

Home Networking & Connectivity

Category of membership – CAI



The objective

To establish an additional category of CAI installer membership that would be inclusive for businesses engaged primarily in the installation of distribution networks within the home.

The skillset required

The business would have to demonstrate a knowledge of:

1. The equipment needed to transfer media and data around the building
2. Network connections – the terminology and methodology
3. The scope of the network to deliver
 - 3.1 Video / moving pictures
 - 3.2 Audio
 - 3.3 Hardware controls (lighting, heating etc.)
 - 3.4 Security monitoring (inclu. CCTV)
 - 3.5 Home cinema set-ups
 - 3.6 Access control (door entry)
4. The bandwidth required for the different services
5. Methods of distribution
 - 5.1 Wireless
 - 5.2 Electrical cables
 - 5.3 Coaxial
 - 5.4 Structured cable (cat5/6)
 - 5.5 HDMI
 - 5.6 Optical

Assessment requirement

For CAI membership the minimum practical assessment evidence would be a home, office or commercial development that demonstrated at least;

- Any 2 aspects of section 3 – the scope of the network
- 1 method of distribution