

BS 6701:2004

“Telecommunications equipment and telecommunications cabling
- Specification for installation, operation and maintenance”

-

THE “ONE-STOP-SHOP” INSTALLATION STANDARD

BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

Mike Gilmore



Mike Gilmore
Managing Director
e-Ready Building

Standards Activities



Member
JTC1 SC25 WG3: Generic Cabling



Convenor
JTC1 SC25 WG3 IPTG: Industrial Premises Cabling



Convenor
TC215 WG1: IT Cabling
TC215 WG1 PT Industrial Premises Cabling



Secretary
TC215 WG1 PT Data Centre Cabling



Chairman
TCT7: Telecommunications - Installation Requirements



Chairman
TCT7/-/1: Cabling infrastructure design, planning and commissioning
TCT7/-/3: Cabling: Infrastructure standards - UK implementation panel

FIA
www.fia-online.co.uk

Technical and Standards Director
Fibreoptic Industry Association

Mobile: +44 (0) 7860 110563




e-mail: mike.gilmore@btinternet.com

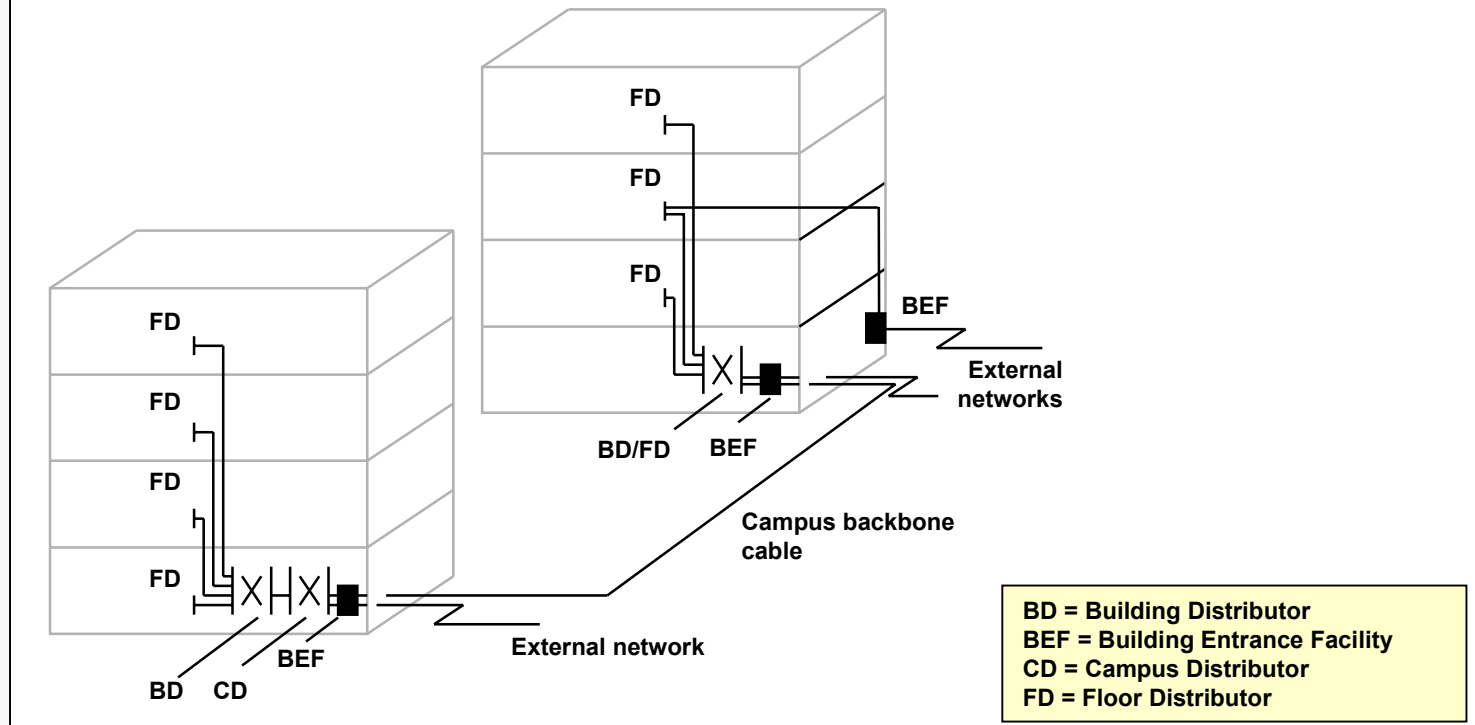
BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

Telecommunications Cabling Structure - I

	ISO/IEC 11801	Information technology - Generic cabling for customer premises
	TIA/EIA-568-B	Commercial Building Telecommunications Cabling Standard
	BS EN 50173-1	Information technology - Generic cabling systems - General requirements and office areas






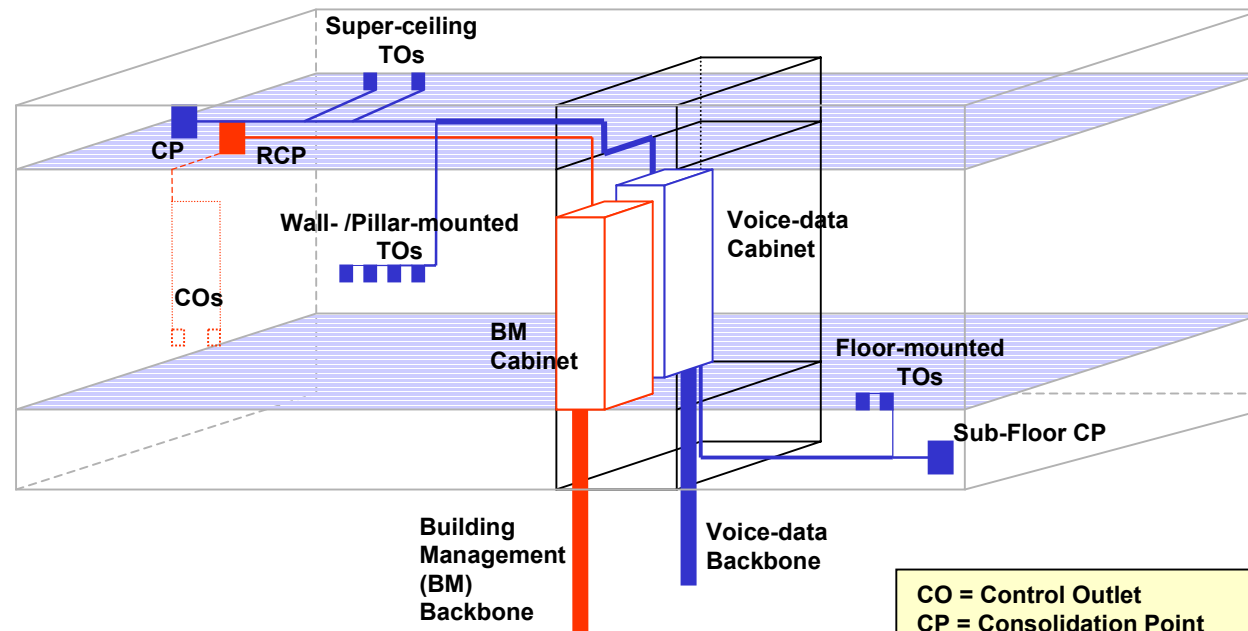
BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

Telecommunications Cabling Structure - II

	ISO/IEC 11801	Information technology - Generic cabling for customer premises
	TIA/EIA-568-B	Commercial Building Telecommunications Cabling Standard
	BS EN 50173-1	Information technology - Generic cabling systems - General requirements and office areas



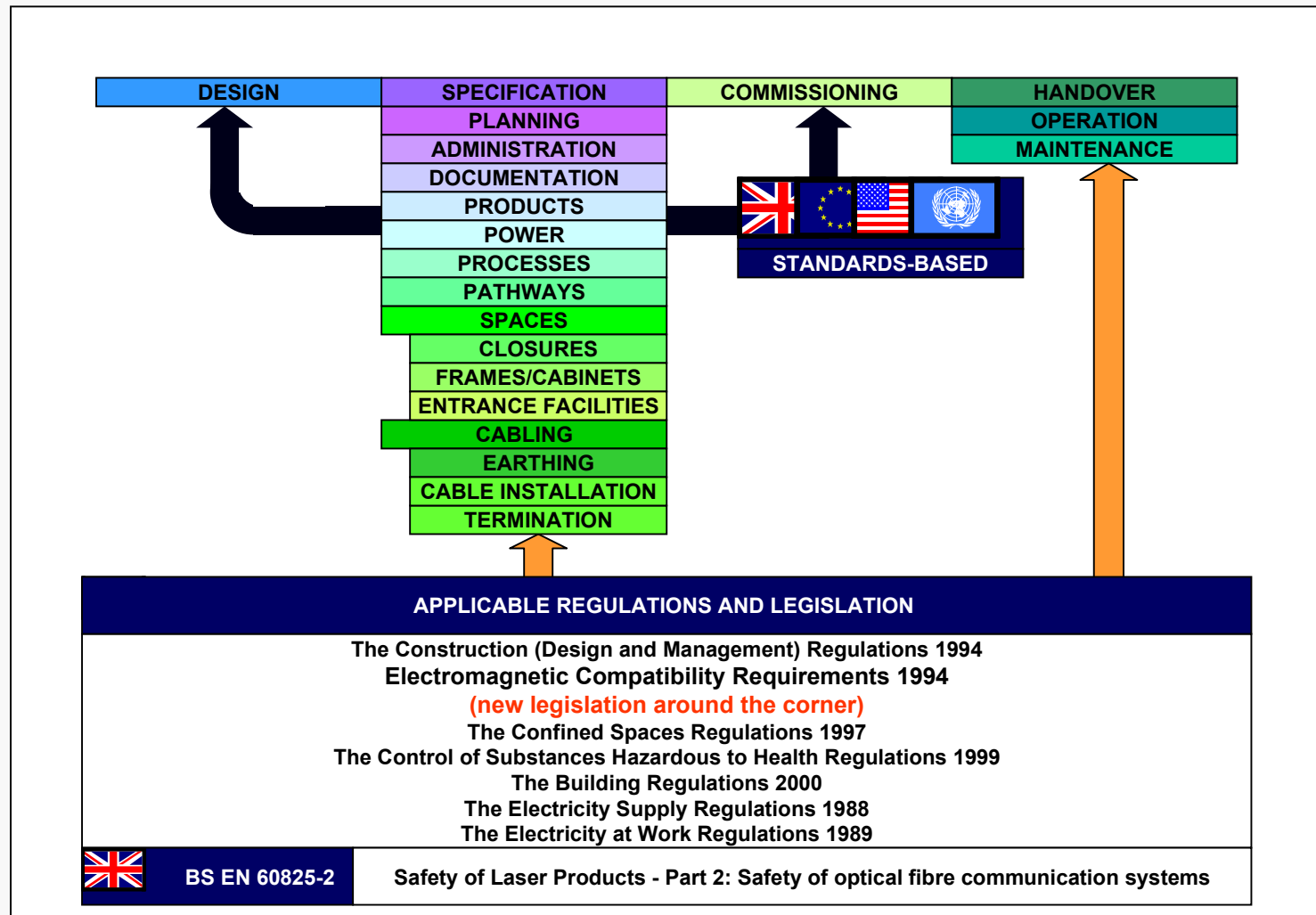
CO = Control Outlet
CP = Consolidation Point
RCP = Room Connection Point
TO = Telecommunications Outlet

BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

Telecommunications Cabling Lifecycle

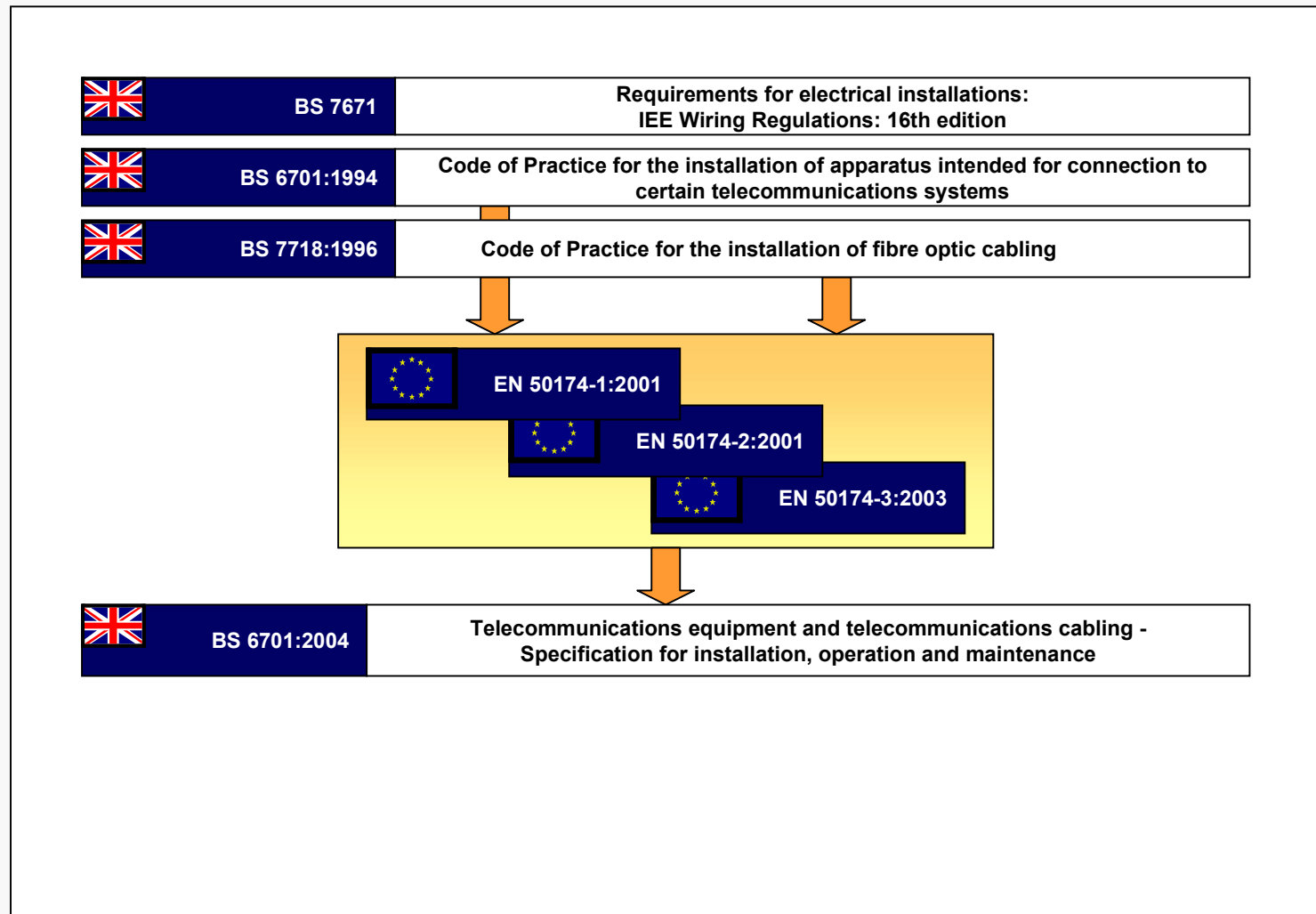


BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

Telecommunications Installation Standards

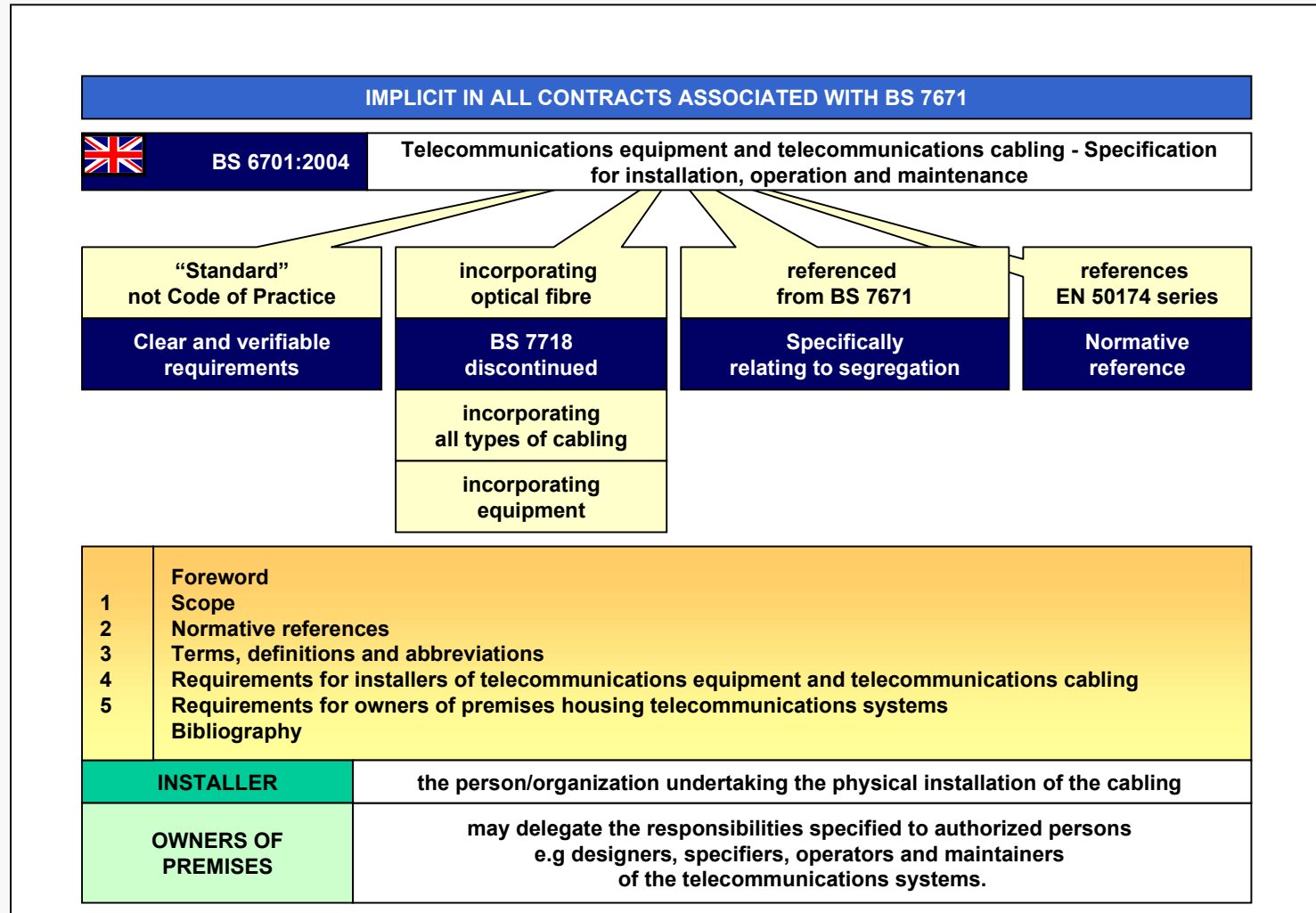


BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

BS 6701:2004 Key Features

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION



BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

BS 6701:2004 One-Stop-Shop

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

Planning, Administration
and Documentation

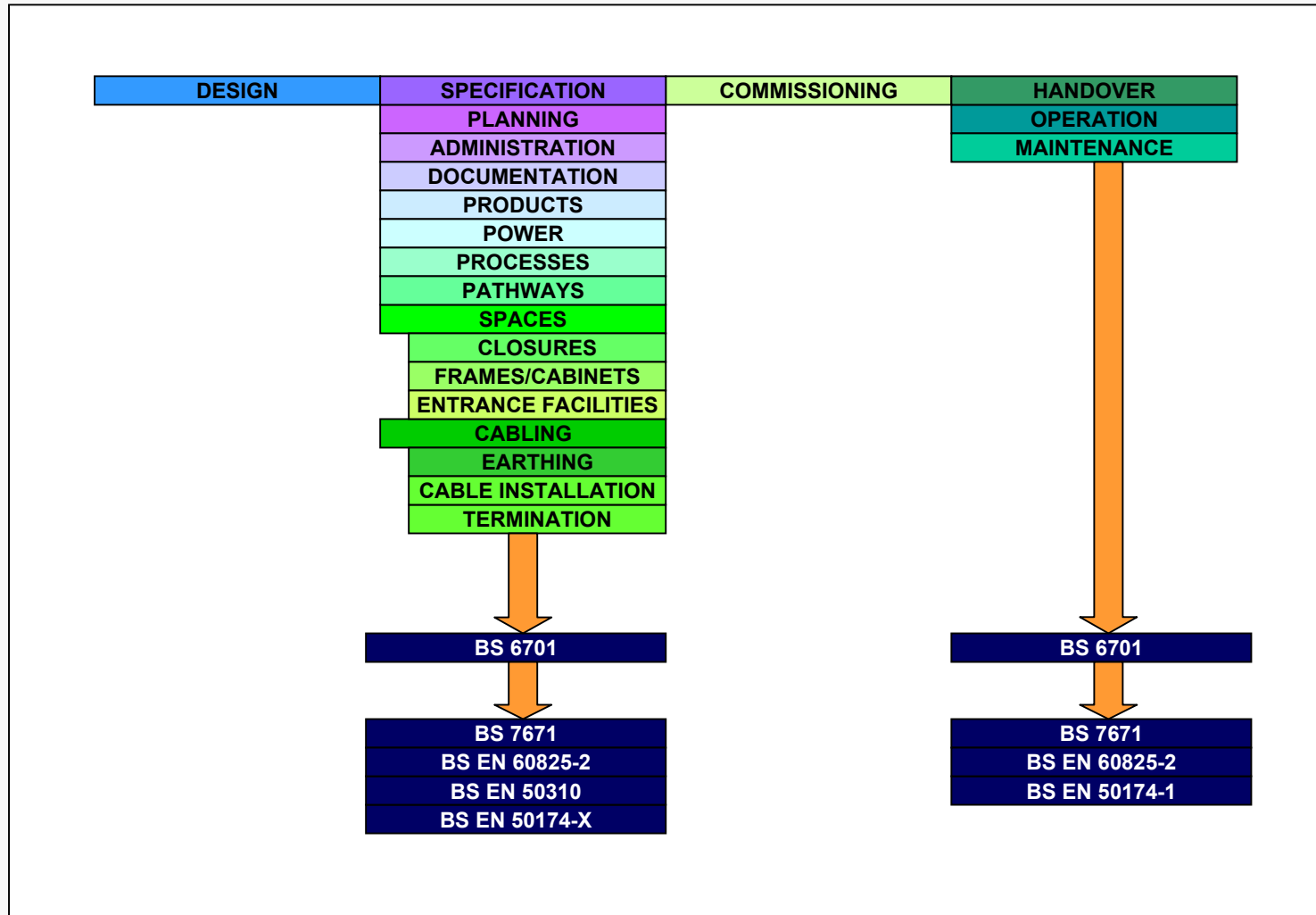
Products, Power
and Processes

Lunch

Pathways and Spaces

Cabling

Operation and
Maintenance



BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

BS 6701:2004 Divide and Rule

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

IMPLICIT IN ALL CONTRACTS ASSOCIATED WITH BS 7671



BS 6701:2004

Telecommunications equipment and telecommunications cabling -
Specification for installation, operation and maintenance

	Foreword
1	Scope
2	Normative references
3	Terms, definitions and abbreviations
4	Requirements for installers of telecommunications equipment and telecommunications cabling
5	Requirements for owners of premises housing telecommunications systems
	Bibliography

INSTALLER	4.1.2 Documentation	All relevant documentation shall be provided to enable the owner of the premises to implement operating procedures for the telecommunications system(s).
OWNERS OF PREMISES	5.2 Operating procedures	Telecommunications equipment and telecommunications cabling shall be operated in accordance with the instructions provided by the installer.

BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

BS 6701:2004 demands BS EN 50174-X

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

PREMISES OWNER'S RESPONSIBILITIES

INSTALLER'S RESPONSIBILITIES



BS 6701:2004

Telecommunications equipment and telecommunications cabling -
Specification for installation, operation and maintenance

All telecommunications cabling and telecommunications equipment shall meet all the requirements of the BS EN 50174 series of standards.

All telecommunications cabling and telecommunications equipment shall meet all the requirements of the BS EN 50174 series of standards.

BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

Planning

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

PREMISES OWNER'S RESPONSIBILITIES

INSTALLER'S RESPONSIBILITIES



BS 6701:2004

Telecommunications equipment and telecommunications cabling -
Specification for installation, operation and maintenance

An installation specification shall be provided in accordance with BS EN 50174-1 for telecommunications equipment and telecommunications cabling other than that specified in BS EN 50174-1.

The classification of areas containing optical fibre telecommunications equipment and optical fibre telecommunications cabling shall be undertaken in accordance with BS EN 60825-2.

A quality plan shall be provided in accordance with BS EN 50174-1 for telecommunications equipment and telecommunications cabling other than that specified in BS EN 50174-1.

Installation, operating and maintenance instructions for all telecommunications equipment and telecommunications cabling shall be obtained.

BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

Operation, Maintenance and Repair

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

PREMISES OWNER'S RESPONSIBILITIES

INSTALLER'S RESPONSIBILITIES



BS 6701:2004

Telecommunications equipment and telecommunications cabling -
Specification for installation, operation and maintenance

Telecommunications equipment and telecommunications cabling shall be operated in accordance with the instructions provided by the installer.

The selection and operation of optical fibre telecommunications equipment, test equipment and optical fibre telecommunications cabling shall be in accordance with BS EN 60825-2.

The telecommunications equipment and telecommunications cabling shall be maintained in accordance with the instructions provided by the installer.

All relevant personnel shall be made aware of all policies required to maintain proper operation of the telecommunications system.

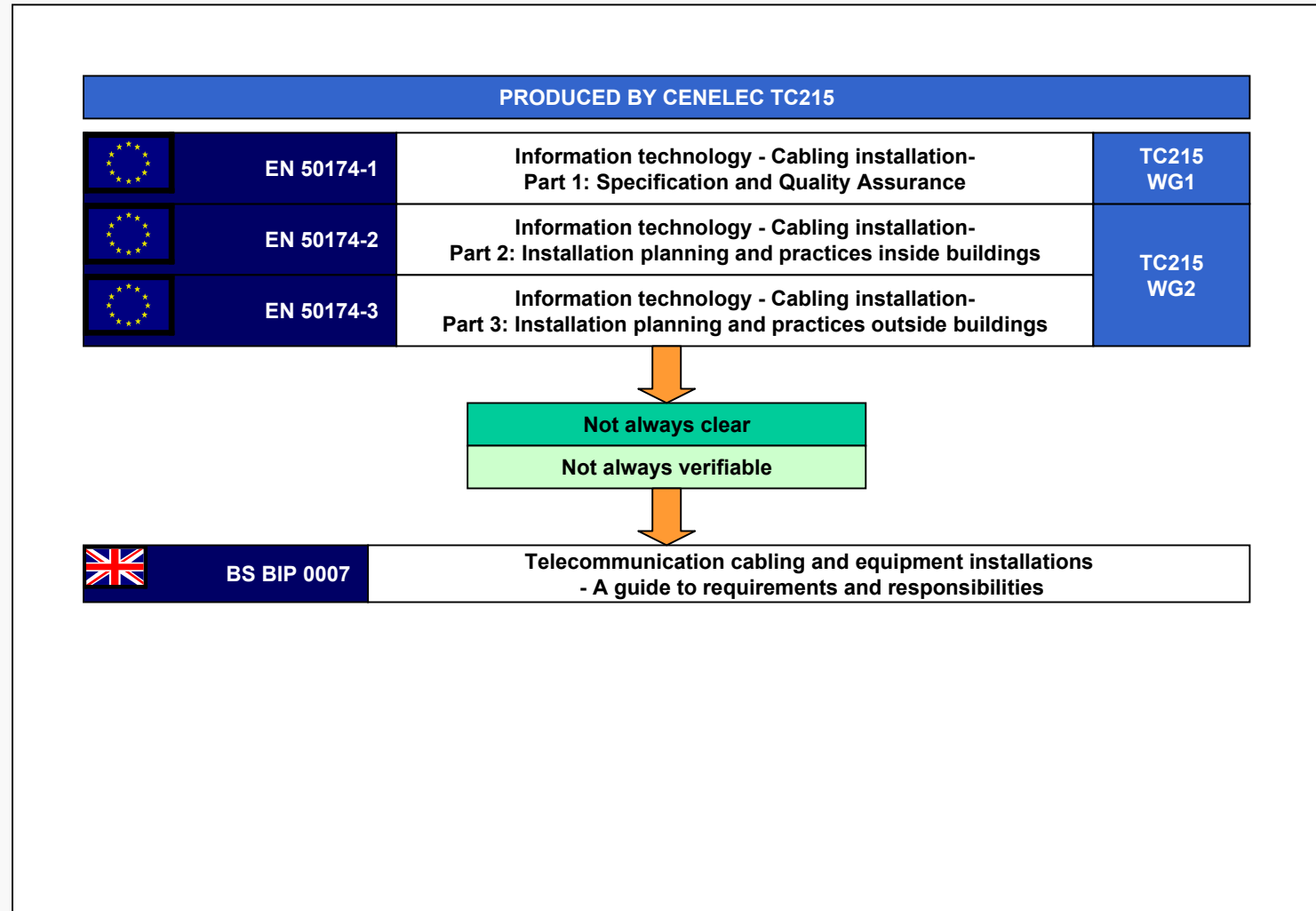
Independent of the configuration of installed telecommunications equipment and telecommunications cabling, there shall be a documented policy in the event of faults and breakdowns.

BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

EN 50174-X

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

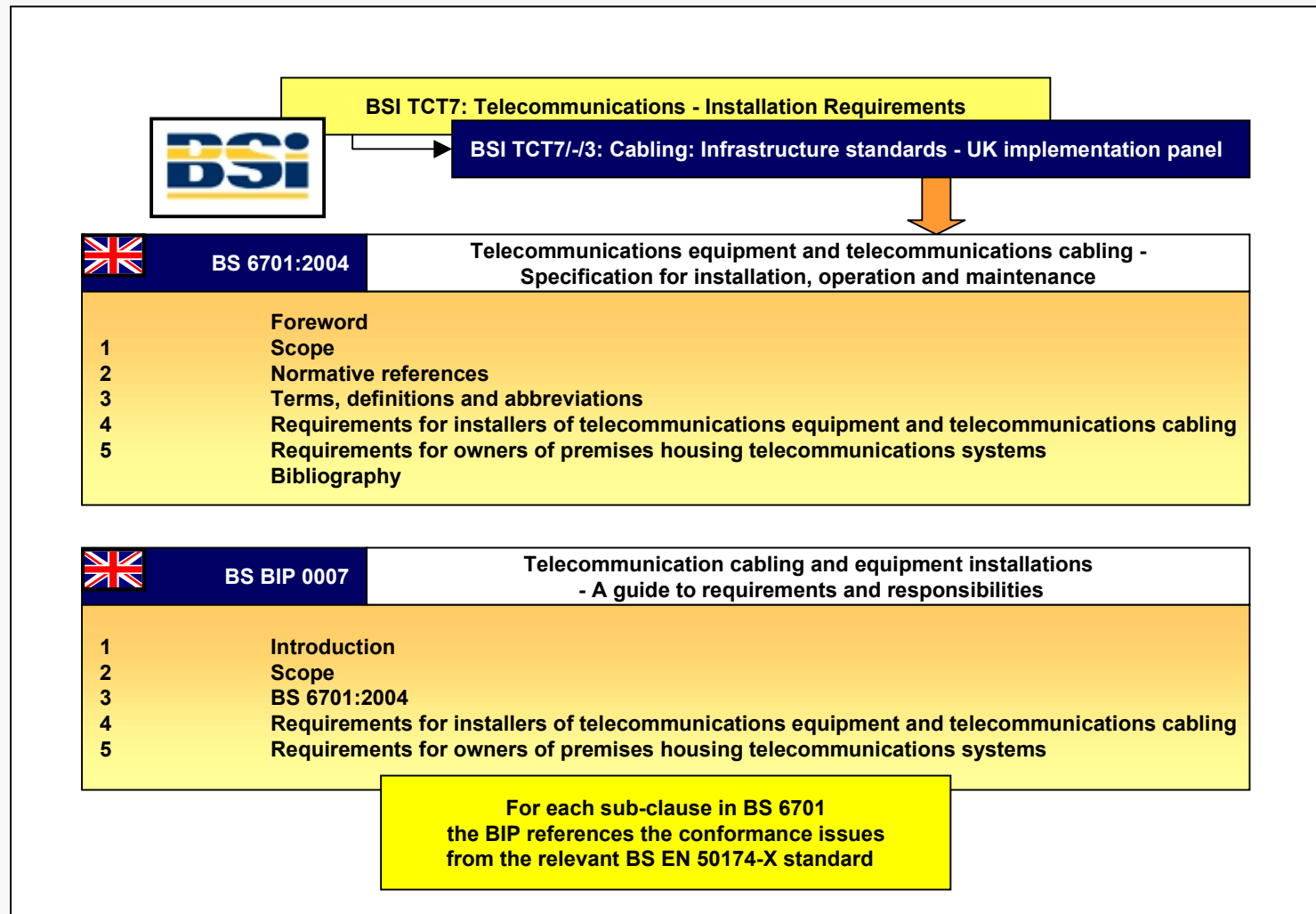


BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

BIP 0007

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

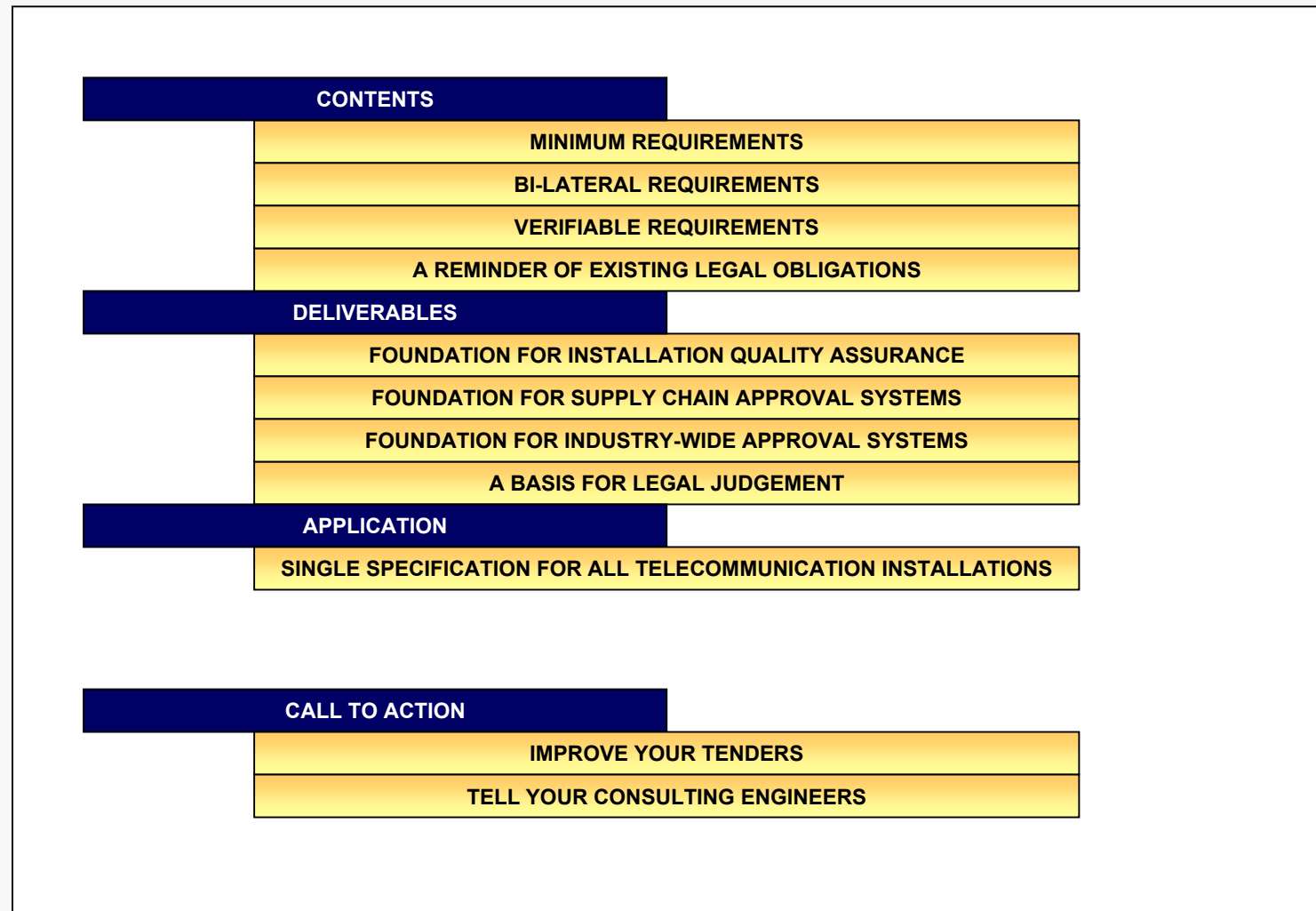


BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

BS 6701:2004 Summary

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION



BS 6701:2004
THE "ONE-STOP-SHOP"
INSTALLATION STANDARD

AUA
12th April 2005

TELECOMMUNICATIONS
IN HIGHER EDUCATION

Further Information

www.it-cabling.com/Projects/AUA/aua.htm

PRESENTATIONS

ARTICLES

FURTHER SEMINARS AND TRAINING COURSES

iQuAtion DATABASE

LINKS TO OTHER TECHNICAL SUPPORT DOCUMENTS

THANKYOU FOR YOUR ATTENTION