



Emergency One - Inter-M Audio-over-IP

The UK's leading emergency vehicle manufacturers - Emergency One - use Inter-M Audio-over-IP to transmit network audio to their extended manufacturing site.

Location: **Ayrshire, Scotland**
Client: **Emergency One**
Supplier: **Access Audio Visual**

Client:

Emergency One has been successfully trading since 1989 and currently has a workforce of over 120 full-time staff. Since its inception the firm has grown as a specialised fire and emergency vehicle manufacturing concern and has established an excellent reputation within the UK and European markets.

System Requirements:

In 2012, this leading fire and rescue vehicle manufacturer moved to new, larger premises featuring assembly floor, demonstration and boardroom facilities - all of which were fitted out with audio visual and public address systems by professional AV integrators Access Audio Visual.

However, following further recent business expansion, Emergency One built an additional nearby manufacturing facility, for which Access AV were asked to extend the existing site-wide Public Address System..



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The Solution:

In order to transmit the public address signal from one site to another, Access AV suggested the latest audio-over-IP technology - which allows for voice and music to be transmitted over standard LAN, ethernet or WAN network infrastructure.

The product specified for the job was Inter-M's professional network audio system, the AOE212N & RFA102.

The new **Inter-M AOE212N Transceiver** is an audio-over-IP (also known as AoIP) distribution system which allows for long-distance transmission of voice, background music and audio messaging/advertising via standard TCP/IP LAN or WAN ethernet networks.

Connected to the existing main site PA system via an audio out, the AOE212N converts and transmits the audio as an IP signal which is received at the new manufacturing facility via the **Inter-M RFA102 Receiver**, which converts the signal back to analogue line, to be connected to a remote standard 100v line amplifier.

Inter-M AOE212N & RFA102 Audio-over-IP Public Address for Emergency One Audio-over-IP distribution not only benefits from the ability to use existing ethernet cable infrastructure, but also allows for long distance and multi-site audio signal transmission and control.

Product:

- Inter-M AOE212N 2-Channel Audio Over IP Transceiver
- Inter-M RFA102 2-Channel Audio over IP Receiver

Products used in this project



**Inter-M - AOE212N
2-Channel Audio-over-IP
Transceiver**



**Inter-M - RFA102 2-Channel
Audio-over-IP Receiver**



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