

IPTV Basic Understanding

Suitability

This programme is suitable for participants with a high level understanding of IRS/FIRS distribution system, Audio Visual equipment Installation and signal distribution techniques in multi-dwelling or commercial buildings. It is assumed that participants have practical experience in the installation of terrestrial and satellite antennas.

Objectives

This 1-day programme will enable participants to understand what the concept of IPTV is, where it sits within everyday life already and given a basic understanding of the many protocols involved and finally outline who is responsible for what within a network.

Content

- Health & Safety considerations
- Understand what IPTV is and its broad range
- Learn about the various number of Protocols involved
- Learn about the various equipment involved
- Understand who would be responsible for the IP set up side of an IPTV system
- Understand why they would be responsible for the IP set up
- Understand the various distribution methods and what they mean Unicast/ Multicast
- An overview of IP addresses and where they sit within an IPTV system
- Explain what the common interface between IRS/FIRS and IPTV systems is
- Practical views of Various IP streaming products
- Open Classroom Question and Answers Written on Board
- Practical walk through of an IPTV system
- Explain why Digital Signage sits within the IPTV domain
- Explain the practical benefits of Digital Signage for the client and using this as a sales pitch
- Discuss the various levels of IPTV and where clients can have full autonomy of TV, Video and Signage Distribution
- Interconnection of equipment within an Intranet and clients structures
- Best practice explained

Learning Outcomes

At the conclusion of this programme participants will;

- Understand terminology involved with IPTV
- Have an understanding where this type of work can sit within their field of expertise
- Be more comfortable with what they can deliver for IPTV systems.
- Understand more in-depth what the methods of Distribution are in IPTV and the implications of each
- Have a better understanding of the various IP address methods used in IPTV
- Understand who is responsible for a large scale commercial IPTV system IP set up
- Will see various IPTV or Video streaming methods in play

Aims

This programme delivers an understanding of IPTV (Internet Protocol TV), how to manage and understand which equipment within clients IPTV you would be responsible for. They will learn about terminology involved with IPTV and the various protocols. Understand the various versions and types of IPTV.

Learning Style

This programme is classroom based by PowerPoint and contains a mix of practical demonstrations with hands-on learning exercises.

Assessment Method

The assessment for this programme is by means of a multiple choice open book assessment paper with a pass mark of 70%.

Duration

This programme is run over 1-day.

Programme Cost

Member Rate £215
Non Member Rate £340

- Have an understanding of the various methods of reception within IPTV
- Have a better understanding of Digital Signage within IPTV
- Will have an appreciation of what various sources of Input there can be within the IPTV systems

