

iGuard 360°

**MORE
EFFECTIVE
CONSTRUCTION
SECURITY**

SECURITY DONE RIGHT.



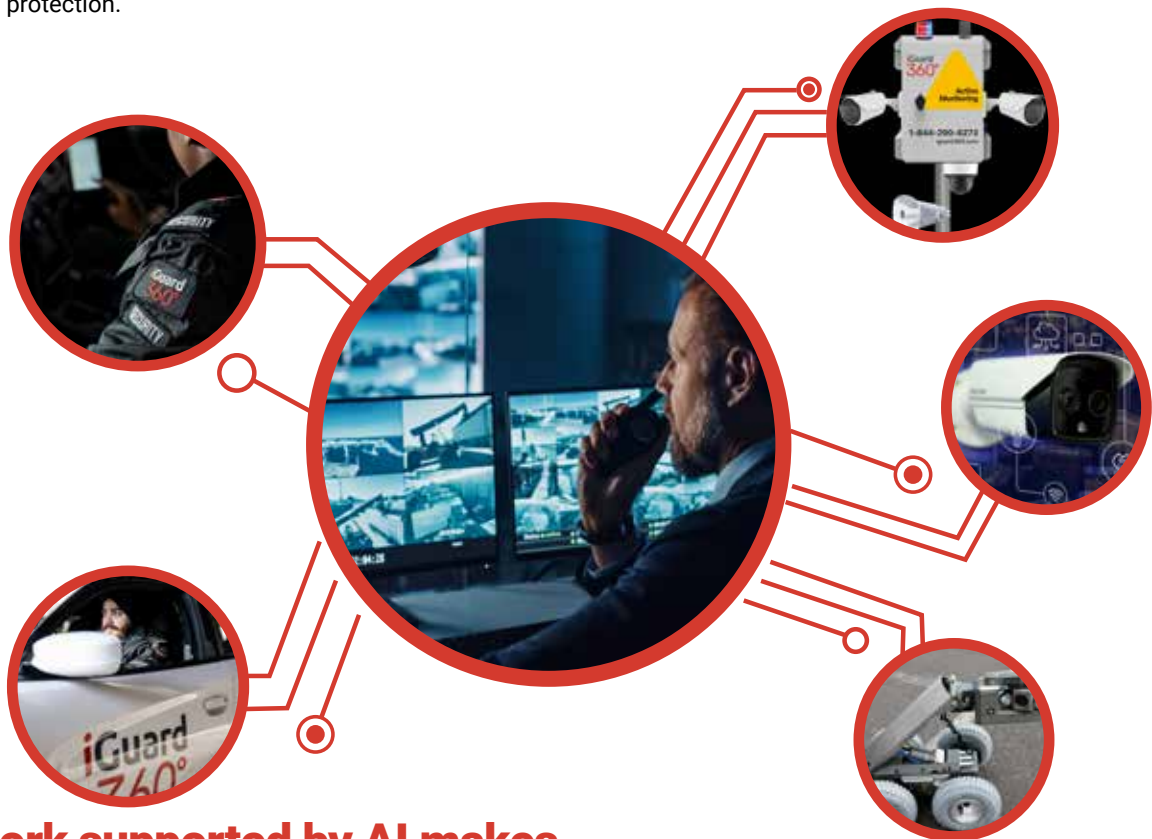
The Multiplier Effect.

The iGuard360° Multiplier Effect combines people with technology for a more effective construction security solution.

Traditional security services typically offer just security guards or cameras to cover a construction site. But security guards can't be in multiple locations at the same time and cameras alone can't always identify true threats or job site risks.

iGuard360° is the security firm that effectively combines people and technology to deliver multiple layers of security, ensuring your job site is safe.

Depending on the requirements for your construction site, iGuard360° can incorporate a strategic mix of cameras, robot rovers, an autonomous security unit, and on-demand mobile patrols, all of which are networked through the Global Security Operations Command Centre - creating the iGuard360° Multiplier Effect. These combined components multiply your level of coverage and protection.



A network supported by AI makes iGuard360° operators more effective.

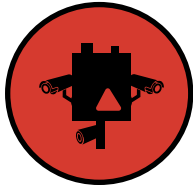
Our state-of-the-art network is supported by AI - artificial intelligence. What does this mean? Our systems instantaneously process footage from hundreds of cameras and sensors and accurately identify potential issues and threats. This ensures iGuard360° operators take action and deploy resources to where they're needed.

But it goes further. iGuard360° cameras can detect and send a notification when a job site visitor is not wearing proper personal protective equipment (PPE), allowing an iGuard360° operator - or even the job site Health & Safety official - to take action.

This strategic mix of people and technology represents the more effective approach to construction security and a smarter use of your security investment.

Available Package Options.

iGuard360° offers smart, multi-layered security ensuring the most effective solution for your needs. Our packages are fully customizable based on your job site and budget and may include any combination of these features:



iGuard360° Autonomous Security Unit.

The iGuard360° Autonomous Security Unit is a NEM-4, powder-coated carbon steel box linked to the iGuard360° Command Centre via a secure, high-speed LTE connection. It can be installed in any elevated position, including on a hydro pole, a high fence, or even in a boom lift. It features three stationary long-range, high-definition cameras, an LED Flare strobe light on top of the unit that acts as a detector and deterrent, a horn that can deter threats (upon detection), and a loudspeaker to facilitate audio challenges.



Cameras.

iGuard360° can install high-definition cameras at key locations across your job site to ensure seamless coverage. These cameras have visibility of up to 1,000 meters - even in complete darkness. Each camera is linked to the iGuard360° Command Centre using a secure, high-speed LTE connection. These cameras allow for remote video patrols: scheduled reviews of each camera feed of all critical points of the job site.



Robot Rovers

iGuard360° offers an option for autonomous, wheeled robot rovers. They're robust and can handle the dirt, dust, and the roughest job sites. They can be remotely controlled by iGuard360° operators (for example, when responding to issues), or programmed to follow a predetermined patrol route around the site. The rover comes installed with high-definition cameras, a strobe light, a horn that can deter threats, and a loudspeaker to facilitate audio challenges. Unlike human security guards, the iGuard360° robot rover never tires, doesn't need breaks, and represents a new age of job site security.



Mobile Patrols

iGuard360° mobile security patrols can be at random, regularly scheduled, or on-demand. Our vehicles are GPS and camera-equipped, and our mobile operatives are trained in tactical response as well as health and safety regulations, enabling them to deal with any situation that may arise. These mobile security patrol units maintain 24-hour synchronization with the Command Centre, ensuring they can respond quickly, efficiently, and be there when you need them.



Guards

When what you need are 'boots on the ground', iGuard360° security guards are highly trained in tactical response, health and safety regulations, and traffic control. iGuard360° security guards follow a Patrol Tour System, wear the appropriate personal protective equipment (PPE), including high visibility clothing, and maintain 24-hour synchronization with the iGuard360° Command Centre, 24/7, ensuring they always have complete situation awareness. Our iGuard360° guards are people armed with technology.



Global Security Operations Command Centre.

More commonly referred to as the Command Centre, this state-of-the-art facility is where our highly trained and specialized iGuard360° operators manage all security components across our network of sites, including cameras, security guards, mobile response teams, and more. Each operator has at their fingertips, a cutting-edge suite of advanced analytics and AI-supported systems that enhance their effectiveness to accurately identify threats and deploy the resources to suppress those threats.



ADDITIONAL PACKAGE OPTIONS.



Tour System.

To monitor and validate the movements of our guarding and mobile patrol teams, iGuard360° employs our own proprietary tour system. This system enables our Command Centre and our team of supervisors to track which areas have been visited during a shift. We employ strategically placed QR codes to confirm visits to critical points on your construction site, and to ensure that patrols are checking your high-value equipment for security and safety.



Real-Time Reporting.

iGuard360° prioritizes transparency in our reporting, so we've implemented measures to ensure our clients have real-time access to incident and tour reports. We provide you with a dedicated login to our incident reporting system, "Communities," so you can easily review and search incidents by date, severity, and type (including Health & Safety events) at any time.



Fire and Leak Alerts.

Through the use of multiple on-site high-definition cameras and our iGuard360° AI platform, our iGuard360° Command Centre operators can receive notifications for many types of construction site hazards, including smoke, fire, water leaks, and more. Upon receiving such notifications, our operators will deploy your preferred response, including dispatching emergency services, as required.



Timelapse Video.

iGuard360° can also offer additional tools to our construction clients, including timelapse video. Upon request, iGuard360° will install several strategically placed cameras around the job site that record continuously as the construction project progresses from the groundbreaking stage through to project completion. Once completed, iGuard360° can assemble this time-lapse video for scheduling, reporting, marketing, or other needs.

HOW IT WORKS:

AUTHORIZED VS. UNAUTHORIZED ENTRY.

Construction sites are prime targets for thieves and other trespassers. This doesn't only pose a risk of financial loss for your firm but there can also be a risk of injury or death for the intruder. iGuard360° aims to accurately identify an intrusion event and respond to effectively clear and re-secure the site. This is how it's done.



1. CAMERA DETECTS MOTION

Through cameras located on-site and AI-driven suite of behavioural analytics, a potentially unauthorized entry is detected and determined to be a credible threat of an unauthorized entry, triggering an alert to the Command Centre.



2. ALERT NOTIFICATION

3. SITUATION ASSESSMENT

At the iGuard360° Command Centre, our AI platform processes thousands of incoming events and flags those likely to be credible threats. In this scenario, an unknown person has entered the construction site at an unusual hour or through an unauthorized point of entry. A Command Centre operator is immediately alerted and assesses the risk.



4A. EVALUATION: UNAUTHORIZED ENTRY

In the event of an unauthorized entry, which could include an attempted or actual break-in to the construction site, the Command Centre operator will determine the most appropriate intervention option, which could range from deterrence to emergency response.

INTERVENTION OPTIONS



Audio Challenge. The operator challenges the intruder over a loudspeaker.



Robot Rover. The Rover is deployed to the location of the intruder to challenge the unauthorized entry using a strobe light and loudspeaker.



Mobile Patrol. An iGuard360° tactical response patrol vehicle is dispatched to the site to investigate and secure the location.



Police / EMS. If warranted, emergency services (police or ambulance) are dispatched to the construction site.

4B. EVALUATION: AUTHORIZED ENTRY

In some instances, and following the assessment by a Command Centre operator, a motion alert will be deemed to be an authorized event. Once verified, an incident report is issued to the job site authority.

5. INTERVENTION/COMPLIANCE

Through one or more of the intervention options, the intrusion is halted. A mobile response unit resecures the construction site.

6. REPORTING

After the event has been rectified, iGuard360° issues a report summarizing the incident to the site authority.



HOW IT WORKS:

IMPROPER PPE SCENARIO.

Effective health and safety practices are critical on any construction site. Making sure that all individuals are wearing the appropriate personal protective protection (PPE) is of utmost importance. iGuard360° provides the tools that can assist your Health & Safety team to ensure individuals are wearing their PPE, ensuring their safety and your compliance. This is how it's done.



1. AI DETECTS IMPROPER PPE

Through cameras located on-site, the iGuard360° AI driven suite of behavioural analytics, an individual is observed not wearing a safety helmet on the job site. The analytics are trained to check that all individuals who enter the job site are wearing safety helmets, high visibility vests, and/or eye protection, as per your pre-established guidelines. When the system identifies an individual without the proper PPE, an alert is automatically transmitted to the Command Centre.



2. ALERT NOTIFICATION

NOTIFICATION OPTIONS



1. SITE SUPERINTENDENT



2. HEALTH & SAFETY ADMIN



3. SECURITY

3. SITUATION ASSESSMENT

At the iGuard360° Command Centre, our AI platform processes thousands of incoming events and flags those likely to be credible threats. In this scenario, a person is flagged for not wearing the appropriate PPE. A Command Centre operator verifies the risk and triggers a notification to the appropriate authority on site, all in a matter of moments.



4. INTERVENTION/COMPLIANCE

With the priority alert received by the iGuard360° Command Centre, the site authority - either a Site Superintendent, a Health & Safety representative, or the on-site Security Guard - receives the information to take action and correct the issue. In this scenario, the person is provided a safety helmet and directed to wear it.

5. REPORTING

After the event has been rectified, iGuard360° issues a report summarizing the incident to the site authority.





THE iGUARD360° MULTIPLIER EFFECT

More Effective Construction Security. Smarter use of your Investment.

The iGuard360° Multiplier Effect combines people with technology for a more effective construction security solution. We employ a strategic mix of cameras, robotic rovers, an autonomous security unit, and on-demand mobile patrols, all of which are networked through the Global Security Operations Command Centre. These tools, supported with AI and a cutting edge suite of advanced analytics, the iGuard360° Multiplier Effect provides the more effective approach to construction security and a smarter use of your security investment.

To learn more about our construction security options and how they'll work for your business and within your budget, contact your iGuard360° representative.

iGuard 360°



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