

Author

Mike Gilmore

Senior Partner of The Cabling Partnership (www.it-cabling.com)
Managing Director of e-Ready Building Limited
P.O.Box MT65, Leeds, United Kingdom. LS17 8YD.
e-mail: mike.gilmore@btinternet.com
Telephone: +44 (0) 113 232 3721, Fax: +44 (0) 113 293 2632

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The IT cabling infrastructure
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TRADE ASSOCIATIONS WITHIN THE STANDARDS PROCESS

by
Mike Gilmore, Technical Director of the FIA
for Networking+ (April 2007)

As usual, on every few years industry associations have an urge to gaze at their own navels and wonder what their role is. The question of "what are trade associations for?" rather depends not upon the trade association itself but on its environment. For example, in the United States the primary trade association for telecommunications industries, the TIA, has been a formal standards-making body for many years. By comparison, the United Kingdom is blessed with BSI that has the formal backing of government as the national standards making and management body. Therefore, in the UK, a trade association has little role to play in the independent production of standards. The exceptions to this implicit rule such as "learned bodies", including the IEE, only exist to prove the rule.

Trade associations can contribute a great deal to standardisation. For telecommunications infrastructure standards, BSI Technical Committee TCT/7 has representatives of all three major trade associations, the ECA (Electrical Contractors Association), the FIA and the UK TIA (recently renamed CITA - not to be confused with the US TIA). Nominated persons from each trade association direct the work of the Technical Committee. This does not automatically prevent trade associations from undertaking their own work in the area of standardisation. On the contrary, there are two activities in which trade associations do important work. The first is where a specific topic requires an "industry standard" and which standards bodies have not yet addressed (or where a topic is moving too quickly for a standard to be developed). The second is where a published standard requires interpretation (as many sadly do) or further explanation/guidance. However, there is a need for some control of such documents to prevent the work of one trade association conflicting with that of another. To that end the FIA are going to propose a review of the controls and processes within the BSI Technical Committees with which they are involved.

Membership of BSI committees provides benefits to trade associations and their members – primarily that they have access to, and influence on, early drafts of international, European and British standards. The FIA take maximum advantage by allowing all their members to review those drafts and generate comments via the Standards Forum which are then submitted to the national body. However, membership cannot be a one-way street. As the work of standards committees is open to review and comment by trade associations, so should the "standards" work of those associations (and other members of Technical Committees) be open to scrutiny by the relevant Technical Committee. Trade associations should advise the Technical Committee of any "standardisation" plans in order to minimise duplication. The FIA, ECA and the UK TIA did just this on the ground-breaking BIP0007 document which covered guidance to BS 6701:2004. All three groups published the resulting, identical, document made available free-of-charge to their members.

The FIA will propose a mechanism by which interpretations of, and guidance to, standards are "sanctioned" by the Technical Committee responsible for the base standard. In this way trade associations and their members can feel confident of the value of the interpretations that they produce. This would also prevent uncontrolled, inaccurate and conflicting interpretations. There is real danger of this at the moment not only from trade associations but also from training and competence organisations such as City & Guilds and BICSI who are not represented in the relevant BSI groups.

The concept of sanctioned interpretation of standards is very important to the FIA which has produced a great number of such documents over the past few years. If you wish to access the resources provided by the FIA go to www.fia-online.co.uk. Enquiries can be e-mailed to jane@fiasec.demon.co.uk or, alternatively, you can contact the FIA Secretariat in 01763 273039.

The Cabling Partnership
P. O. Box MT 65, LEEDS, West Yorkshire, LS17 8YD, England
Telephone: +44 (0) 113 232 3721 Fax: +44 (0) 113 293 2632

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Company Registration No. 4432595 Registered Office - Emery House, 192 Heaton Moor Road, Stockport, Cheshire, SK4 4DU.

Biography

As the Technical and Standards Director of the UK Fibreoptic Industry Association, Mike is heavily involved in the development of training and competence standards for the fibre installation industry and sets down policy in this area. In addition he chairs the audit and arbitration committees for the FIA. His book "Fibre optic cabling; theory design and installation practice" published in 1991 remains a reference for both experts and entrants into this field.

In the UK, Mike is Chairman of TCT/7, the BSI technical committee responsible for the three panels on telecommunication cabling. He also chairs two of these panels (TCT7/-/1 and TCT7/-/3). TCT7/-/1 acts to assist development of European and international standards for telecommunications cabling. TCT7/-/3 manages the implementation of European standards and others in the UK.

At the European level Mike is Convenor of CENELEC TC215 Working Group 1, the group that controls the development of European standards for the design and installation of telecommunications cabling. In the international arena Mike is Convenor of ISO/IEC JTC1 SC25 WG3 IPTG, a standards committee working on generic cabling for industrial premises (ISO/IEC 24702).

Mike is a regular speaker at seminars and conferences in all five continents. He has provided the keynote address and opening presentation in many conferences in the UK, Germany and the Netherlands. His seminars, providing regular updates on the progression of cabling standards are particularly well attended and are operating in the UK and continental Europe.



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