WELCOME

BICSI Southeast Asia Thailand Conference 2017
(23rd to 24th November 2017)
AVANI Riverside Bangkok Hotel

DAY 2

Garies Chong, RCDD, DCDC
BICSI Southeast Asia District Chair
M.D. of EMS Wiring Systems
Technical Publications
(Manuals & Standards)

Garies Chong, RCDD, DCDC
EMS Wiring System, BICSI Southeast Asia District Chair
What is BICSI?


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

BICSI is a global association serving more than 23,000 ICT industry professionals in 100 countries around the world with its headquarters in Tampa, 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.
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
BICSI – Manuals & Standards
Technical Publications: BICSI Manuals (Methods & Reference Manuals)
Technical Publications: BICSI Manuals
- Methods & Reference Manuals

- *Telecommunications Distribution Methods Manual (TDMM)*
- *Telecommunications Project Management Manual (TPMM)*
- *Information Technology Systems Installation Methods Manual (ITSIMM)*
Technical Publications: BICSI Standards
(Design and Implementation Best Practices)
BICSI Standards Publications

**BICSI 001-2017**

**BICSI 002-2014**
Data Center Design & Implementation Best Practices.

**BICSI 003-2014**
BICSI Standard Publications

BICSI 004-2012

BICSI 005-2016
BICSI Standard Publications

BICSI 006-2015
Distributed Antenna System (DAS) Implementation Best Practices.

It supports numerous services used on a daily basis:

- Cellular Service.
- Personal Communications Services (PCS).
- Enhanced Specialized Mobile Radio (ESMR).
- Advanced Wireless Services (AWS).
- Broadband Radio Services (BRS).
- Public Safety and Business Band Land Mobile Radio (LMR).
- Emergency Medical Services (EMS) Radio.
BICSI Standard Publications

BICSI 007-2017
ICT Design & implementation for Intelligent Buildings and Premises.

NECA/BICSI 607
Standard for Telecommunications Bonding and Grounding Planning and Installation Methods for Commercial Building.
BICSI Internationally Recognised Design Credentials

- RCDD
- DCDC
- OSP DESIGNER
- RTPM
BICSI Internationally Recognised Credentials

Registered Communications Distribution Designer (RCDD)
Telecommunications Distribution Methods Manual (TDMM)

Registered Telecommunications Project Manager (RTPM)
Telecommunications Project Management Manual (TPMM)

Data Center Design Consultant (DCDC)
BICSI 002- 2014 Data Center Design & Implementation Best Practices.

Outside Plant (OSP) Designer
Outside Plant Design Design Reference Manual (OSPDRM)
BICSI Installation Credentials

www.bicsi.org/installation
BICSI Cabling Installation Program

The goal of BICSI's Cabling Installation Program is to produce highly competent cabling installers.

The four installation credentials BICSI offers are:

- IN101: BICSI Installer 1 (INST1) Non-Renewable Certificate
- IN225: BICSI Installer 2, Copper (INSTC)
- IN250: BICSI Installer 2, Optical Fiber (INSTF)
- TE350: BICSI Technician (TECH)

Upon completion of training, program participants should be able to conduct site surveys and install, terminate, and test copper and optical fiber cable to the highest level of specification.
ANSI (American National Standards Institute)

Promotes standards use within United States

Accreditation body
- Standards Development
- Credentialing Bodies (ISO 17924)
- Testing Laboratories (ISO 17025)

Ensures open and unbiased standards development processes

Does not create standards
BICSI International Standards Program

- BICSI develop standards within all aspects of ICT infrastructure design and installation over 450 members worldwide

- Accredited by ANSI (American National Standards Institute)

- Develops international open to use "royalty free" standards and best practices
BICSI Subject Matter Experts

More than 150 subject matter experts from around the world participated in developing the standard.

**Perspectives Group**
DC Manager, DC Operators, Consultants, Contractors, Risk Assessors, Manufacturers & Commissioning Agents
*contributing their point of views

**Expertises Group**
Facility Engineers/Architects, IT Engineers/Architects, System Administrators, Telecommunications, Security, Fire Protection & Project Managers
*contributing their expert skills or knowledges.*
How to obtain this prestige Data Center Design Consultant (DCDC) credential?
Get the Publication
The DCDC credential is based on ANSI/BICSI 002-2014, Data Center Design and Implementation Best Practices.

Take the Courses
BICSI offers Data Center Training through Instructor-led or Web-based.

Earn the Credential
Take the examination in any of 4,500 Pearson VUE Authorized Testing Centre worldwide and passing the DCDC examination.
BICSI Data Center Design Consultant (DCDC) Credential

Built Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF
DATA CENTER DESIGN CONSULTANT
IS AWARDED TO
Garies Chong

by BICSI in recognition of having successfully completed BICSI’s registration and examination requirements.

Designation Number: 196500
Registration Start Date: 1/1/2017
Registration End Date: 12/31/2019

Chair, Registration & Credentialing Supervision Committee

Director of Credentialing

12/9/2013
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 Learning Academy Courses

Data Center Design
- DC101: Introduction to Data Center Design (BICSI Connect - Web-based Training)
- DC102: Applied Data Center Design and Best Practises
- DCDC Online Test Preparation Course

Outside Plant Design
- OSP110: Cable Plan Design
- OSP200: OSP Design Review

Telecommunication Bonding & Grounding
- BG101: Foundation of Telecommunications Bonding and Grounding (Online course via BICSI Connect)
- BG102: Best Practices for Telecommunications Bonding and Grounding
BICSI Learning Academy Courses

**Project Management**
- PM101: Introduction To Project Management (BICSI Connect - Web-based Training)
- PM102: Applied Telecommunications Project Management
- PM103: Advanced Tools for ICT Project Management (BICSI Connect – Web-based Training)

**Telecommunication Distribution Design**
- DD101: Foundations of Telecommunications Distribution Design (Online Course via BICSI Connect)
- DD102: Designing Telecommunications Distributions System
- RCDD Online Test Preparation Course
Join BICSI Today!

- Become a member of BICSI and be informed of the latest ICT updates
- Purchase and study the publications & consider the certification programs
- We welcome you as a volunteer of BICSI to participate & help to organize events
Stay in the BICSI Loop

facebook: www.facebook.com/bicsi
Linkedin: www.linkedin.com
YouTube: www.youtube.com/bicsi2008
twitter: www.twitter.com/bicsi
Key Takeaways

- BICSI offers members with opportunities for continual improvement and enhanced professional development or achievement.
- BICSI advances members’ ability to deliver the highest quality products and services worldwide via publications, education and credentialing.
- BICSI is an international association with a global reach.
For more informations, visit BICSI website at www.bicsi.org

Thank You!

Garies Chong, RCDD, DCDC
EMS Wiring Systems, BICSI Southeast Asia District Chair