BICSI Global

Betty Bezos, RCDD, DCDC, OSP, ESS
Chair – BICSI CALA
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
District Chair
Betty Bezos, RCDD, DCDC, NTS, OSP, ESS, CT
bbezos@bicsi.org

District Vice Chair
Nelson Farfan, RCDD
nfarfan@bicsi.org

District Secretary
Yuri Bravo, RTPM, CT
ybravo@bicsi.org

Barbados
Country Chair
Peter Rock, RCDD, NTS
PeterRock@bicsi.org

Puerto Rico
Country Chair
Ramon Arce
ramonarce@bicsi.org

Chile
Country Chair
Juan Enrique Torres M.
jtorres@bicsi.org

www.bicsi.org/cala
BICSI CALA

Belize, Costa Rica, Honduras, and Panama
**Country Chair**
Rolando Alvarado, RCDD
rolandoalvarado@bicsi.org

**Vice Country Chair**
Juan C. Dieguez Contreras, RCDD
jdieguez@bicsi.org

Colombia
**Country Chair**
Martha Lucia Garzon Mendez
mlgarzon@bicsi.org

**Ecuador & Bolivia**
**Country Chair**
Marcelo P Bonilla
mbonilla@bicsi.org

**Vice Country Chair**
Carlos Buznego
CarlosBuznego@bicsi.org

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Peru
Country Chair
Cristian A. Reyes
creyes@bicsi.org

Vice Country Chair
Rosalia L. Zarate
rzarate@bicsi.org

Mexico
Country Chair
Nidia L. Tenorio, RCDD
ntenorio@bicsi.org

Vice Country Chair
Jocatan Vazquez

Uruguay
Country Chair
Pablo Rynkowski
prynkowski@bicsi.org

Venezuela
Country Chair
Alex Guy
alexguy@bicsi.org

Nicaragua
Country Chair
Pablo A. Lopez Mayorga, RCDD, OSP, TECH
plopez@bicsi.org

www.bicsi.org/cala
BICSI Products & Services
Telecommunications
Building Cabling Systems
Planning and Design

Unified Facilities Criteria (UFC)

Chapter 2: Building Telecommunications Cabling System
Specifications

The BCS is designed to support Army Installation Information Infrastructure Architecture (IIA) policy. UFC 3-588-10: Design; Navy and Marine Corps Intranet (NMC) Standard Construction Practices Information System (SIS), 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 adaptations. In coordination with U.S. Air Force Facilities Engineering Technical Letter (ETL) 02-12, Telecommunications design must be performed by a Registered Communications Distribution Designer (RCDD) on all projects. For projects that involve the design of a Department of Defense (DoD) installation, the Telecommunications design must be performed by a Registered Communications Distribution Designer (RCDD) on all projects. For projects that involve the design of a Department of Defense (DoD) installation, the Telecommunications design must be performed by a Registered Communications Distribution Designer (RCDD) on all projects.

www.bicsi.org/rcdd
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

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
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 -2018 Conferences & Exhibitions

- 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 CALA District Conference & Exhibition
  2 November, San Juan, Puerto Rico

- BICSI Southeast Asia District Conference & Exhibition
  23- 24 November, Bangkok, Thailand

- BICSI Southeast Asia District Conference & Exhibition
  21 – 22 November, Manila, Philippines

- BICSI Winter Conference & Exhibition
  4- 8 February, Orlando FL

- BICSI Middle East and Africa Conference & Exhibition
  17- 19 April, Dubai UAE

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!

Betty Bezos, RCDD, DCDC, OSP, ESS
Chair BICSI- CALA
bbezos@bicsi.org
betty@bezos.com