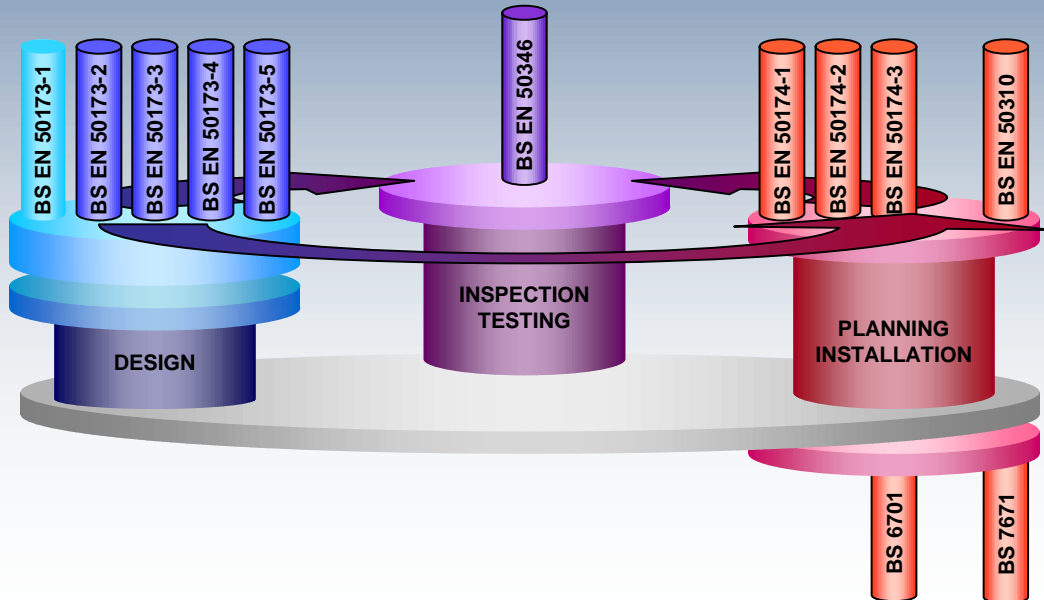


## EN 50173-X: THE MISSING LINK

The birth of integrated cabling standards for converged networks

A 1-day intensive seminar with optional 12-month service pack



### THE EVENT

November 2006 saw the formal approval of EN 50173-1, -2, -4 and -5 - all of which will become British Standards in the next few weeks. This marked the completion of three years work by CENELEC TC215 WG1 to produce an integrated set of structured cabling design standards for offices, homes and data centres. EN 50173-3 covering industrial premises is not far behind.

These standards not only contain new types of components and cabling specifications, they also introduce new concepts including the MICE system of environmental classification. Equally, if not more, importantly they provide the final link in the chain that integrates, in a mandatory way, the design, planning, installation, inspection and testing of structured cabling within premises across Europe.

In the UK, this integration is further underpinned by the mandatory association with BS 6701:2004 and the BS 7671: The Wiring Regulations.

### THE IMPACT

ON NETWORK CONVERGENCE	ON TENDERS	ON SUPPLIER WARRANTIES	ON QUALIFICATIONS
... building a platform for the large scale deployment of IP-based applications serving ICT, BCT and CCCB services	... specify a single BS for all aspects of cabling design, planning, installation, test and inspection - minimising risk of contractual dispute	... remove much of the product-specific training of installation and QA processes thereby reducing costs while managing risk	... providing focus for training regimes and qualification development

### THE SEMINAR

PREPARED BY	PREPARED FOR
<b>Mike Gilmore, Managing Director, e-Ready Building Chairman of BSI Technical Committee TCT77, Convenor CENELEC TC215 WG1 and Technical Director of the FIA.</b>	<b>Anyone specifying, supplying or installing structured and other telecommunications cabling</b>

SCHEDULE Q1, 2007	LONDON	MANCHESTER
	Date: 13th February 2007 Location: The IET, Savoy Place	Date: 15th March 2007 Location: Salford Quays

In addition to the scheduled date shown above it is possible to arrange on-site training to suit specific requirements

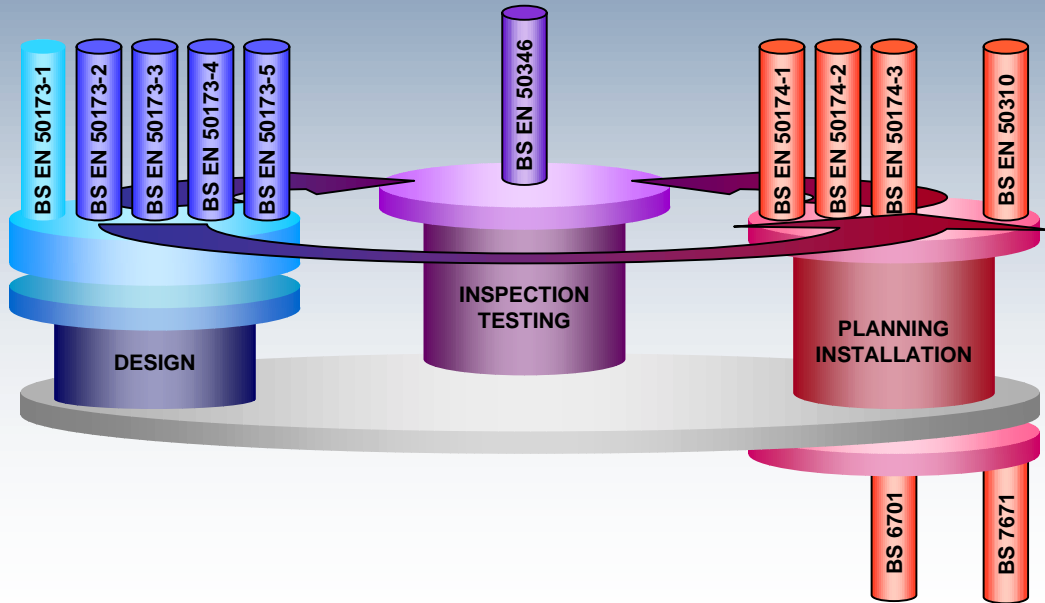
...for pricing and how to book? .... Go to page 3



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AGENDA			
0930 hrs	<b>Introduction</b>		
0945 hrs	<b>The New Standards - Overview</b>	1215 hrs	<b>Introduction to MICE</b>
	<ul style="list-style-type: none"> <li>- fundamental changes</li> <li>- inter-relationships within the EN 50173-X series</li> <li>- external relationships</li> <li>- understanding conformance</li> </ul>		<ul style="list-style-type: none"> <li>- classifying the cabling environment</li> <li>- extending the MICE concept from ISO/IEC 24702               <ul style="list-style-type: none"> <li>- universal application within Europe</li> </ul> </li> <li>- component selection</li> </ul>
1030 hrs	<b>The New Standards - Selection and Application</b>	1300 hrs	<b>Lunch</b>
	<ul style="list-style-type: none"> <li>- understanding services and applications               <ul style="list-style-type: none"> <li>- ICT, BCT and CCCB</li> </ul> </li> <li>- selecting the correct standard               <ul style="list-style-type: none"> <li>- channel specification</li> <li>- component specification</li> </ul> </li> </ul>	1400 hrs	<b>Linkage to Planning and Installation</b>
1115 hrs	<b>Break</b>		<ul style="list-style-type: none"> <li>- conforming to the current EN 50174 series</li> <li>- the influence of BS 6701:2004</li> <li>- linkage to BS 7671</li> <li>- the future of EN 50174 series standards</li> <li>- the impact of EN 50173-X               <ul style="list-style-type: none"> <li>- supplier warranties</li> <li>- training and qualifications</li> </ul> </li> </ul>
1130 hrs	<b>The New Standards - Components and Cabling</b>	1445 hrs	<b>Linkage to Testing</b>
	<ul style="list-style-type: none"> <li>- ICT components               <ul style="list-style-type: none"> <li>- M12 connectors</li> <li>- connector housings (EN 61076-3-106)</li> <li>- OS2, OP1, OP2 and OH1 optical fibre cables</li> <li>- LC and the MPO connectors</li> </ul> </li> <li>- BCT components               <ul style="list-style-type: none"> <li>- BCT-B cables</li> <li>- BCT-C cables and connecting hardware</li> </ul> </li> <li>- CCCB components               <ul style="list-style-type: none"> <li>- CCCB cables</li> </ul> </li> <li>- channels               <ul style="list-style-type: none"> <li>- OF-25, OF-50, OF-100, OF-200</li> <li>- OF-5000, OF-10000</li> <li>- BCT-B and BCT-C channels</li> <li>- CCCB cables</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>- conforming to the current EN 50346</li> <li>- amendment of EN 50346</li> <li>- application of BS ISO/IEC 14763-3</li> <li>- acceptance of marginal results</li> </ul>
		1515 hrs	<b>Break</b>
		1530 hrs	<b>The Imminent Future</b>
			<ul style="list-style-type: none"> <li>- wireless and CCCB overlays</li> <li>- new parameters (ACR-N, ACR-F)</li> <li>- new Classes (E<sub>A</sub> and F<sub>A</sub>)</li> <li>- new Categories (6<sub>A</sub> and 7<sub>A</sub>)</li> <li>- TR 50173-99 series for user groups</li> </ul>
		1630 hrs	<b>Close</b>

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COSTS		
Scheduled Courses	On-site Training (UK)	Service Packs
Sterling: £389.00 per person (FIA members £350.00 per person)  Euro: €575 per person (FIA members €522.00 per person)	Sterling: £1450 plus £50 per person  Euro: €2000 plus €75 per person	In addition to the training course, The Cabling Partnership offers a 12-month service pack agreement covering updates to the on-line templates provided during the seminar.  The service pack reflects amendments and additions to the series of templates as applicable standards evolve.  Sterling: £75.00 per pack Euro: €125 per person
	<b>On-site Training (outside the UK)</b>	
Contact The Cabling Partnership for details		
The above costs include refreshments during the seminars but exclude accommodation.		
The above costs are subject to VAT where applicable.		

**You can reserve places on the courses listed below in the following ways:**

- by faxing this page, complete with your requirements and contact details to +44 (0) 113 293 2632
- by telephone: +44 (0) 113 232 3721
- by e-mailing your requirements to The Cabling Partnership to [mike.gilmore@btinternet.com](mailto:mike.gilmore@btinternet.com)

RESERVATION FORM				
<b>LONDON</b>	Date: 13th February 2007	No. of places required		
	Location: IET, Savoy Place	Service pack required	YES	NO
<b>MANCHESTER</b>	Date: 15th March 2007	No. of places required		
	Location: Salford Quays	Service pack required	YES	NO
<b>On-site training</b>	Please supply your preferred dates	No. of places required		
		Service pack required	YES	NO

MY DETAILS			
<b>COMPANY NAME</b>			
<b>COMPANY ADDRESS</b>			
	<b>CITY</b>		<b>POST/ZIPCODE</b>
<b>TELEPHONE</b>			
<b>FAX</b>			
<b>RESERVATION MADE BY</b>			
<b>e-MAIL ADDRESS</b>			
<b>SIGNED</b>			
<b>DATED</b>			