



SECURITY SOLUTIONS FOR EDUCATION

PRESENTED BY EOS AUSTRALIA

We strive to give Peace of Mind to Millions.




EOS is a premier Value Added Distributor (VAD) with 30 years of experience providing tailored electronic security solutions across Australia. EOS offers comprehensive services, from consulting and sales to technical support and training, ensuring maximum value to all our stakeholders. With a dedicated team and strong industry partnerships, we empower our customers with cutting-edge technology and unwavering support, earning us recognition as one of the leading electronic security distributors and solution specialists in Australia.



CONTENTS

CASE 1 : Pick-up and Drop-off Zones	5
CASE 2 : Undetected Emergency Incidents	9
CASE 3 : Smoke & Fire Prevention	13
CASE 4 : Perimeter Intrusion Detection	17
CASE 5 : Emergency High-Risk Alerts	21



*We strive to give ...
Peace of Mind to Millions.*



SECURITY SOLUTIONS FOR EDUCATION

Dangerous road conditions due to heavy traffic during School Zone increases the risk of accidents and compromises the safety of students and community members.



1

CASE

Pick-up and Drop-off Zones



CHALLENGES

Parents' and guardians' vehicles in no-stopping zones creating unwanted traffic and dangerous road conditions for young students.

Parents and guardians instructing students to hop on and off in high traffic areas.



HOW TO REDUCE
**SCHOOL
ZONE**
TRAFFIC
CONGESTION

Product Reference: Hanwha Vision X/P series with AI Analytics

EOS SOLUTION

CUSTOMISED NUMBER PLATE DISPLAY

ANPR System (Automatic Number Plate Recognition)



- Number plates registered to the system display the name of the associated students
- Teacher on duty to allow only associated students to proceed to the pick-up area

Optional: Number plates in no-stopping zones are tracked and alerted to governing body to ensure safety and efficiency.

ERU91E	Sharyn Palmer	1 min
DPF77F	Brian Bright	3 min
BX19HY	Not Registered	10 min
YDQ43K	Not Registered	10 min
NBV57N	Not Registered	10 min
CEC27P	Not Registered	11 min
DDB13M	Not Registered	12 min
CTB9	Not Registered	13 min
EDF60B	Not Registered	14 min

Product Reference: Digifort VMS / Digifort LPR powered by Carmen Engine / EOS LPR Dashboard / Hanwha Vision X series AI / Hanwha Vision P series AI



We strive to give Peace of Mind to Millions



SECURITY SOLUTIONS FOR EDUCATION

Most campuses have large expanses of empty spaces and unsupervised areas. Through CCTV surveillance, we can reduce the risk of undetected incidents.



2

CASE

Undetected Emergency Incident



CHALLENGES

Large open spaces – students during break times are hard to supervise with limited human resources.

Restricted legacy CCTV systems and fixed infrastructure hinder simple upgrades.



Product Reference: Hanwha Vision P series Panoramic Cameras



EOS SOLUTION

HANWHA'S P SERIES IP CAMERAS

No installation of ground fixtures or major change in infrastructure needed - Single cable running from power source to the camera unit.

Narrow spaces with minimal surveillance.

Multi-sensor cameras:
360-degree surveillance with 24/7 monitoring.

Panoramic cameras:
180-degree up-to 40m range.

WiseAI Features:
Detects slips and falls, crowd counting and heatmaps, queue management.

Product Reference: Hanwha Vision AI NVR / WAVE VMS / Hanwha Vision P series Multi-sensors / Hanwha Vision P series AI / Hanwha Vision Q series



SECURITY SOLUTIONS FOR **EDUCATION**

Alerts can be configured for missing or misplaced critical equipment such as Fire Extinguishers



3

CASE

Smoke & Fire Prevention



CHALLENGES

Ineffective Communication between Personnel onsite and emergency services.

Missing Fire Extinguishers and equipment.

No Emergency Alert Systems or Automated Broadcasts.



Product Reference: Hanwha Vision IP Audio Systems



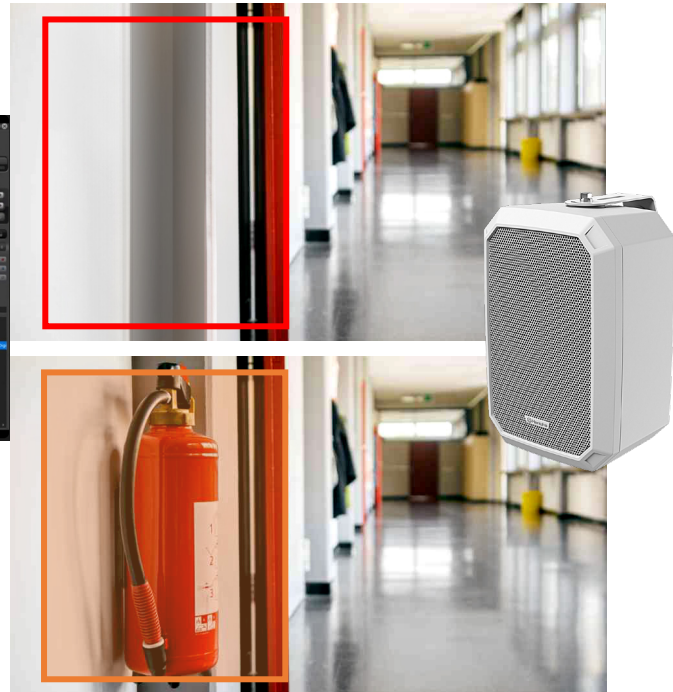
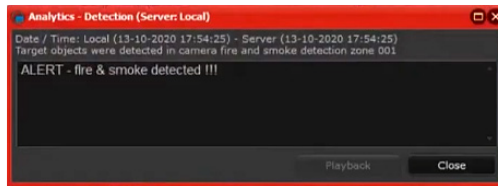
EOS SOLUTION

DIGIFORT IPX SMOKE & FIRE MODULE

Capable of detecting smoke and triggering pre-determined alerts to operators for immediate action.

Integration for global announcements through IP speakers to alert personnel of further instructions.

AI deep learning: alerts can be configured for missing or misplaced critical equipment i.e. Fire Extinguishers.



Product Reference: Digifort VMS / Digifort IPX / Hanwha Vision Q series / Hanwha Vision AMS (Audio Management Systems)

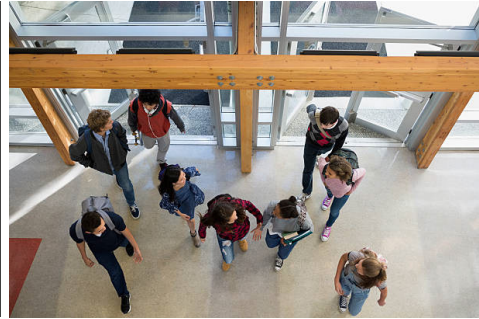


We strive to give Peace of Mind to Millions



SECURITY SOLUTIONS FOR **EDUCATION**

A Perimeter Intrusion Detection System (PIDS)
is a security solution specifically designed to
detect unauthorised access or intrusion



4

CASE

Perimeter Intrusion Detection



CHALLENGES

Unauthorised person to break into the campus during after-hours.

Unable to identify unauthorised persons due to poor lighting, viewing distance, and picture quality.



TOP WEAR:
Black



BOTTOM WEAR:
Blue



EOS SOLUTIONS

HANWHA P SERIES IP CAMERAS

AI analytics: Filter through specific attributes such as gender, clothing colour, and age bracket

Automated Event handovers to PTZ cameras for intruder auto-tracking

HANWHA X SERIES IP CAMERAS

Wisenet7 Chip Set: Enhanced picture quality in low light conditions

HANWHA Q SERIES IP WHITE LIGHT CAMERAS

New **White-Light** cameras emit 3000K warm white LED light to enhance visibility at night and provide clarity in zero light conditions



Product Reference: Hanwha Vision AI NVR / WAVE VMS / Hanwha Vision P series AI / Hanwha Vision X series AI / Hanwha Vision Q series White Light

SECURITY SOLUTIONS FOR **EDUCATION**

Incidents in high-risk areas such as workshops and science laboratories need immediate attention. Emergency Alert Systems can improve response time, increasing safety and efficiency.



5

CASE

Emergency High-Risk Alerts



CHALLENGES

Alerting students of emergency evacuation or lock-down from remote locations (not just the main office).

Delay in response time for emergencies for high-risk areas (i.e. carpentry workshop and science laboratories).

New wiring in existing infrastructure not possible for speaker/ alert system.



Product Reference: AARC-EVAC Emergency Alert Systems



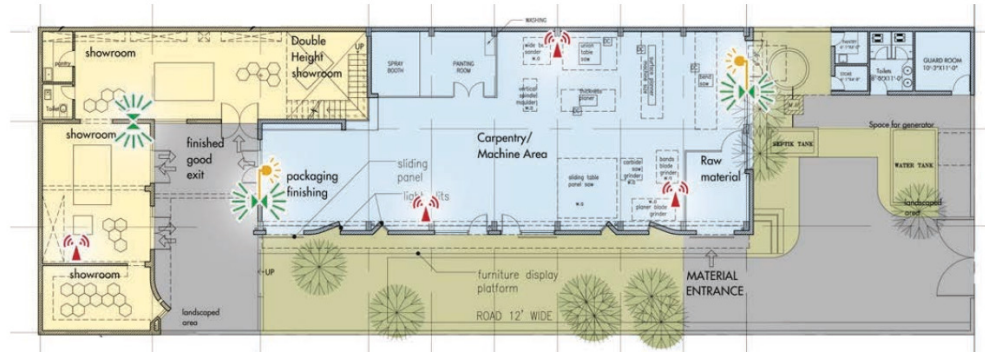
We strive to give Peace of Mind to Millions



EOS SOLUTIONS

Customisable sirens with clear, multilingual voice instructions can be triggered from multi-location transmitters.

Easy installation with a wireless system with solar options, reduce installation time and costs.



 Alert Panel / Remote Transmitter

 Standalone Receiver/Message Broadcast Units

 Standalone Receiver/Message Broadcast Unit inc. Beacon

Product Reference: AARC-EVAC Emergency Alert Systems



We strive to give Peace of Mind to Millions



www.eos.com.au



THANK YOU FOR YOUR PARTICIPATION

NSW

02 9749 5888

nsw@eos.com.au

VIC

03 9544 5633

vic@eos.com.au

QLD

07 3252 9272

qld@eos.com.au

WA

08 9249 5911

wa@eos.com.au

© 2024 EOS AUSTRALIA PTY LTD

All rights reserved. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products.
EOS Australia PTY LTD disclaims proprietary interest in the marks and names of others. This document is for informational purposes only.
EOS Australia PTY LTD reserves the right to make changes without further notice to any products herein. The content provided is as is and without express or implied warranties of any kind.

We strive to give Peace of Mind to Millions