

Positional camera tracking

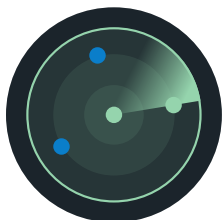
Extract positional data from any camera to track intrusions

Use your video surveillance camera as a GPS source with the positional camera tracking feature of KiwiVision™ video analytics. Track your targets' positions on a map and get actionable insights with Security Center Restricted Security Area (RSA) Surveillance.

Is your organization experiencing the following challenges?

- Lacking visibility on the exact location of intrusion events with traditional video analytics
- Getting visual verification on alarms or events of a breach, but missing positional data
- Unable to visually track intruder movements within restricted areas in real-time to assist with incident response
- Relying on costly intrusion detection sensors such as radars to enable tracking capabilities

Preventing intruders from entering your protected perimeter is critical to ensure the safety and security of your site. Organizations rely on two common methods to protect their restricted areas.



First, you can rely on specific perimeter intrusion detection systems such as radars, lidars, or microwave sensors to detect and track intrusions. These sensors can collect geo-coordinates of intruders and display their movements on a map. However, they can be quite costly to implement.



Alternatively, you can leverage video analytics and existing cameras mounted at your perimeter fence to detect intrusions. This method is cost-effective but does not provide you with the ability to track movements of intrusions on a map, limiting your visibility and ability to effectively respond to incidents.

Industry:

Critical Infrastructure

Applications:

Security Center · Video Surveillance · Security Center Restricted Security Area (RSA) · KiwiVision video analytics

Category:

Security · Operations · Intelligence

Key benefits

Monitor movements beyond the fence line

Gain more value from existing cameras used to monitor fence line

Detect and identify the exact locations of intrusions at your perimeter fence

Visually track the movement of the intruder on a map in real-time

Automatically track objects across multiple cameras

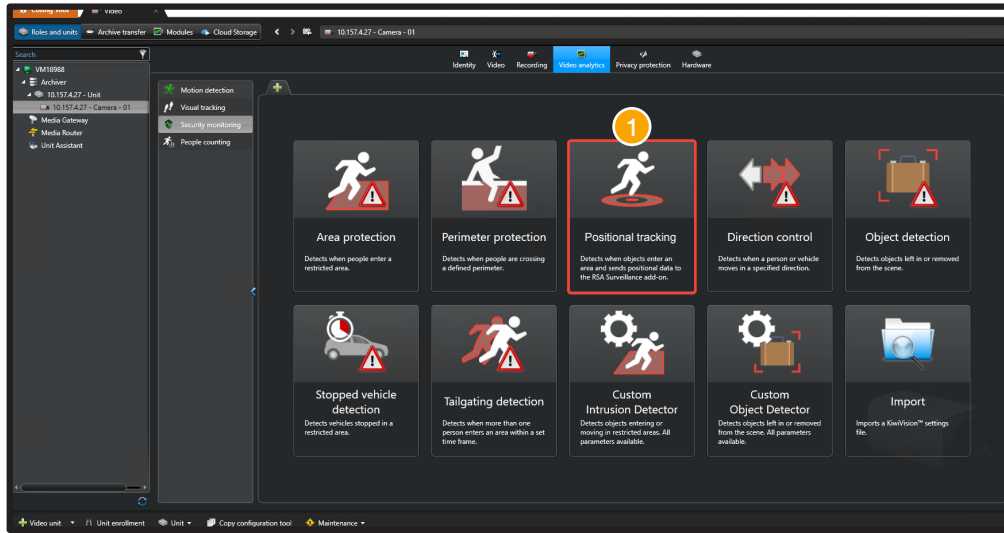
Gain insights on target position with analytics

Centralize your operations by using one unified system

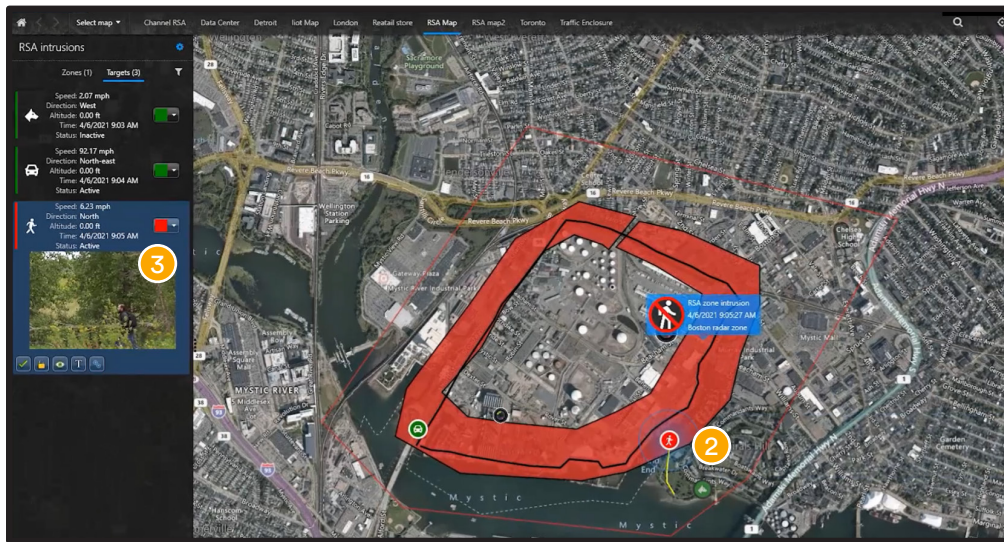
A better approach exists today

Shift your system capabilities from perimeter intrusion detection to perimeter surveillance, providing you with greater situational awareness of what is going on at your site. The positional camera tracking feature within Security Center adds a layer of intelligence to your existing cameras by allowing you to locate intrusions and track them on an interactive map. Your cameras can now be used as a radar without the price tag associated with these types of deployments.

How it works



- 1 Access the new “Positional tracking” tab in Security Center upon installing KiwiVision video analytics and Security Center Restricted Security Area (RSA) Surveillance



- 2 Intruder tracked on a map in real-time
- 3 Camera feed of intruder available in real-time for visual verification

System requirements

Product description	Part number
<p>Security Center Restricted Security Area (RSA) Surveillance License RSA base license. The RSA Professional or Enterprise package is required depending on the number of connections needed. The RSA Professional package is limited to 20 short-range sensor connections while RSA Enterprise is unlimited.</p>	GSC-GAP-RSA-PRO or GSC-GAP-RSA-ENT
<p>KiwiVision Short-Range Sensor License KiwiVision short-range sensor license connection in RSA as well as KiwiVision video analytics license (1VAS). The number of connections varies depending on the number of cameras requiring analytics.</p>	GSC-GAP-RSA-1VAS

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