

Homes and Buildings

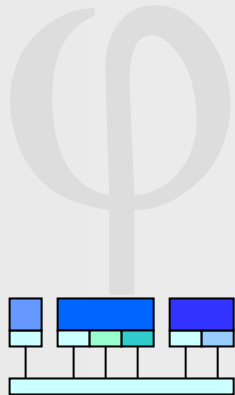
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The Goal of Integration

Mike Gilmore

CEN-CENELEC-ETSI-ANSI
Interoperability: Key to
International Business:
The role of ICT Standards

Home
and
Building
Electronic Systems



Mike Gilmore



Mike Gilmore
Managing Director
e-Ready Building

Standards Activities



Member: JTC1 SC25 WG3: Generic Cabling
Convenor: WG3 CITG: Cabling Implementation
Convenor: WG3 IPTG: Industrial Premises (Cabling)



Convenor: TC215 WG1: IT Cabling
Secretary: TC215 WG2



Chairman

TCT7: Telecommunications - Installation Requirements

Chairman

TCT7/-/1: Infrastructure design, planning and commissioning

TCT7/-/3: Infrastructure standards - UK implementation panel



FIA

www.fia-online.co.uk

Technical and Standards Director
Fibreoptic Industry Association

TIAB

www.fia-online.co.uk/TIAB

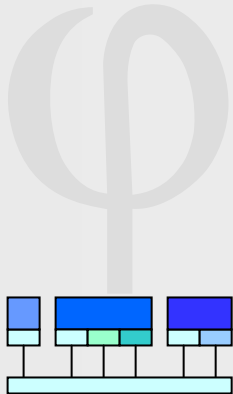
Director
Telecommunications Infrastructure
Advisory Board

Mobile: +44 (0) 7860 110563

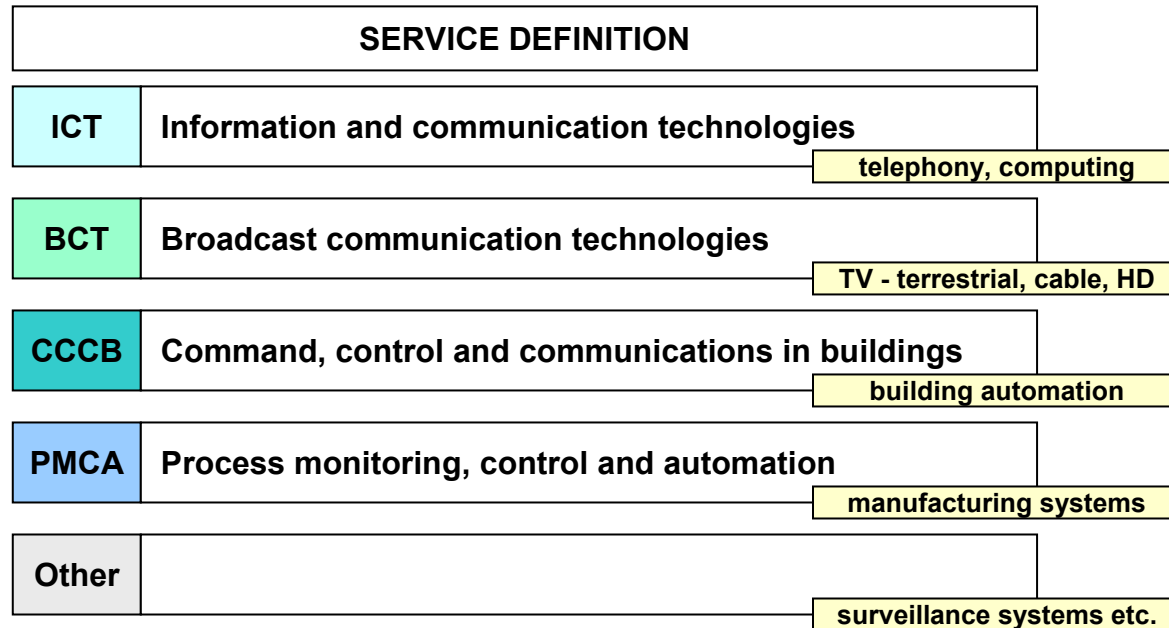
e-mail: mike.gilmore@btinternet.com



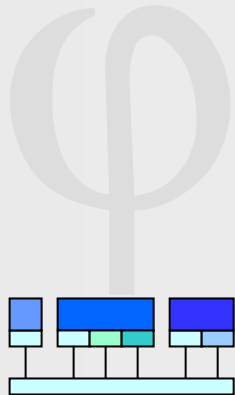
Telecommunications Services



PERSPECTIVE
CLC TC215 AND ISO/IEC JTC1 SC25



Homes and Buildings = Buildings



Integration Step 1: Recognition of commonality

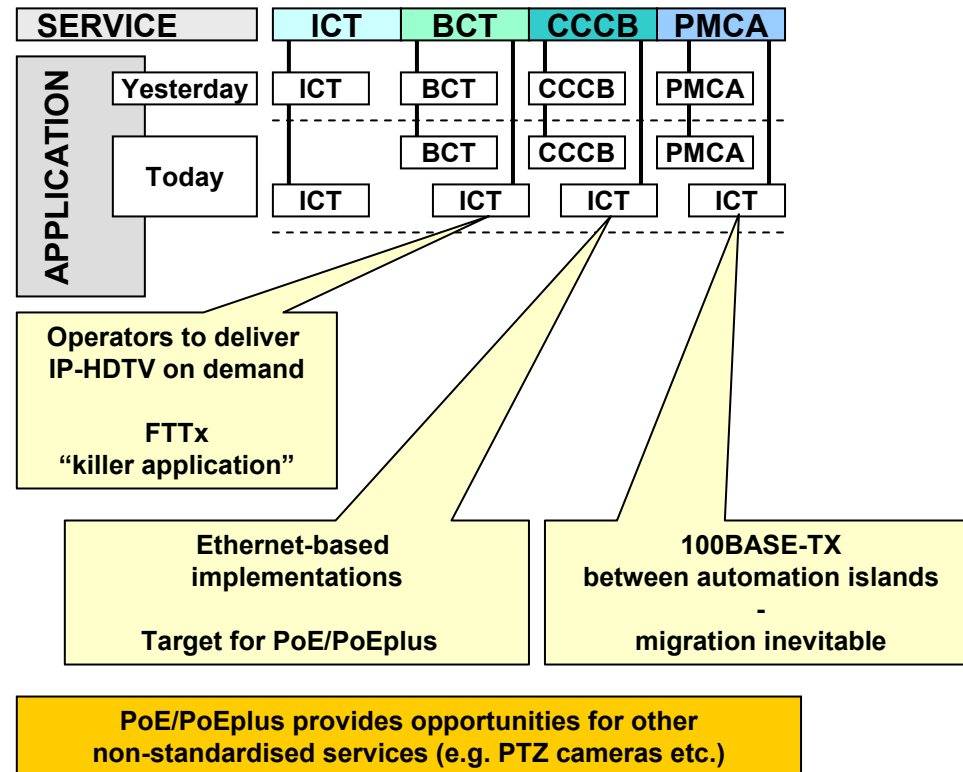
	SERVICES			
The office	ICT	CCCB	BCT	
The home	ICT	BCT	CCCB	
The factory	ICT	PMCA	CCCB	BCT
The data centre	ICT	CCCB		

Priorities/mix of services may vary

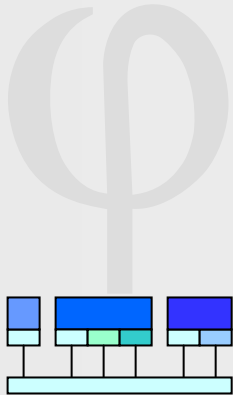
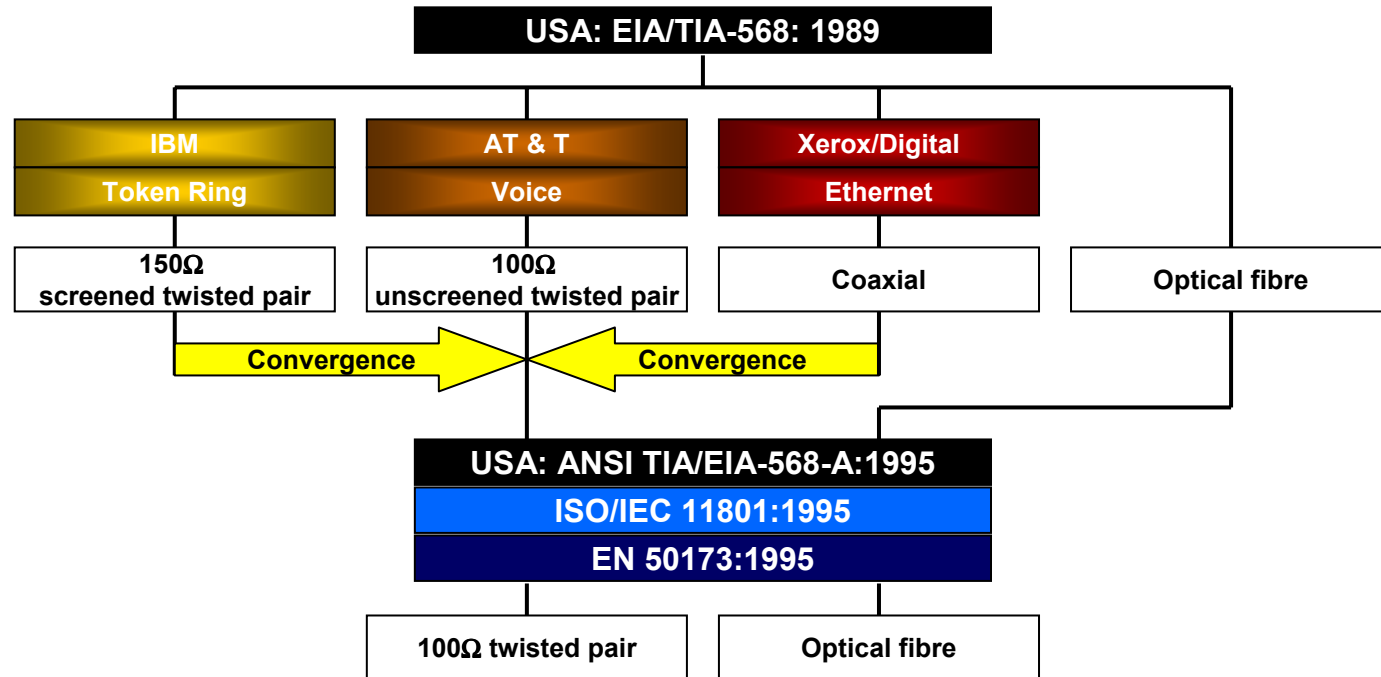
Integration generates demand

Common Application Base

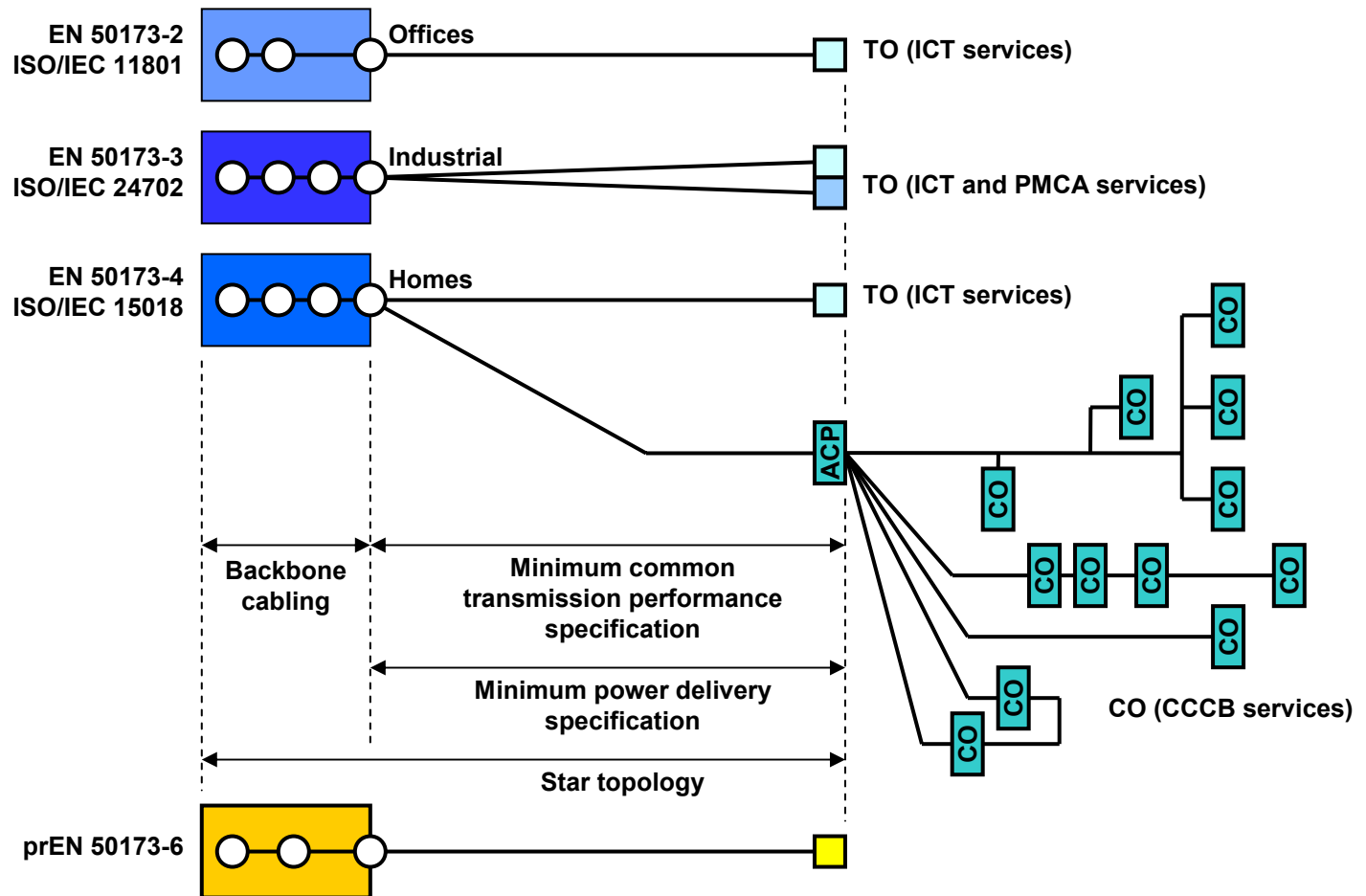
Integration Step 2: Common application base



Genesis of Generic Cabling



Common Infrastructures



Learning Lessons from History

Integration Step 3: There will be losers as well as winners

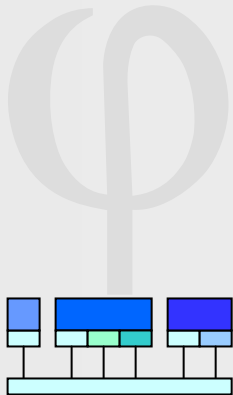
EXAMPLE: ICT SERVICES

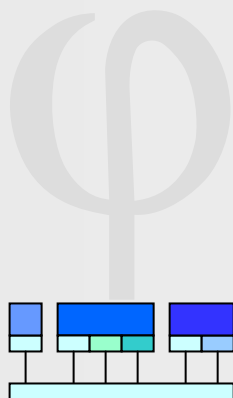
- adopted a common system architecture
- discarded unattractive infrastructure options
- rewarded with application-infrastructure symbiosis

LESSON

- the best solutions do not always win
- customers win
- application development wins

**The wrong decision at the right time
very often is much better than
the right decision at the wrong time**





Summary

Focus on buildings - all buildings

Focus on services - not applications

Markets for networks to support both BCT and CCCB services will not develop if they are based on competing system architectures - as good as any specific solutions may be.

Failure to recognise the needs of integration, doggedly supporting proprietary system while waiting for a restricted market to decide on a victor, will undoubtedly allow new players into the market.

Build services using ICT applications

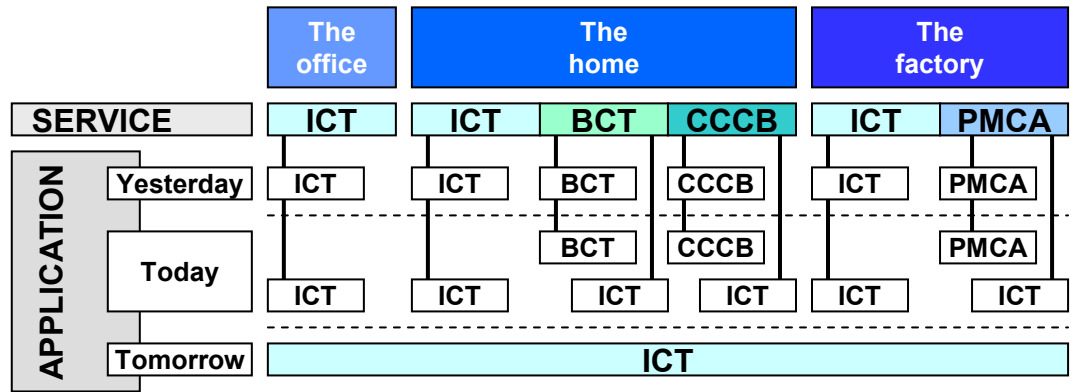
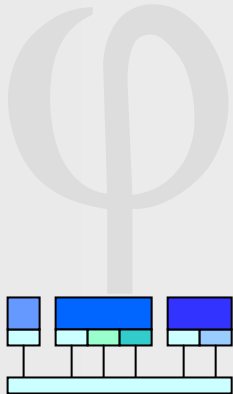
Current infrastructure standards provide limited support for legacy BCT and CCCB applications services.

However, suppliers will experience increasing pressure to use ICT applications as the basis for delivery. Those that resist will be marginalised.

It is a mistake to assume that integration is a welcome goal for all.

Any disadvantages for the few will be outweighed by the ability of forward-thinking solution providers to create ever-more impressive pieces of software and equipment which are guaranteed to interconnect and inter-operate and be managed by integrated management systems.

Accept that integration creates losers - be prepared



The End