

OFFICES, HOMES AND FACTORIES

-
is an integrated cabling solution possible?

2003

EURO



BICSI

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Chairman: BSI TCT7/-/1 and TCT7/-/3

Convenor: CLC TC215 WG1 and PTIP

Convenor: ISO/IEC JTC1 SC25 WG3 IPTG

Technical Director: Fibreoptic Industry Association

Agenda

Cabling Infrastructures

The Wider View

The Last 100 Metres

Structural Integration

Transmission Channels

Supported Applications

Cabling Media

Channel Classes

Transmission

Environment

The Plan for Europe

The International Perspective

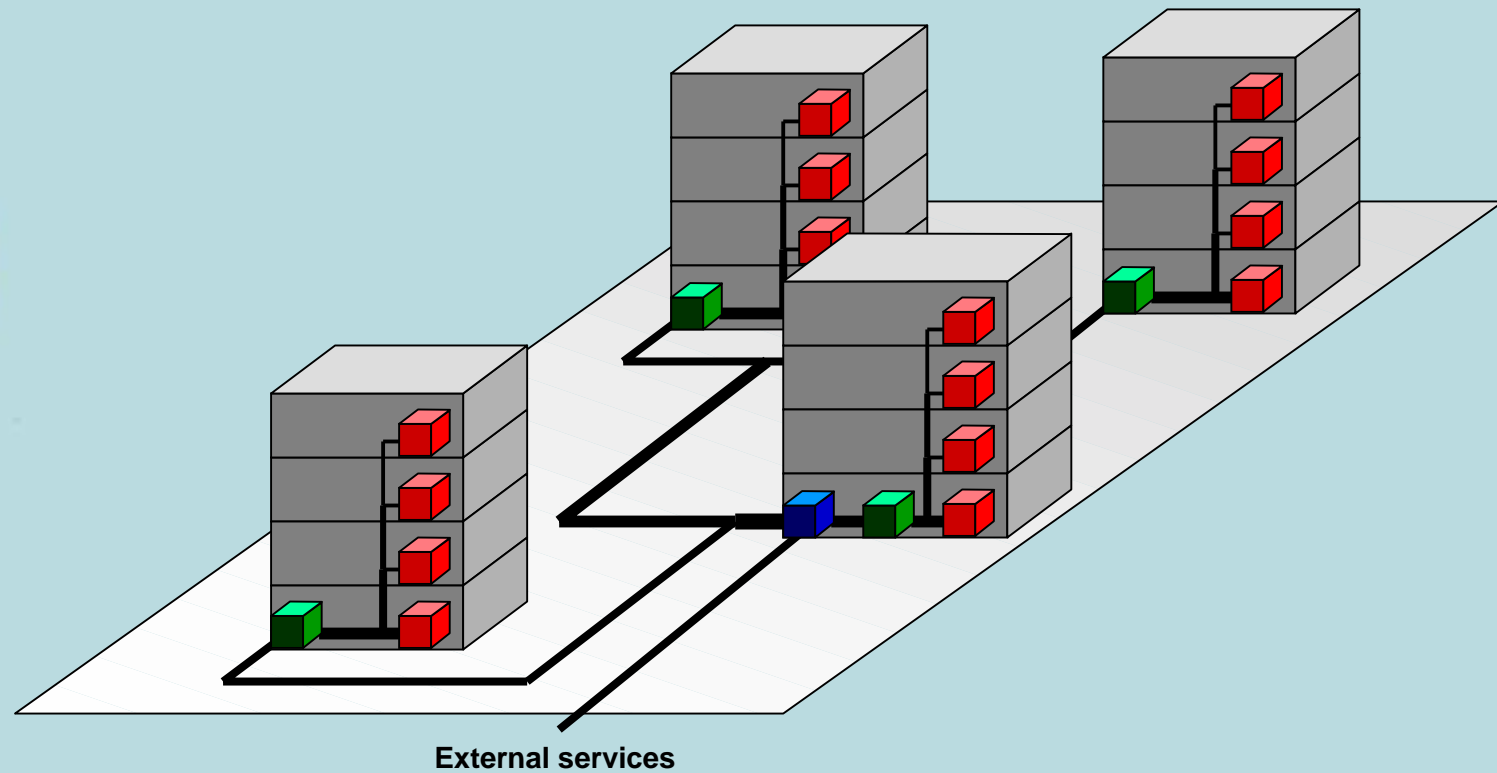
The Future Standards Base

Design and Planning

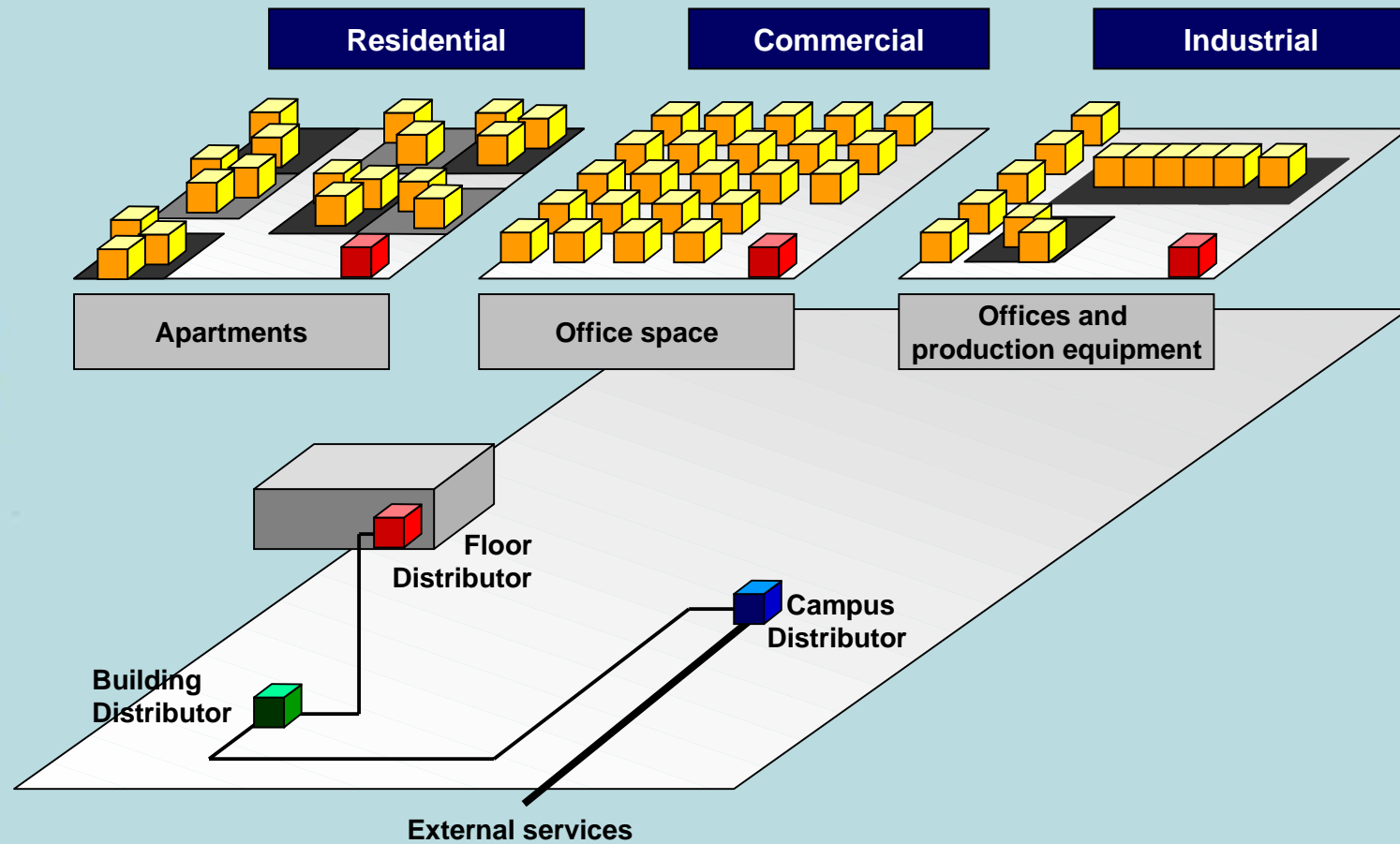
Installation

The Wider View

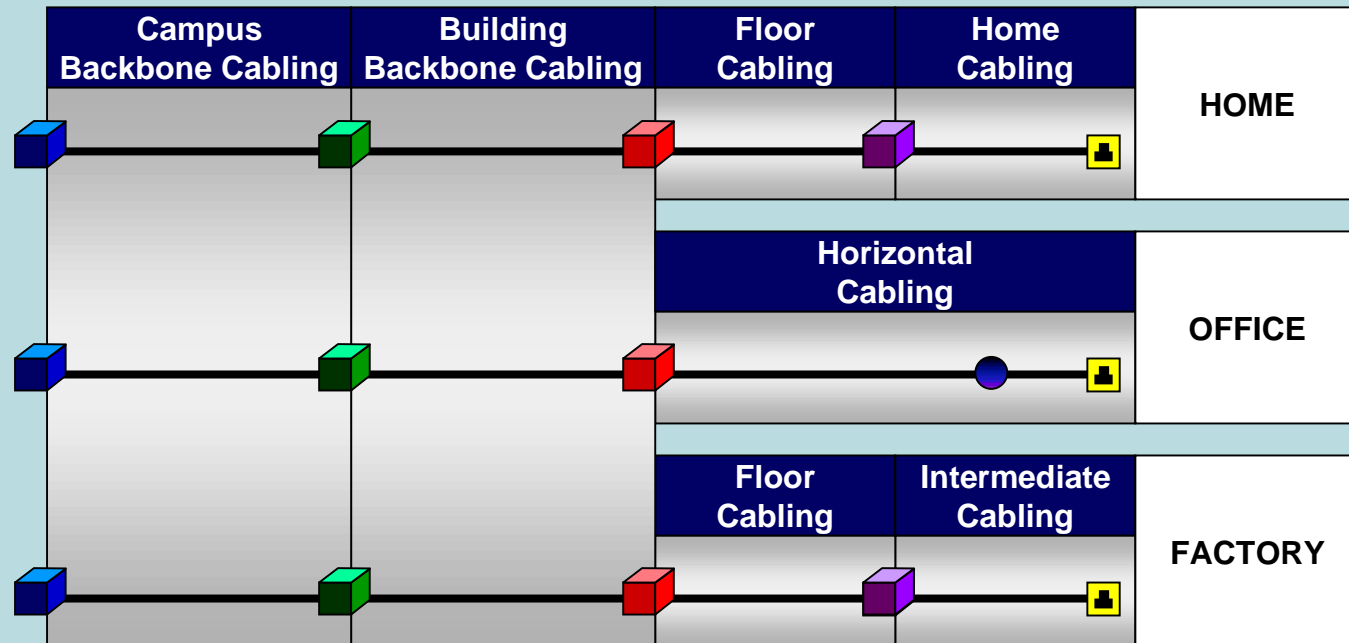
Homes, offices or factories????



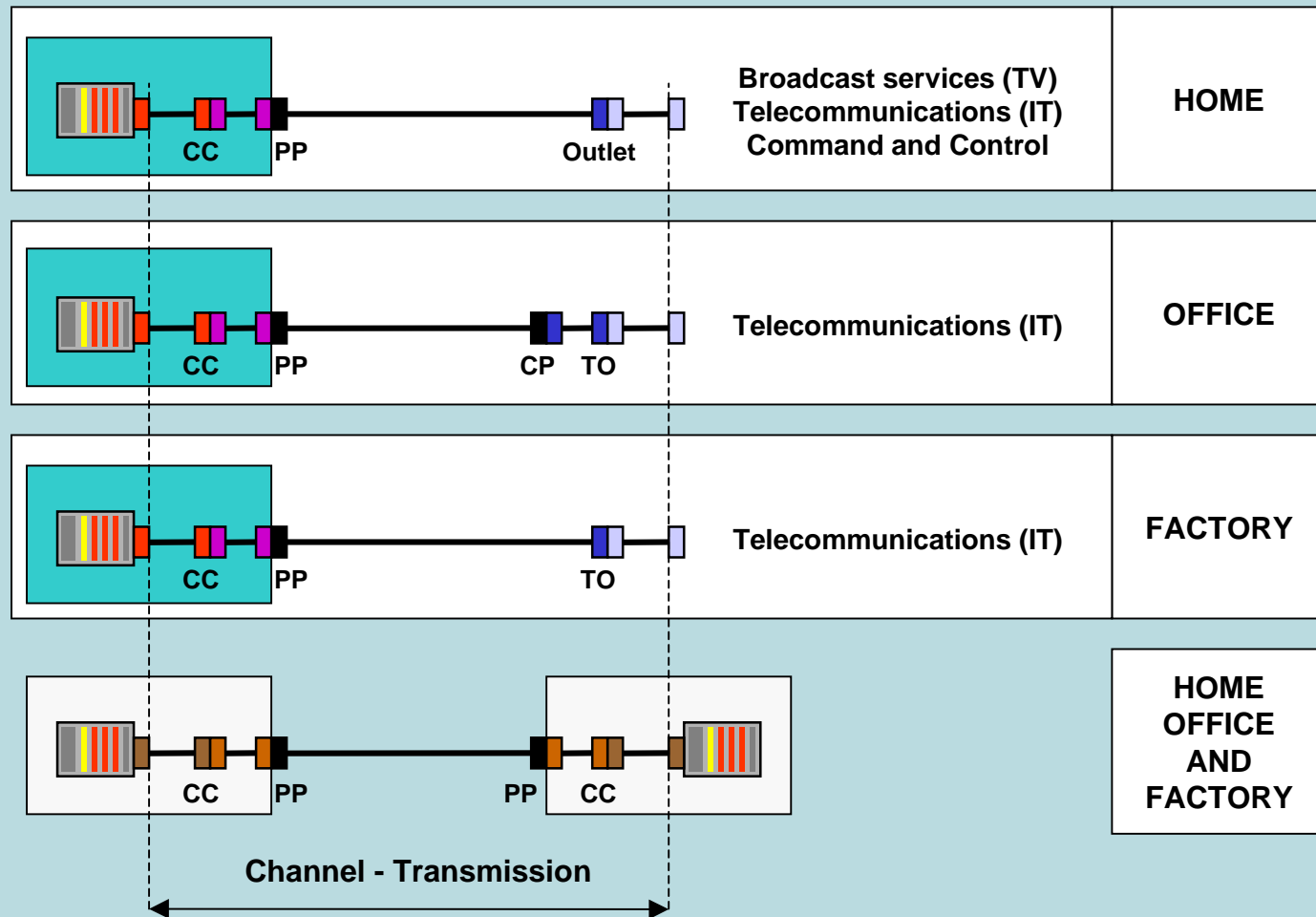
The Last 100 Metres



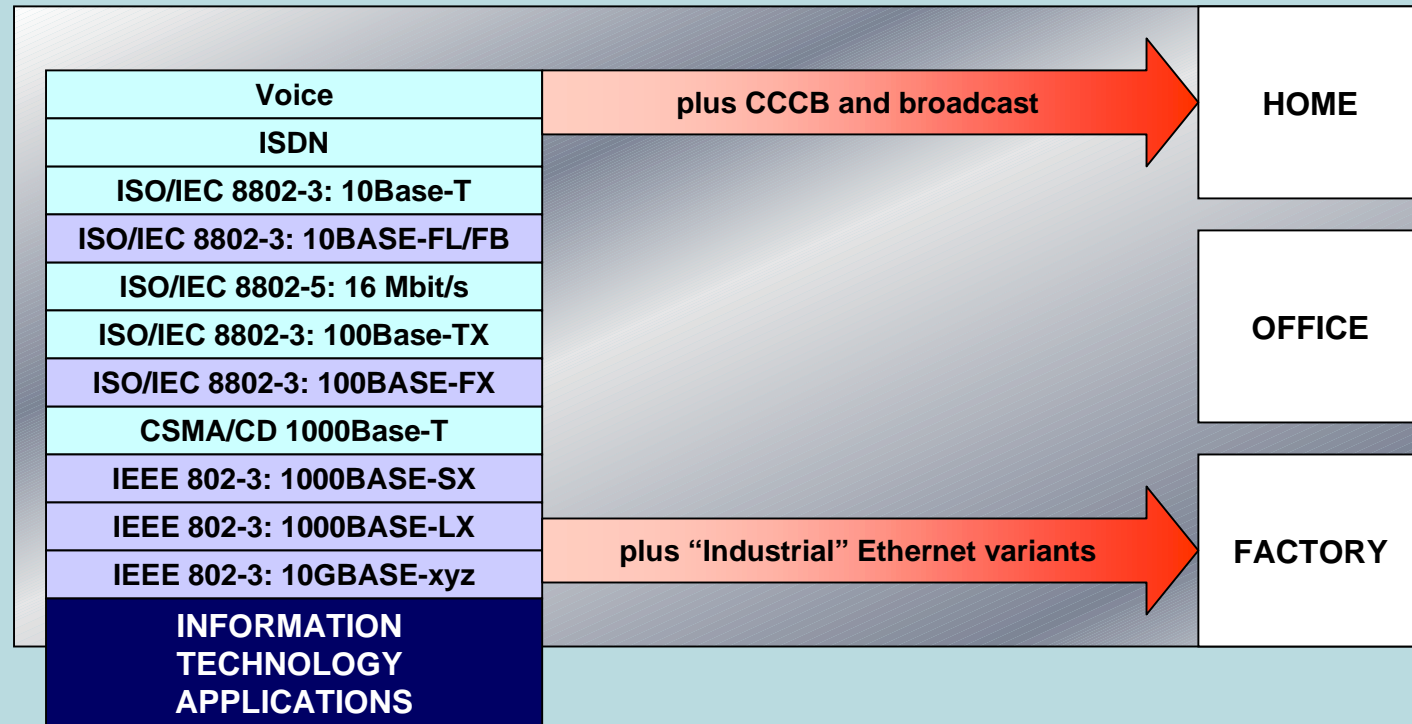
Structural Integration



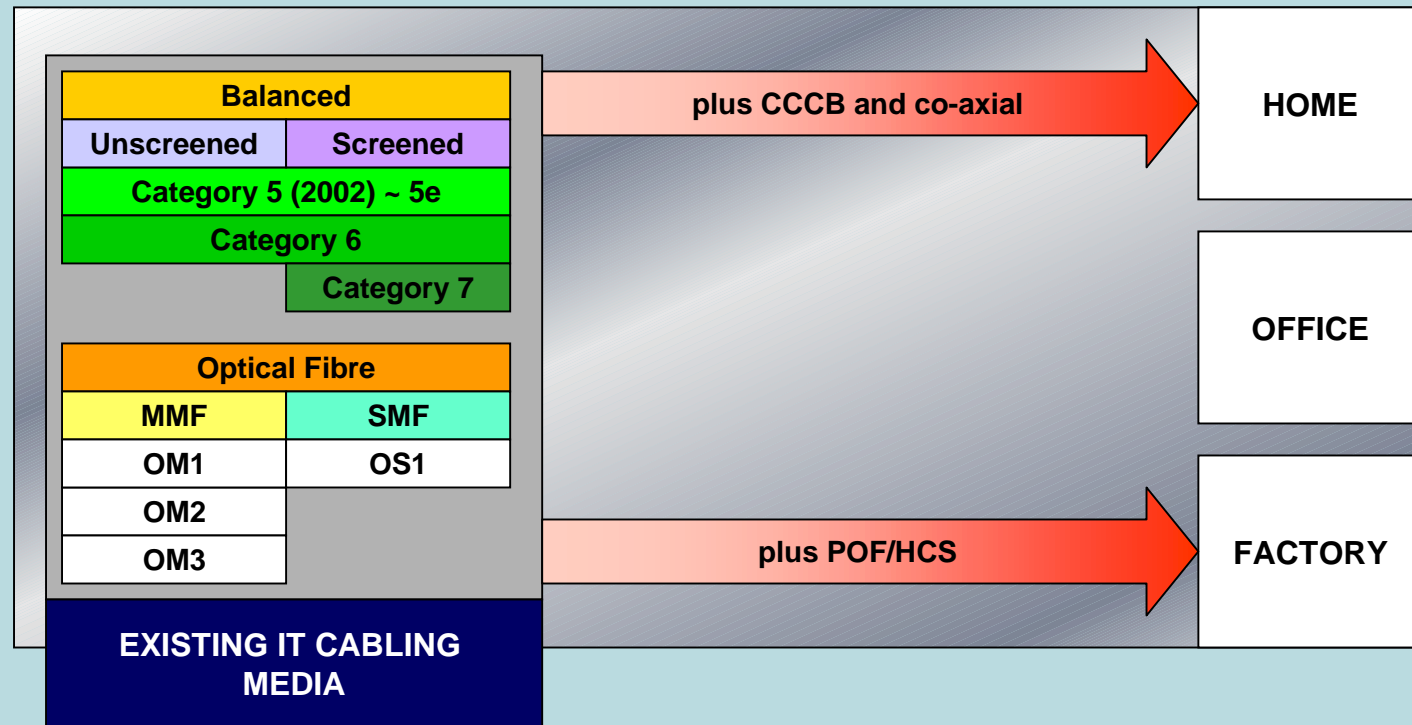
Transmission Channels



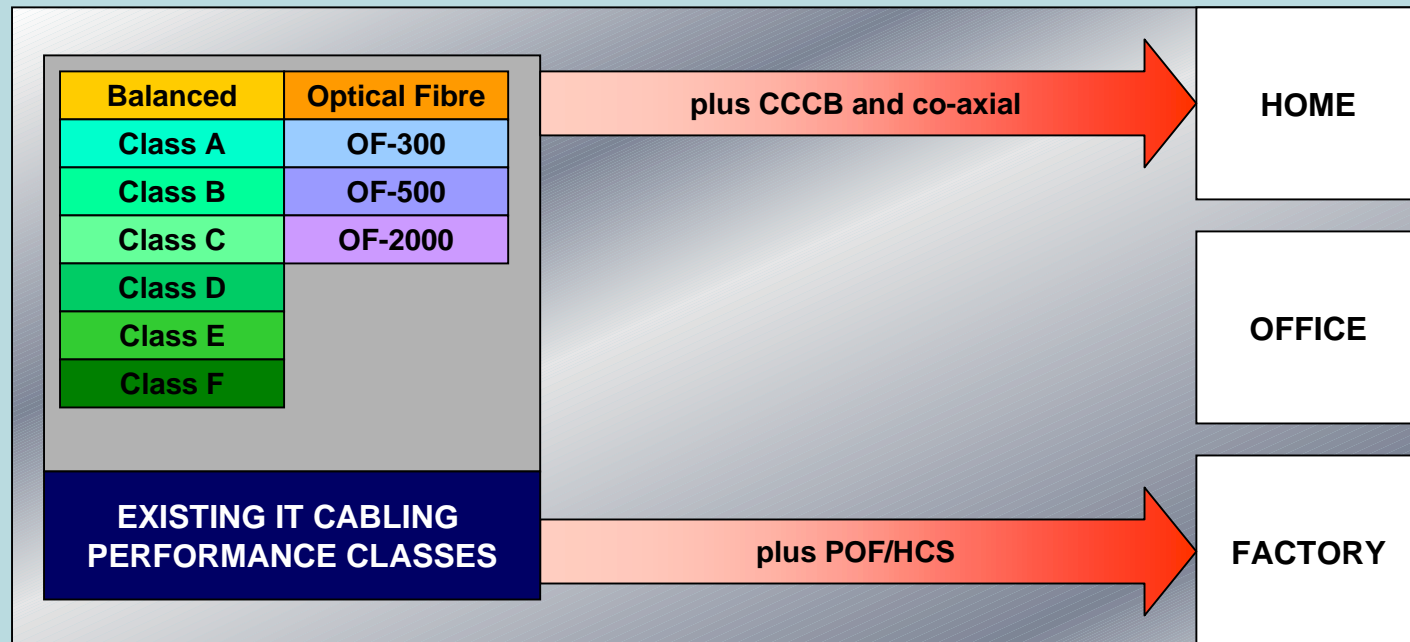
Supported Applications



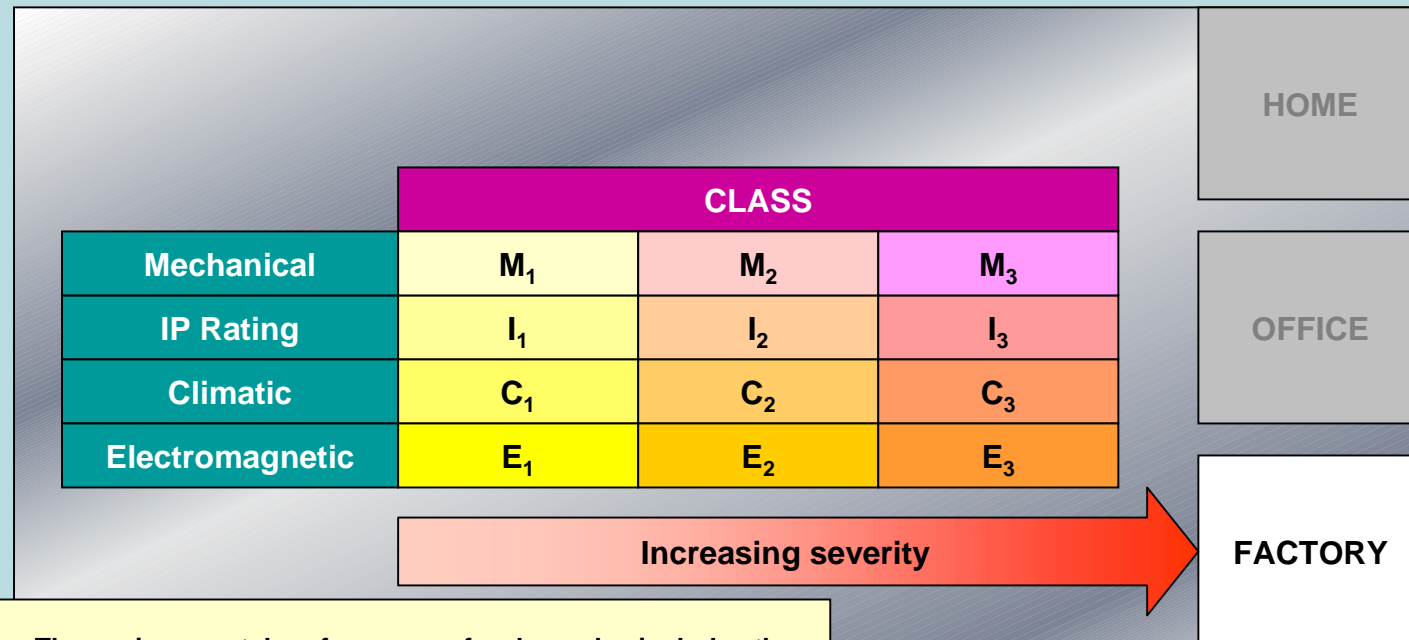
Cabling Media



Channel Classes - Transmission



Channel Classes - Environment

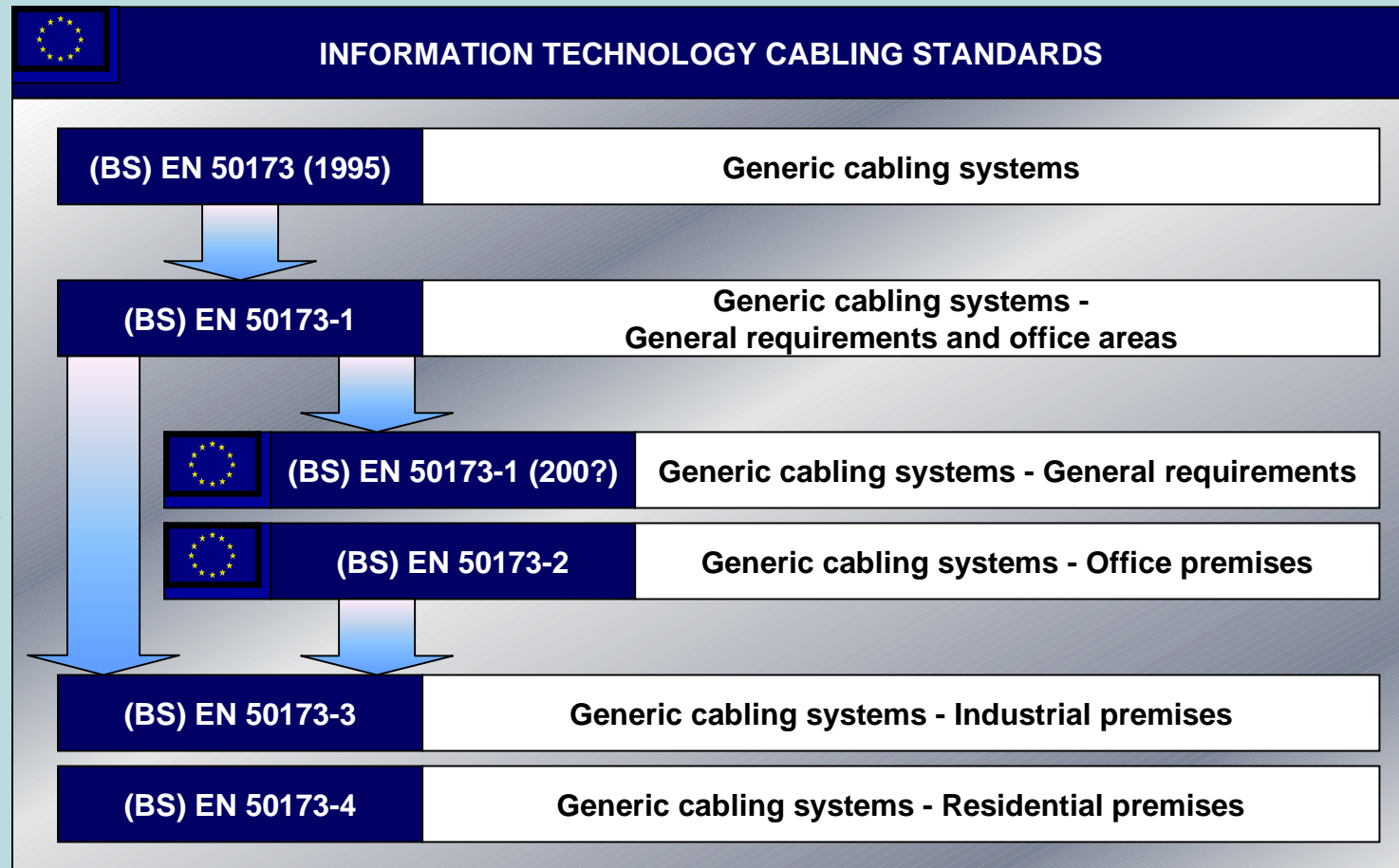


The environmental performance of a channel ... includes the environmental performance up to and including the mating interface of the connections at the active equipment.

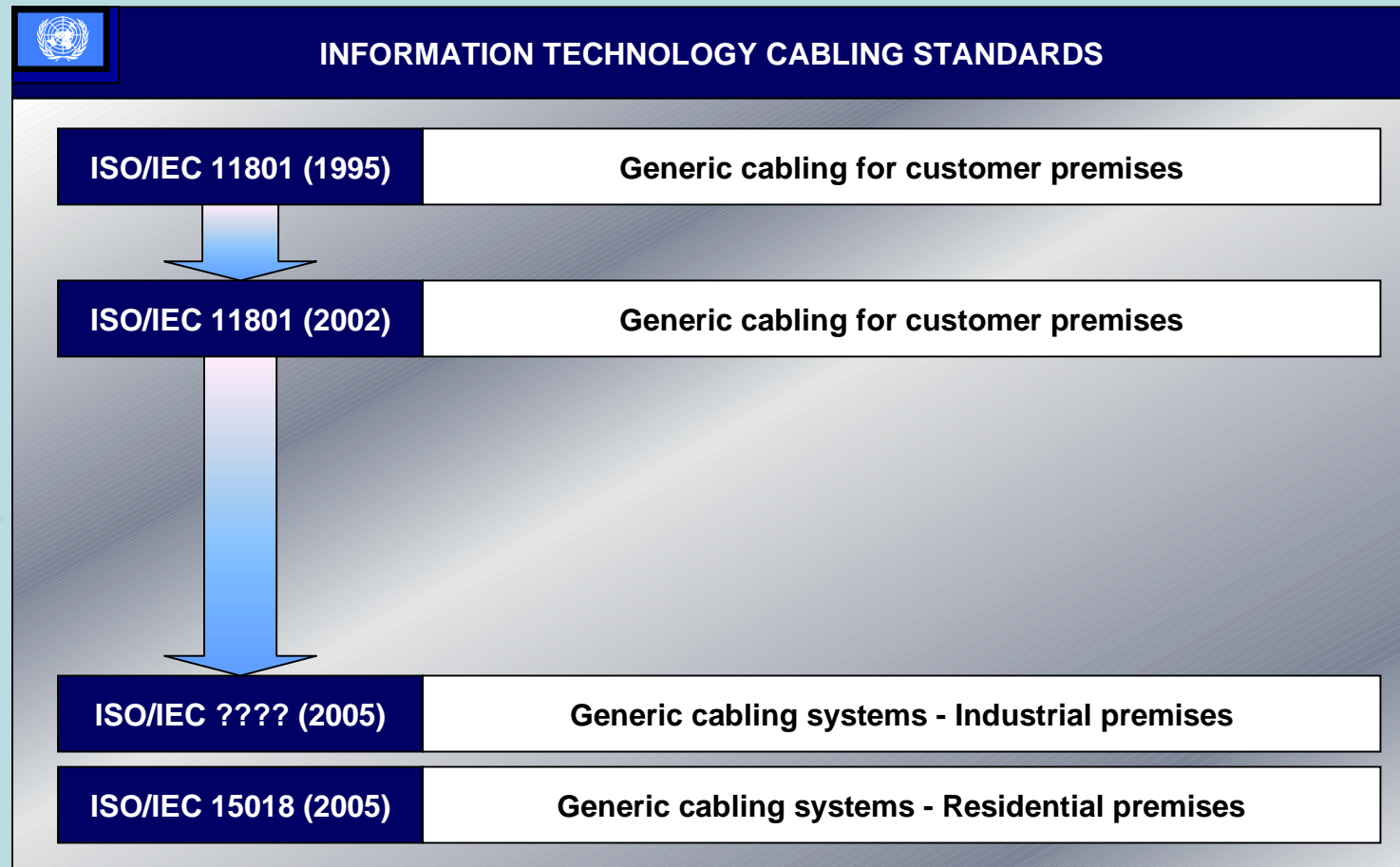
It is possible for the different locations within a channel to be subject to different environmental performance requirements.

Transmission performance shall be assured by the selection of **cabling components** suitable for the environmental Class(es) or by the use of **pathway systems** and **installation practices** that provide the required protection to the installed cabling.






The Plan for Europe









The International Perspective







Design and Planning

	EN 50173-1 (200?)	Information technology - Generic cabling systems General requirements
	BS 6701 (2003)	Installation of apparatus and cabling to support telecommunications systems
	EN 50174-1	Information technology - Cabling installation Specification and Quality Assurance
	EN 50174-2	Information technology - Cabling installation Installation planning and practices inside buildings
	EN 50174-3	Information technology - Cabling installation Installation planning and practices between buildings

	EN 50173-2	Generic cabling systems - Office premises
	EN 50173-3	Generic cabling systems - Industrial premises
	EN 50173-4	Generic cabling systems - Residential premises
	EN 50173-5	Generic cabling systems - Data Centres
	EN 50173-6	Generic cabling systems - Hospitals
	EN 50173-7	Generic cabling systems - Airports

Installation

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Thank you!!

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