

WELCOME

BICSI Southeast Asia Thailand Conference 2017

(23th to 24th November 2017)

AVANI Riverside Bangkok Hotel

Garies Chong, RCDD, DCDC

BICSI Southeast Asia District Chair

M.D. of EMS Wiring Systems



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BICSI – A Global Perspective



Garies Chong, RCDD, DCDC

BICSI Southeast Asia District Chair
MD of EMS Wiring System,



What is BICSI ?

BICSI - **B**uilding **I**ndustry **C**onsulting **S**ervice **I**nternational, Inc.

BICSI is a non-profit association serving professionals in the Information & Communications Technology (ICT) community with its headquarter in Tempa, USA.

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



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BICSI Southeast Asia with its headquarter in Singapore covers countries such as Malaysia, Singapore, Vietnam, Thailand, Philippines, Cambodia, Brunei, Lao & Indonesia.



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RCDD, DCDC



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Southeast Asia
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RCDD



Indonesia Country
Chair
Ralf Yeo



BICSI Provides ICT Community Professionals with.....

Technical Knowledge

- Internationally Adopted Industry Standards
- Technical Publications & Magazine at Regular Intervals

Professional Development

- Globally Recognized Credentials
- Trainings & Certifications in Design, Installation and Project Management

Access to the Local & Global Communities

- Educational Conferences & Exhibitions, Breakfast & Pub Clubs
- Professional Networking



In the following ICT community segments

- Commercial & Residential Infrastructure
- Data Centers
- Outside Plant Cabling Distribution
- Electronic Safety & Security
- Building Automation and IoT
- Wireless Systems
- Network Infrastructure
- Telecommunications Project Management



BICSI serves more than 23,000 ICT industry professionals in 100 countries around the world



BICSI's Global Footprint



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



BICSI Global Conferences & Exhibitions

- Offered around the world
- Educational presentations on industry relevant topics
- Huge exhibit hall with international exhibitors
- Motivational & invited guest speakers
- Pre and post-conference workshops & courses
- Superior networking opportunities
- Continuing Education Credits (CECs) earned



www.bicsi.org/conferences

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BICSI Global 2017 - 2018 Conferences & Exhibitions

BICSI South Korea Conference & Exhibition

24 November 2017 Seoul, South Korea

BICSI Middle East & Africa Conference & Exhibition

17 - 19 April 2018, Dubai, UAE

BICSI Japan Conference & Exhibition

29 November 2017, Toyko, Japan

BICSI CALA District Peru Congress

23 – 24 May 2018, Lima, Peru

BICSI MEA – Breakfast Club

05 January 2018, Dubai, UAE

BICSI CALA District Conference & Exhibition

28 September 2018, Bangalore, India

BICSI Winter Conference & Exhibition

04 – 08 February 2018 , Orlando, Florida, USA

BICSI Fall Conference & Exhibition

09 – 13 September 2018, San Antonio, Texas, USA

BICSI India Conference & Exhibition

12 April 2018, Mumbai, India

BICSI CALA District Conference & Exhibition

08 November 2018, Statesboro, GA, USA



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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 (CM)
- 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
- Networking Designers and Administrators
- Outside Plant (OSP) Engineers
- Project Managers – Government, Military, Civilian and Corporate
- Quality Controllers
- Sales Engineers and Professionals
- Wireless/Digital Professionals



BICSI Global Conferences & Exhibitions

BICSI Southeast Asia Conference & Exhibitions 2018

Singapore



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BICSI Products & Services



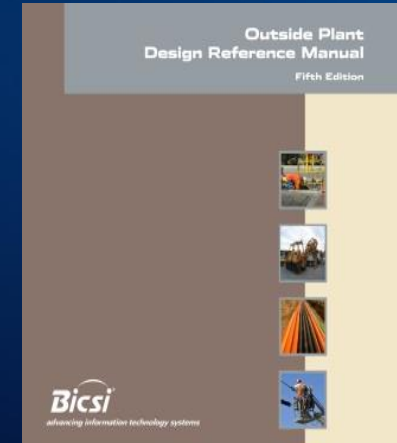
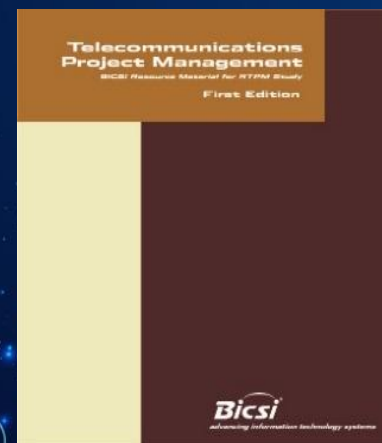
www.bicsi.org/credentialing

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Technical Publications : BICSI Methods Manuals for designing & installation references



- 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



Technical Publications : BICSI Standards is to provide requirements, guidelines and best practices



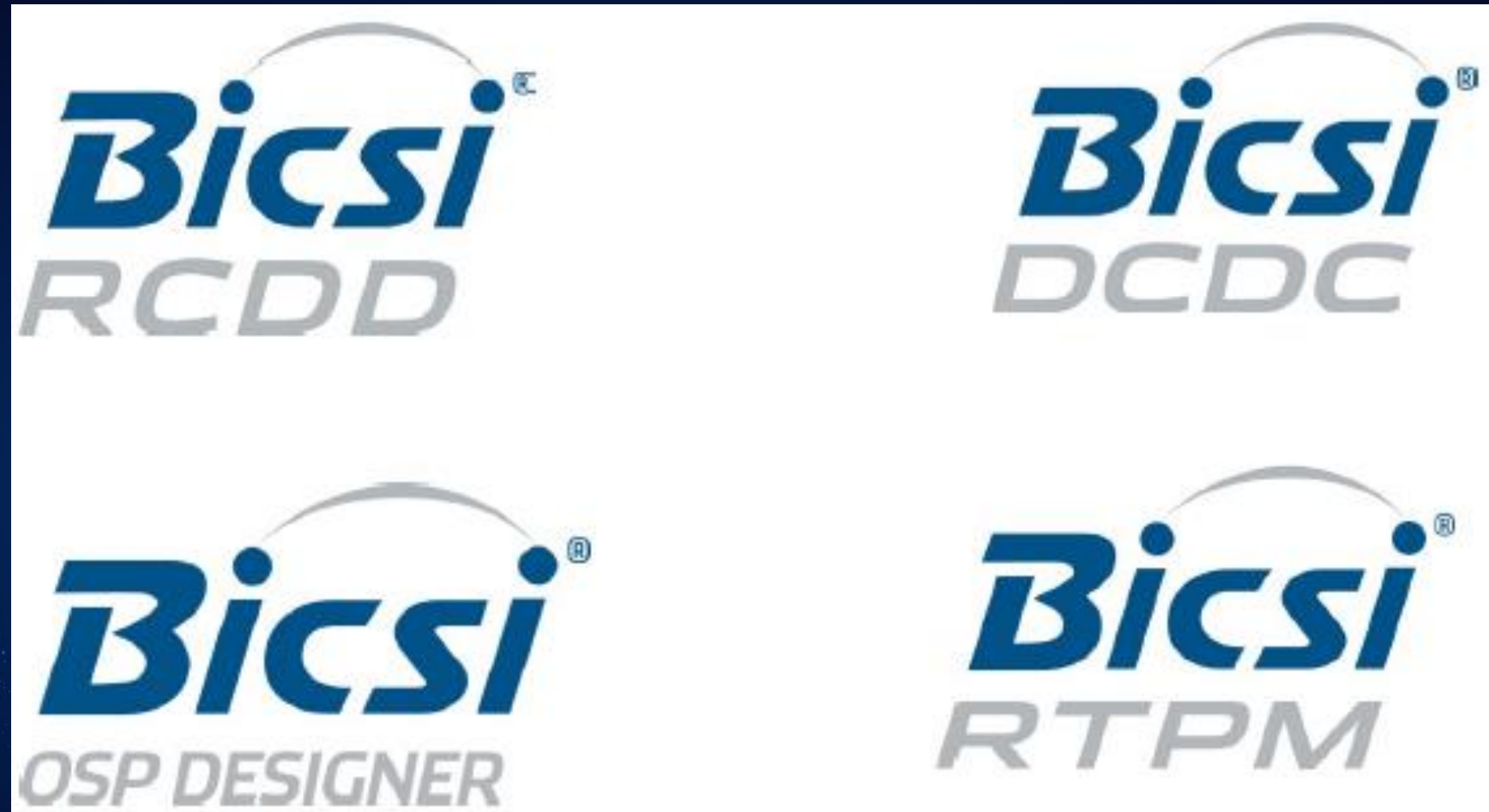
- *ANSI/BICSI 002-2014, Data Center Design and Implementation Best Practices*
- *ANSI/BICSI 004-2012, Information Technology Systems Design and Implementation Best Practices*
- *ANSI/BICSI 005-2016, Electronic Safety and Security (ESS) System Design and Implementation Best Practices*
- *ANSI/BICSI 006-2015, Distributed Antenna System (DAS) Design and Implementation Best Practices*



Reach of BICSI Standards



BICSI Flagship Design Credentials



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BICSI Internationally Recognised Credentials

Registered Communications Distribution Designer (RCDD)

An RCDD demonstrates the ability to design, integrate and implement ICT across multiple disciplines and applications.

Registered Telecommunications Project Manager (RTPM)

An RTPM demonstrates knowledge in project management concepts and tools in the ICT industry.



BICSI Internationally Recognised Credentials

Data Center Design Consultant (DCDC)

DCDC credential holders demonstrate knowledge in various aspects of data center design and the ability to apply this knowledge.

Outside Plant (OSP) Designer

OSP Designers demonstrate knowledge in OSP technology and the ability to design aerial, underground and direct-buried infrastructures.



Registered Communications Distribution Designer



The most prestigious of all BICSI credentials



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



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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 (NMC) 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 herein. The BCS specifications can be extracted at

www.bicsi.org/rcdd. Telecommunications design must be performed and managed by a Registered Communications Distribution Designer (RCDD) for all projects. For projects that involve the Navy Marine Corps Intranet (NMC), coordinate infrastructure design with UFC 3-580-10 Design: Navy and Marine Corps Intranet (NMC) Standard Construction Practices. For projects that involve the US Air Force coordinate infrastructure design with ETL 02-12.

Bicsi[®]
RCDD

www.bicsi.org/rcdd



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**Work toward a
BICSI credential**

BICSI Training

BICSI CONNECT

- Web-based training

BICSI Webinars

- Instructor-led courses online

On-Site Classes

- BICSI Training Delivery Specialists (TDS) come to you

Open Enrolment Courses

- Open to general public; check schedule online

Authorized Training Facilities (ATF) & Authorized Design Training Providers (ADTP)

- BICSI courses offered at approved locations by licensed instructors



BICSI Current Standard Activities

New Standards

Data Center Operations
ICT Systems for Intelligent
Buildings

OSP Installation and
Construction

- General Principles
- Aerial Pathway



Revision Activities

Revision to BICSI 005, ESS

- IP Fire Alarm

Revision to BICSI 001,
Educational Facilities

- Expanded scope to include secondary, graduate, post-graduate facilities

Your First Steps in BICSI

- ✓ Become a member
- ✓ Purchase and study the publications
- ✓ Participate and help organize events
- ✓ Consider the certification programs
- ✓ Specify BICSI in tenders
- ✓ Become a volunteer



www.bicsi.org

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Key Takeaways

- BICSI Offers Comprehensive ICT Industry Professional Development
- Improve Quality of IT Systems Deployed Worldwide via Education and Credentialing
- International Association with a Global Reach





Thank You!

Garies Chong, RCDD, DCDC

BICSI Southeast Asia District Chair

M.D. of EMS Wiring Systems

