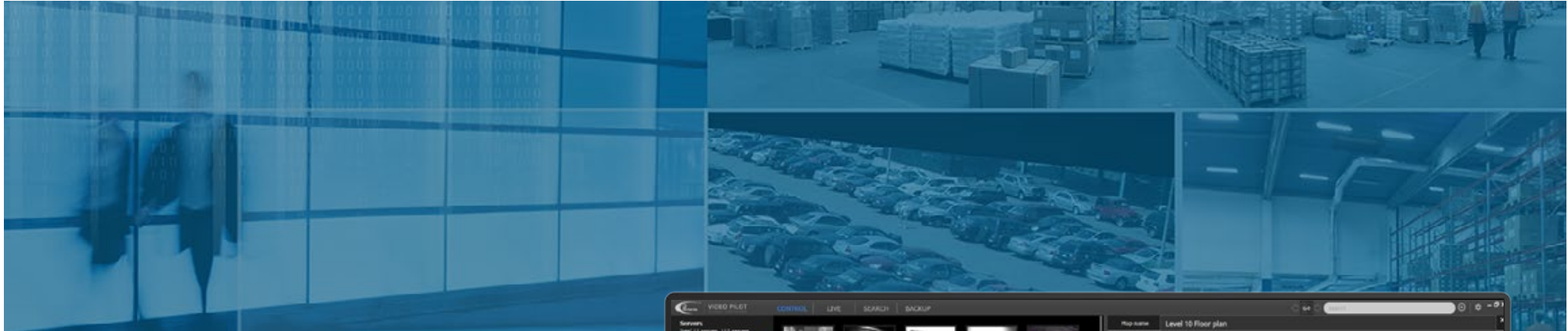
Contact tracing can be about tracing someone through a location across multiple camera views and using these views to document contact with another person or a surface point. Contact tracing is a challenge with video systems encompassing many cameras. As a person moves from the view of a camera into the view of another, the user is challenged to select the correct "next" camera. To assist in this difficult task, i3 has developed a "Linking" feature. When a single camera is being viewed, the five cameras located closest to the camera being viewed, are displayed to the right of the main image.

This linking and mapping feature is fully integrated to i3's CMS server for multi-location management and control.
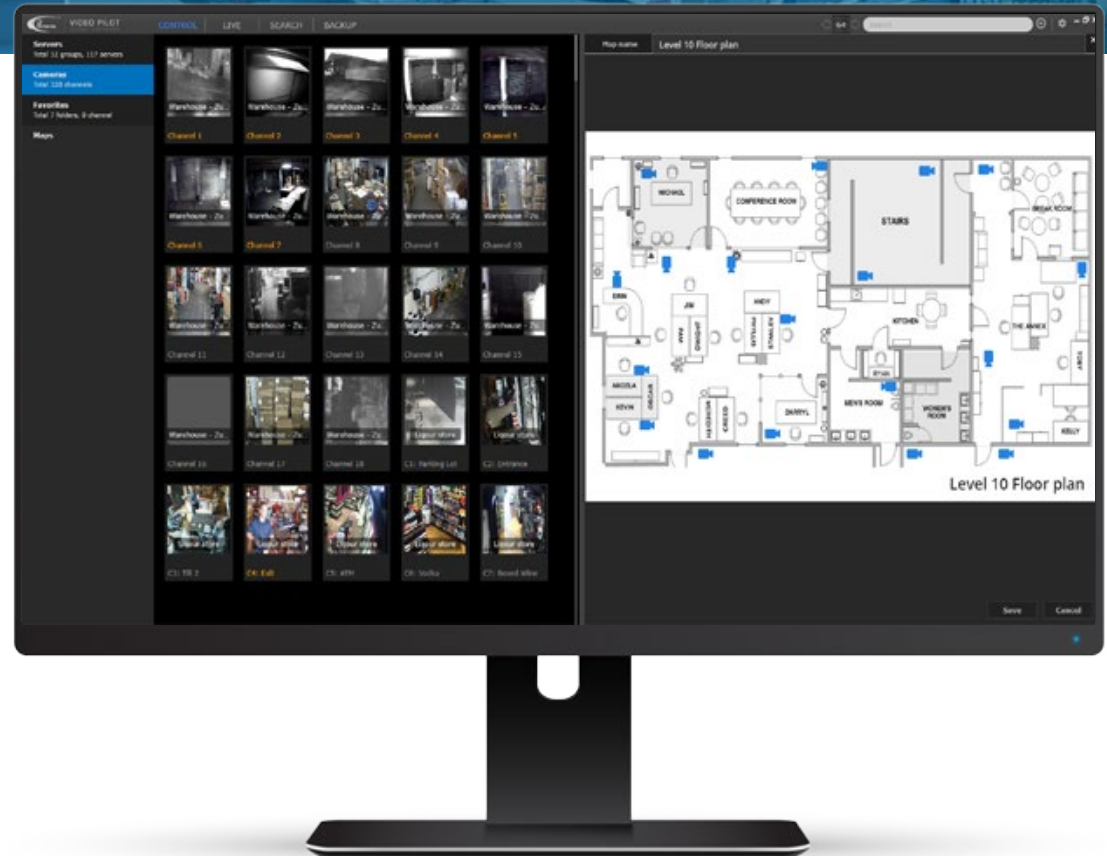
Alert Center (AC)

There are multiple alert types that can be established through the alert center, providing both static reports and real-time alerts. Static reports provide historical perspective and allow for additional analysis. Real-time alerts generate updates that will allow you the ability to step in and make critical decisions-in the moment. Both solutions are produced from our Ai engine and can flow via our mobile app or email. Users can establish the parameters of those reports so that alerts are meaningful and actionable. Single locations or multiple/enterprise locations can both be accommodated.

How it Works:

✓ Ai video alerts and physical triggers are generated in real-time.

✓ Alert Center is fully integrated to our VPC and CMS platform.

✓ Low bandwidth consumption-alerts are only triggered and transmitted when pre-determined criteria are met.

✓ Alerts can be received directly on viewing software or via email.

✓ Ideal for large enterprise systems monitoring several locations at once.
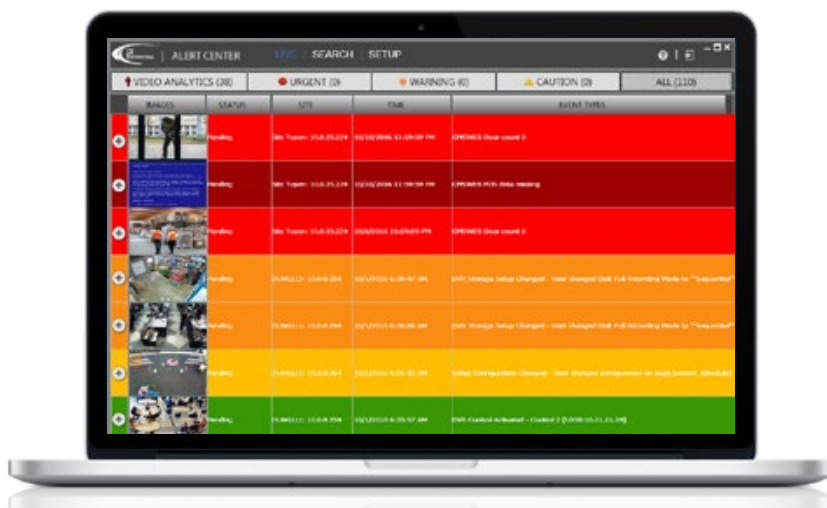
Facial Blurring by i3's Video Editor

Keep the identities of your subjects anonymous.

- Powered through i3's Ai technology, this software blurs faces of subjects in video footage.
- Upload any .mp4 or .avi footage, and filter your video by facial identity.
- Save time; load footage and blur the faces of subjects in minutes.

Key features of i3's Video Editor:

Facial Blurring
The face-blurring application uses i3's patented Ai technology to detect human faces and automatically blurs out the identity of a specific subject.

Powered by Ai
i3's artificial intelligence improves the accuracy of identifying faces from multiple angles.

Ease of Use
Video Editor software is user-friendly and does not require any formal training in order to learn how to use it!

Hardware

Integrated Video System: Why A Designed Video System Is Helpful For Contact Tracing?

As i3 designed its integrated video systems we identified opportunities that existed within the functionality that related to contact tracing. Recorded video provides you the ability to trace an individual or a group around a location for a set period of time. Who did they interact with and what surface touch points did they encounter? Our video system has the ability to trace these points from camera to camera making the review process much easier and a clear time saver. Cameras are aligned within a common area, labeled, and plotted to facilitate this process. The layering of technology into an integrated platform allows for the enhancement of operational synergies and expense management.

i3 manufactures end-to-end, turn-key CCTV security systems. Our hardware is known for outstanding production quality, ease of use, and is backed by an industry-leading warranty program.

IP Dome Cameras

Internet Protocol or IP cameras exist today in many sizes, shapes, and configurations. Cameras transmit high-quality video over network cables to a central hub where the video will be stored. i3 is able to provide NVR (Network Video Recording) solutions or cloud-based storage alternatives. i3 has a comprehensive line of IP Dome cameras that will ensure maximum coverage in your location. The quality of higher megapixel cameras enhances your ability to investigate incidents and make informed business decisions. All while protecting your associates, visitors, and lastly, your brand.

OUTDOOR 3MP IP DOME
WITH MOTION-SENSOR WHITE
LIGHT (Ax65W)

OUTDOOR 1.3MP IP DOME

1.3-3MP MP INFRARED IP DOME WITH FIXED LENS

OUTDOOR 4MP IP DOME +BNC

8MP ZOOM DOME

Contact us: **1.866.840.0004** | *info@i3international.com*

IP Fisheye Cameras

Also known as 360° IP Cameras, i3's fisheye cameras are built with ultra-wide-angle lenses that yield a wide panoramic or hemispherical image. This image provides a full top-view image of an area and can provide Ai reporting as part of its offering. These cameras can take the place of 4 cameras, can be zoomed in for enhanced review and provide exceptional quality and imagery. Less number of cameras means less wiring and labor spent on wiring. More traditional camera installations each require individual cable runs driving costs up. With better coverage and less cost, a Fisheye or 360° camera can be a proven winner and a great addition to your strategy in making the workplace safer.

12MP FISHEYE DOME

- HD streaming
- 360/180° view angle
- Up to 15m IR range
- H.264/MJPEG streams

Order time

Queue time

3MP FISHEYE NETWORK DOME

6MP FISHEYE NETWORK DOME

i3 Smart Subscription Package

The i3 Smart Subscription Package is a cloud-based subscription program designed to maximize your location's surveillance while providing key business intelligence and actionable analytics to optimize your store operations, maximize returns while minimizing risk and liability.

Whether you are a small business owner, or a large enterprise with multiple locations, i3 has a solution for you!

	Contact Tracing Package	Social Distance Package	Occupancy Control Package	Enterprise OAS, SD CT Package
Hardware	✔ **Location Contact Tracing System (U1)**	✔ **Safe Social Distance, System (UR)**	✔ **Occupancy Control System (UR)**	✔ **Powerful Occupancy, Social Distancing & Contract Tracing System (UR)**
	✔ 6TB Storage drives	✔ 6TB Storage drives	✔ 6TB Storage drives	✔ 12TB Storage drives
		✔ Ai GPU Graphics Card	✔ Ai GPU Graphics Card	✔ Ai GPU Graphics Card
Camera			✔ 3 x 1.3MP 2.8mm Dome Camera	✔ 3 x 1.3MP 2.8mm Dome Camera
Software	✔ Includes 16 IP/Analog Licenses	✔ Includes 16 IP/Analog licenses (Plus 8 with additional i3 cameras purchased)	✔ 4 IP licenses	✔ Includes 16 IP/Analog licenses (Plus 16 additional with i3 cameras purchased)
	✔ Heat Mapping	✔ Artificial Intelligent License (2)	✔ Artificial Intelligent License (3)	✔ Artificial Intelligent License (4)
	✔ Cloud Service	✔ Cloud Service	✔ Cloud Service	✔ Cloud Service
	✔ Anti-Virus Software	✔ Anti-Virus Software	✔ Anti-Virus Software	✔ Anti-Virus Software
	✔ Mapping	✔ Mobile app	✔ Occupancy Reports	✔ Occupancy Reports
	✔ Health Monitoring	✔ Health Monitoring	✔ Health Monitoring	✔ Health Monitoring
	✔ Mobile app	✔ Management Reports	✔ Management Reports	✔ Management Reports
	✔ Remote Set-up	✔ Remote Set-up	✔ Remote Set-up	✔ Remote Set-up
		✔ Heat Mapping	✔ Mobile app	✔ Heat Mapping
			✔ Support PVM	✔ Support PVM

Let us help you choose your preferred package, speak to an i3 representative today!

i3 International Fuels THE KENT COMPANIES with its i3Ai Analytics

For the Kent Companies, easy doesn't mean simple.

The Kent Companies of West Texas prides itself on a strong family business culture. Its roots run deep in the community through a range of businesses that include Kent Car Wash, Kent Tire, Avis Lube, Kent Kwik, Mr. Payroll, Huddle House, Rustic Café and Baskin Robbins. This breadth of reach allows The Kent Companies to daily achieve their slogan of "making your life easy" for the customers of their various ventures in a variety of ways.

But delivering "easy" to customers and clients isn't simple. When customers experience smooth and effortless service in their dealings with The Kent Companies, sophisticated methods are behind it. Efficiency is key. To identify efficiencies, The Kent Companies has recently been implementing video analytics and artificial intelligence (AI) amongst a range of sophisticated tools. The Kent Companies selected i3 International, a company that specializes in business compliance and efficiency tools using video surveillance.

i3's Ai solution interprets surveillance video and delivers business data and insights that The Kent Company then translates into enhanced performance. Understanding that

Photo: thekentcompanies.com

people have long to-do lists, shortening the waiting time for routine errands such as car maintenance, is a priority. Initially, The Kent Companies completed a trial of i3's Ai solution at one of their Avis Lube outlets. The goal was to quantify the number of cars entering each bay and the time taken to service them. Technicians mounted i3's wide angle cameras for the best view of service bays and queues. i3's Ai module then counted individual cars in the cameras' view and tracked service times. This information, once collected, was then stored in i3's Cloud Managed System. Managers could then easily review the efficiency of the Avis Lube operations via the Internet, using i3's CMS solution, while the customers benefitted from shorter wait times.

The Kent Companies went on to apply i3's technology to its convenience store operations as well, further facilitating better customer experiences. Video analytics in combination with door count, POS data, and heatmapping allows The

Kent Companies to further understand customer behavior and anticipate their needs. Managers can enhance their business and marketing operations by reviewing concise daily reports spotlighting the number of clients entering a store, the average sales and how long the customers stay. These statistics indicate to managers how to best schedule their staff during peak hours, where to place high-margin items for best exposure and when to train staff to suggest featured products and services to increase the average transaction amount.

Armed with i3's Ai data, The Kent Companies were able to fine-tune their service model and become even more efficient. The Kent Companies found the i3 international systems so useful that the solution was rolled out to 14 additional Avis Lube stores and to 75 other locations. An easier life is on the horizon for the residents of West Texas when they deal with The Kent Companies.

A Video Surveillance System That Pays For Itself And Generates ROI

Cosentino's Food Stores is a family-owned business whose mission is to offer customer the highest level of friendly, efficient and courteous service since 1948. With 95% of their stores using i3's video surveillance systems, we thought it was about time we caught up with Chris Vandiver - Loss Prevention Manager - to talk about security, video surveillance systems and the synergy between the two companies.

Chris, why don't we start with your role at Cosentino's and your relationship with i3?
I overview everything when it comes to installing and maintaining the video surveillance systems at Cosentino's Food Stores. We have been using i3 since about 2004 and our relationship has evolved since the beginning; we started by buying only recorders but along the years, we have moved to getting complete systems from i3.

What does a standard system look like nowadays?
Our average store is around 90,000 sq.ft. and we plan to have coverage for all areas. For instance, our last 3 installations included 5 to 6 recorders and 100 to 130 cameras. We complete the installation with the remote viewing software from i3, which is easy to use.

This is quite the comprehensive coverage, how does Cosentino's use their video surveillance system?

We use this system for all kinds of things. We monitor compliance at the front end, we investigate liability and worker's comp claims, for exception reporting, in addition to keeping an eye on external theft. We also monitor our back doors and we record what happens around our dumpsters as we have resolved cases of internal and vendor's frauds, thanks to that footage.

These days, we often hear that LP/AP has to do more with less, how do you justify your investment in video surveillance?
The sale to the Executive team is pretty straight-forward actually. The video surveillance system pays for itself in every location and brings ROI within 4 to 5 years, simply with the false worker's claims that we were able to uncover and avoid a wrongful lawsuit. In most stores, we find that people will test the system and someone may file a fraudulent claim, to see what happens. Once we show the clear video evidence to

the lawyer, not only does the case fall apart but the word also spread at the store.

At what point do you decide that it is time to update the video surveillance system at your location?
We we remodel or relocate a store, we upgrade the system to IP. Otherwise, we plan store by store and we select a hybrid solution, allowing us to keep and leverage our existing coaxial infrastructure and with i3's HD-over-coax technology, we get a very clear image.

In conclusion, could you tell me about your relationship with i3? Also, would you recommend i3 to others?
I would definitely recommend i3 to others. The customer service is outstanding. When we have an issue, they are quick to respond and we get all of our information in one place.

Staples Uses Advanced Video Surveillance Technology To Capture Shoplifting Ring Thanks To i3 International

MISSION

With 10-year-old first generation video security DVR units beginning to falter by the thousands, many large retailers have begun to struggle with their outdated video security systems and at Staples Canada's 328 nationwide stores this growing problem was no different. Last year, when Staples took a good hard look at their single platform security equipment with limited features and problematic servicing, they set a plan in motion to upgrade their entire surveillance system. The main objective was to find an expandable system that will not require a complete replacement in another 10 years, but rather one that could easily be upgraded with the latest technological advancements like the implementation of video analytics and store metrics. The replacement contenders had to offer seamless integration for future expansion and offer trouble-free performance.

SOLUTION

In their bid to find an ideal replacement video security solution, Staples' Executive LP team reviewed eight video security equipment providers. As with many retailers, their focus was on price and product scalability that was flexible and easy to integrate. But in addition to those common deciding factors Staples discovered one particular provider stood above the crowd offering not just "more for less". But rather a company with a knowledgeable team that displayed the importance of building a collaborative partnership. Toronto-based video security solutions provider, i3 International, was ultimately selected for meeting Staples' criteria as well as for the comfort level that they provided. "I truly believe i3 is a team of people geared towards understanding the customer's needs", says Rui Rodriguez, Director of Loss Prevention at Staples Canada.

Rui Rodrigues National Director, Loss Prevention for Staples Canada.

RESULT

With the expertise of i3 International's knowledgeable team, Staples began their security system switchover in spring of 2011 using i3's advanced video surveillance hardware and software. Staples acquired equipment to convert their entire chain of stores and commenced the initial roll out of new NVR units to 150 Staples stores in 2011, along with the employment of door counting software, video analytics and IP cameras. Staples' goal for the initial 150 stores equipped with new i3 surveillance systems is to measure "unconverted opportunities" in order to create targets and implement strategies for sales growth. After the initial installation Staples Loss Prevention personnel began to see immediate benefits of their new systems. Thanks to i3's Network Video Recorders, investigators were now able to "remote-in for investigations without having to travel, thus cutting down on travel expenses", states Rodriguez. Additionally, new surveillance equipment has assisted in a large investigation impacting 12 of the Staples stores that helped put an end to an Organized ink cartridge shoplifting group. Thanks to i3 International's new 2 Mega pixel IP cameras which offer premium picture quality and clarity, police officers were able to identify and apprehend the shoplifting ring suspects.

i3 INTERNATIONAL

INTELLIGENT VIDEO DRIVING PROFIT

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Let us support you in giving your business an edge against competition.

Schedule your personalized i3 tour with one of our specialists today!