

OverWatch Infracrion Notification System (OWINS)

Addressing Urgently Needed Innovations in Rail & Transit Safety

Transit networks are exploring many solutions to improve the safety of their rail systems. Global Green Worx and its world-class partners provide tools to augment existing investments and help make the systems that are in place better integrated and more effective.

Security cameras are only as effective as the monitoring process of which they are part

The OWINS system operates 24/7 and uses computer vision and sophisticated confidence algorithms to send instant categorized alerts, providing precious extra moments to notify mission control personnel so that they can take action to save lives.

OWINS Video Management System Integration:

OWINS can be integrated with Genetec, Milestone, Digital Watchdog, and other popular security and video management systems (VMS) to send its alerts. By integrating with existing systems and sensor hardware, OWINS eliminates the need for employees and professionals to adopt new tools, reducing obstacles to making measurable improvements in security and safety necessary to **save lives**

Examples of OWINS capabilities include the detection of:

- Firearms
- Video smoke / flames detection

According to The Violence Project, of the 13 school mass shooters recorded between 1989 and 2021, 100% used a rifle, semiautomatic assault weapon, and/or a shotgun, representing weapons that cannot easily be concealed. Typical behaviors include driving up in a vehicle, pulling weapons out of the trunk or backseat before entering transit system grounds.

Metal detectors are effective at detecting hidden weapons, but they still depend on human operators and can potentially be bypassed by climbing fences and other barriers.

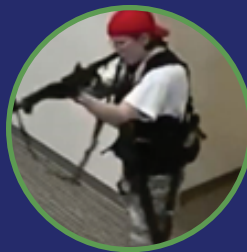
Visual coverage of the entire transit system perimeter is a difficult and expensive task with security personnel alone.



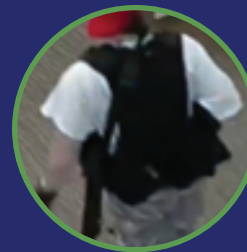
OWINS leverages the latest advancements in Analytics and Systems Integrations

10 seconds can make all the difference in a security / safety situation, enabling security staff to:

- Secure unattended bags/ packages
- Abnormal crowd clustering
- Loitering
- Other code infractions



Example 1:
Clearly visible gun detected:
99% confidence.



Example 2:
Mostly hidden gun detected:
94% confidence.



Example 3:
Individual sleeping on bench:
99% confidence.