

BICSI Global

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Vice President Global Development and Support





What is BICSI?

BICSI - Building Industry Consulting Service International, Inc.

BICSI is a non-profit association serving professionals in the Information & Communications Technology (ICT) community

Core Purpose: Advancing the ICT Community

BICSI's Vision: BICSI will be the preeminent global resource for developing standards, providing credentials, accreditation and knowledge transfer for the ICT community





BICSI Provides the ICT Community with . . .

Technical Knowledge

- Internationally Adopted Industry Standards
- Technical Publications & Periodicals

Professional Development

- Globally Recognized Credentials
- Training in ICT Design, Installation and Project Management

Access to Local & Global ICT Communities

- Educational Conferences & Exhibitions
- Professional Networking

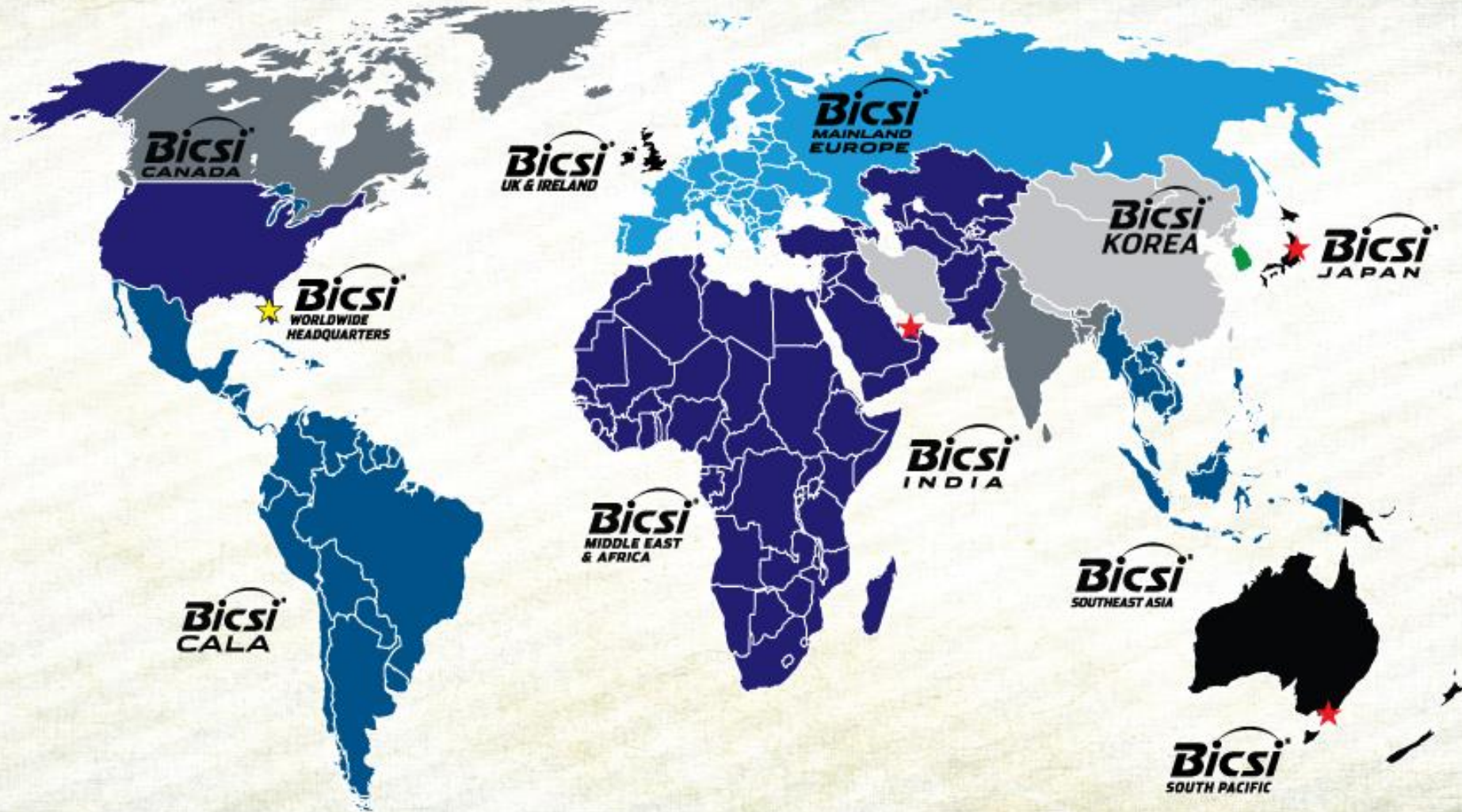




In the Following ICT Community Segments

- Commercial & Residential Infrastructure
- Datacenters
 - Design
 - Operations
- Outside Plant Cabling Distribution
- Electronic Safety & Security
- Building Automation
- Wireless Systems
- Network Infrastructure
- Telecommunications Project Management
- Installation & Verification of Technology Systems

BICSI Serves more than 23,000 ICT community professionals in 100 countries around the world





BICSI CALA

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BICSI CALA



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www.bicsi.org/cala





BICSI Products & Services



Registered Communications Distribution Designer

Bicsi[®]
RCDD

www.bicsi.org/rcdd





Registered Communications Distribution Designer

UFC-3-580-01
22 June 2007

UFC-3-580-01
22 June 2007

UNIFIED FACILITIES CRITERIA (UFC)

TELECOMMUNICATIONS BUILDING CABLING SYSTEMS PLANNING AND DESIGN



CHAPTER 2 BUILDING TELECOMMUNICATIONS CABLING SYSTEM SPECIFICATIONS

The BCS is designed to satisfy Army Installation Information Infrastructure Architecture (IIA) policy, UFC 3-580-10 Design: Navy and Marine Corps Intranet (NMCI) Standard Construction Practices Information System (IS), and Engineering Technical Letter (ETL) 02-12: Communications and Information System Criteria for Air Force Facilities requirements within a facility. The BCS must be installed in accordance with the Telecommunications Industry Association (TIA) and Electronics Industry Alliance (EIA) Building Telecommunications Wiring Standards general guidelines with modifications and clarifications provided below. TIA/EIA specifications can be purchased at <http://www.tiaonline.org/standards/>. Telecommunications design must be performed and stamped by a Registered Communications Distribution Designer (RCDD) for all projects. For projects that involve the Navy Marine Corps Intranet (NMCI), coordinate infrastructure design with UFC 3-580-10 Design: Navy and Marine Corps Intranet (NMCI) Standard Construction Practices. For projects that involve the US Air Force coordinate infrastructure design with ETL 02-12.

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www.bicsi.org/rcdd





Other BICSI Credentials



www.bicsi.org/credentialing





BICSI Installation Program



www.bicsi.org/installation





BICSI ICT Training

- **BICSI CONNECT**
Web-based training
- **BICSI Webinars**
Instructor-led courses online
- **On-Site Classes**
BICSI Training Delivery Specialists (TDS) come to you
- **Open Enrollment Courses**
Open to general public; check schedule online
- **Authorized Training Facilities and Authorized Design Training Providers (ATF/ADTP)**
BICSI courses offered at approved locations by licensed instructors

www.bicsi.org/training





Electronic Credentialing Exams

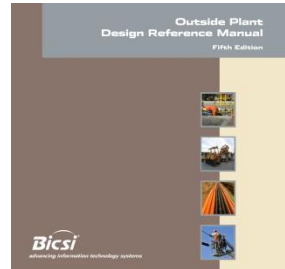
- Test for BICSI credentials
- Visit www.pearsonvue.com/bicsi to schedule a computer-based exam
- Email credentialing@bicsi.org for exam specifics

www.bicsi.org/credentialing





Technical Publications



- Information Technology Systems Installation Methods Manual (ITSIMM)
- Telecommunications Distribution Methods Manual (TDMM)
- Outside Plant Design Reference Manual (OSPDRM)
- Telecommunications Project Management (TPM) Manual

www.bicsi.org/publications





BICSI International Standards Program

- Develop standards within all facets of Information & Communications Technology (ICT) infrastructure design and installation
- Details:
 - Over 500 members worldwide
 - Accredited by ANSI
 - Develops international standards and best practices
 - Nonprofit program - free of financial influences

www.bicsi.org/standards





Information on ANSI

(American National Standards Institute)

- Promotes the use of standards in the US
- Accreditation body for:
 - Standards Development
 - Credentials (ISO 17024)
 - Testing Labs (ISO 17025)
- Ensures open and impartial processes
- Doesn't develop standards!



BICSI Standards Within ICT

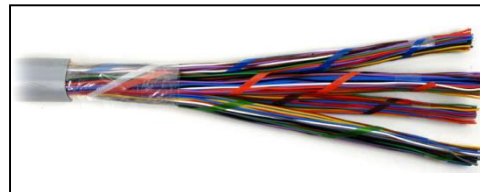
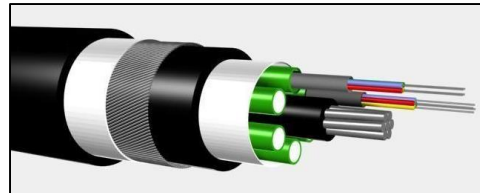
IEEE

Defines the message and transmission characteristics

7	Application
6	Presentation
5	Session
4	Transport
3	Network
2	Data Link
1	Physical

ISO/IEC & TIA

Defines the transmission media and system specifications



BICSI

Defines how to design solutions using transmission media and systems





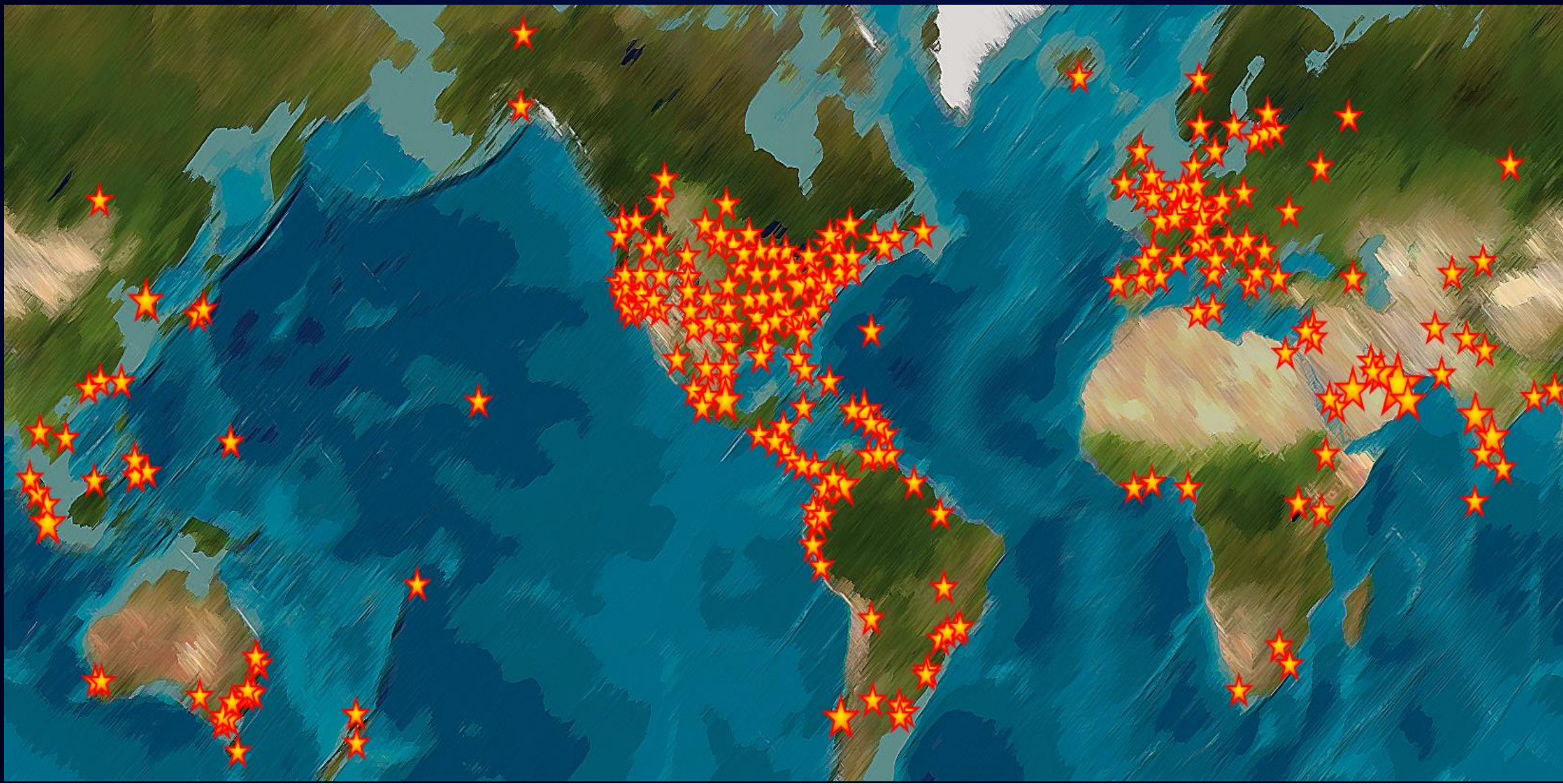
BICSI Published Standards

- Building/Facilities
 - Education Facilities (001)
 - Data Centers (002)
 - Healthcare Facilities (004)
- Systems
 - ESS (005)
 - DAS (006)
- Installation
 - Cable Installation (NECA/BICSI 568)
 - ICT Bonding and Grounding (NECA/BICSI 607)
- Other
 - BIM for ICT (003)

www.bicsi.org/standards



Reach of BICSI Standards





BICSI Events

Conferences & Exhibitions

Technical presentations, exhibits and networking

Breakfast Clubs

Breakfast, technical presentations and networking

Pub Clubs

Refreshments, technical presentations and networking

Seminars

Technical presentations and networking at a sponsored site

www.bicsi.org/events





BICSI Global 2017 Conferences & Exhibitions

- **BICSI Winter Conference & Exhibition**
22 – 26 January, Tampa, Florida, USA
- **BICSI CALA District Perú Congreso**
3 March, Lima, Perú
- **BICSI India District Conference & Exhibition**
13 April, Mumbai, India
- **BICSI Middle East & Africa District Conference & Exhibition**
18 – 20 April, Dubai, UAE
- **BICSI Canadian Conference & Exhibition**
8 – 11 May, Vancouver, British Columbia, Canada
- **BICSI South Pacific Conference & Exhibition**
24 May, Auckland, New Zealand
- **BICSI UK & Ireland Conference & Exhibition**
14 June, London, UK
- **BICSI CALA District – DataNet**
9 – 11 August, Mexico City, Mexico
- **BICSI Middle East & Africa District Conference & Exhibition**
17 August, Lagos, Nigeria
- **BICSI Fall Conference & Exhibition**
24 – 28 September, Las Vegas, Nevada, USA
- **BICSI South Pacific Conference & Exhibition**
26 – 27 September, Melbourne, Victoria, Australia
- **BICSI Italian Conference & Exhibition**
24 October, Rome, Italy
- **BICSI Mainland Europe Conference & Exhibition**
TBD October
- **BICSI CALA District Conference & Exhibition**
2 November, San Juan, Puerto Rico
- **BICSI Southeast Asia District Conference & Exhibition**
15 - 17 November, Bangkok, Thailand
- **BICSI Southeast Asia District Conference & Exhibition**
21 – 22 November, Manila, Philippines
- **BICSI Korea District Conference & Exhibition**
27 November, Seoul, South Korea
- **BICSI Japan District Conference & Exhibition**
29 November, Tokyo, Japan

www.bicsi.org/conferences





A Typical BICSI Audience Includes:

- ✓ Architects and Consultants
- ✓ Audiovisual (AV) Professionals
- ✓ Authorities Having Jurisdiction (AHJs)
- ✓ BICSI Credential Holders
- ✓ Broadband Service Providers
- ✓ Cabling Installers and Technicians
- ✓ Civil Engineers
- ✓ Communications Managers—Corporate and Government
- ✓ Communications Resellers and VARs
- ✓ Construction Managers (CMs)
- ✓ Data Center Designers and Engineers
- ✓ Electronic Safety and Security Professionals
- ✓ End Users
- ✓ Facility Owners and Managers
- ✓ General Contractors
- ✓ ICT Contractors
- ✓ ICT Design Consultants
- ✓ Management Professionals
- ✓ Marketers
- ✓ Military Personnel
- ✓ Network Designers and Administrators
- ✓ Outside Plant (OSP) Engineers
- ✓ Project Managers—Government, Military, Civilian and Corporate
- ✓ Quality Controllers
- ✓ Sales Engineers and Professionals
- ✓ Wireless/Digital Professionals
- ✓ Students



Key Takeaways

- ✓ BICSI Offers Comprehensive ICT Professional Development
- ✓ Improve Quality of ICT Systems Deployed Worldwide via, Education, Credentialing & Standards Development
- ✓ World Renowned Global Association



Thank You!

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