

IP AUDIO AND PAGING

Public Address

Network speakers that inform, guide and deter, zone by zone.

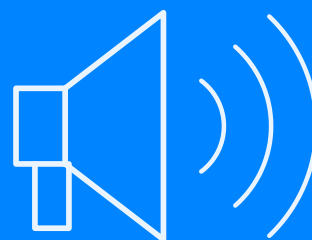
BUILT ON

Hanwha Vision

Vivotek

Tonmind

Genetec Sipelia



Arpyan public address solutions use IP speakers that connect to the same network as the cameras. Each speaker is individually addressable and powered over its network cable, zones are defined in software, and announcements can be live, scheduled or triggered automatically by a security event.

PoE

One network cable carries power, audio and supervision

SIP

Paging from the control room, a phone or the telephone system

Zones

Defined in software and changed without rewiring

WHAT IT DELIVERS

Speak where it matters

Address one speaker, one zone or the whole site. Zones follow the operation, not the cable routes.

Automatic deterrence

When analytics detect a person in a closed area, the nearest speaker plays a warning while the operator is alerted.

Live, recorded or scheduled

Live paging, stored messages, timed announcements, background music and text-to-speech from the same system.

Always supervised

Every speaker reports its status on the network, so a failed unit is known at once instead of being discovered when it is needed.

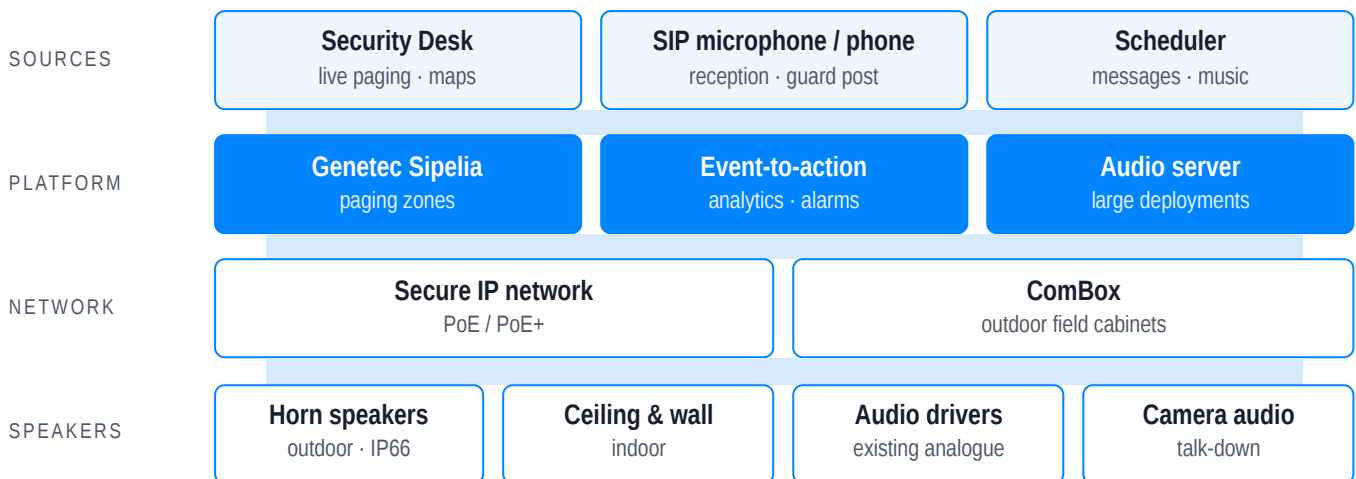
Simple to extend

A new speaker needs a PoE port, nothing more. No amplifiers, racks or 100 V lines to resize.

Keeps what you have

Network audio drivers and gateways bring existing analogue speakers and amplifiers onto the IP system.

SOLUTION ARCHITECTURE



TECHNOLOGY BUILDING BLOCKS

Hanwha Vision Network audio range	Horn, ceiling and wall speakers, SIP microphone, audio module for analogue speakers and audio server for large groups, with text-to-speech.
Vivotek Horn speaker and driver	AU-001 metal horn speaker (106 dB, IP66) and AU-002 driver with 20 W amplifier that turns an analogue speaker into a network one.
Tonmind SIP speakers and gateways	PoE horn, ceiling and wall speakers, paging gateways and amplifiers with SIP and ONVIF for cost-effective coverage of large sites.
Genetec Sipelia Paging and automation	Paging to speakers and zones from Security Desk, and automatic messages triggered by cameras, doors and alarms.

Scope note: these systems serve operational and security announcements. Where a certified voice-alarm system (EN 54-16 / EN 54-24) is required for fire evacuation, we interface with it rather than replace it.

TYPICAL APPLICATIONS

- Perimeters and fence lines
- Parks, estates and heritage sites
- Car parks and logistics yards
- Stadium surroundings
- Schools and campuses
- Industrial plants
- Retail and public buildings

COMBINES WITH

Surveillance · Intercom · Management Platform · Industrial Networks

HOW ARPYAN DELIVERS

1 Design

Requirements, coverage and architecture studies, specifications and bills of quantities.

2 Supply

Equipment, software and licences from the manufacturers, with their full warranty.

3 Commission

Platform configuration, guidance of the installer on site, testing and hand-over.

4 Support

Operator and administrator training, documentation and ongoing technical support.