Management Server Software
Connects all facilities that can be integrated via the TerraManager software which allows each IP device to be monitored and controlled.

From a single point of access the user has a complete overview of what is going on across the whole system.

We can achieve this as each IP device is connected to a common network managed by a PC and the TerraManager software. This also has recording and Editing Software allowing the user to make and edit their own recordings should they wish to make pre-recorded announcements such as “Train is late”, “Stand clear of the line”, “Train arriving” etc.

Public Address
Functionality of the public address is achieved using a number of devices.

IP PoE Microphone Console
Enables the operator to make paging announcements to Platform 1 and Platform 2 via the Ticket Office IP PoE Microphone. The console has a touch sensitive LCD display with programmable soft keys which can be configured to select paging zones, trigger events such as open doors, play pre-recorded announcements & turn lights on or off. The microphone console also has a built in speaker to allow monitoring of broadcasts & two way communication with Intercom units and IP Telephones.

Audio Gateway
Speakers located on Platform 1 & 2 are powered by 2 x amplifiers. Each amplifier is connected to the IP network via an Audio gateway which takes the audio from the network and provides the Amplifier with a standard Line level input. Music can be played on the platforms by taking the output from a music source and feeding it directly into the Audio Gateway. The same music source can also be routed to any other gateway or IP PoE speaker. Local Paging microphones can also be accommodated for use by Staff.

Integration with IP Telephone System
TerraManager can interface with a SIP based IP telephone system. If an IP phone system is used we can make use of these features:

- Make paging announcements from any IP phone to Public Address speaker zones/areas.
- Use function keys on either the IP PoE microphone or intercom unit or any IP telephone.
- Use the Reception IP PoE Microphone to page any individual or group of IP telephone handsets via their hands free speakers. This will save having to fit dedicated speakers in many areas.
- Use function keys on either the IP PoE microphone or Telephone handsets to trigger events such as open door locks, play automated messages, and turn on/off lights or power to devices.