There's a Reason RCDDs are

REQUIRED

on so Many Building Design Projects

Cabling infrastructure is complex. That's why it is essential that you have someone on your team who understands all aspects of this highly technical area. The RCDD program was created to develop individuals whose skills have made them authorities in the design of cabling infrastructure.

What is an RCDD?

A Registered Communications Distribution Designer (RCDD®) is an individual who has demonstrated knowledge in the design, integration and implementation of telecommunications and data communications technology systems and related infrastructures. These individuals are uniquely positioned to create the detailed design of a new system and/or integrate design in an existing structure. The RCDD is one of the highest design credentials in the information and communications technology (ICT) industry, recognized worldwide.

An RCDD is required to have at least five years of ICT design experience or an equivalent combination of experience, approved education and industry certifications. An RCDD has likely spent hundreds of hours studying the *Telecommunications Distribution Methods Manual (TDMM)* and sat through numerous ICT fundamentals and design courses. But to earn the prestigious RCDD credential, they must have proven their knowledge by passing an extensive exam.

What is BICSI?

BICSI® is a professional association supporting the information and communications technology (ICT) industry. ICT covers the spectrum of voice, data, electronic safety & security, project management and audio & video technologies. It encompasses the design, integration and installation of pathways, spaces, fiber- and copper-based distribution systems, wireless-based systems and infrastructure that supports the transportation of information and associated signaling between and among communications and information gathering devices. BICSI serves nearly 23,000 ICT professionals through courses, conferences, publications and professional registration programs. Headquartered in Tampa, Florida, USA, BICSI membership spans nearly 100 countries.

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Downloadable brochure available at www.bicsi.org/rcdd.

Building Design at its Best

INCLUDES a BICSI RCDD

Why is an RCDD

CRITICAL

in the building design process?

An RCDD has been taught the importance of achieving an efficient, cost-effective, future-ready system, no matter what the stage of the project.

Initial Planning Stage: An RCDD has learned how to create a smart design, evaluating the proper amount of space needed today and for years to come. By minimizing costly change orders, an RCDD can save you valuable time and money.

Mid-project: RCDDs who manage the infrastructure installation can guide the design so that it is followed correctly and make any necessary modifications as needed.

Project Completion: An RCDD adds credibility to a project by signing off when the project is complete.

Many government, military and large business

BID CRITERIA

require an RCDD for the design and implementation phase of a structured cabling system.

The *U.S. Courts Design Guide*[1] requires that pathways and spaces be designed by an RCDD.

Both the U.S. Defense Department's *Unified Facilities Criteria (UFC) -Telecommunications Building Cabling Systems Planning and Design*[2] and the Army's *Technical Criteria for the Installation Information Infrastructure Architecture*[3] require an RCDD to provide design services.

The tender for the *Expansion of the Abu Dhabi International Airport*[4] in the United Arab Emirates requires that the Testing Field Supervisor be an RCDD and that cabling installers have an RCDD on staff.

1 U.S. Courts Design Guide, Judicial Conference of the United States, 2007 (with 2008 revisions), Chapter 15: Building Systems, Communications Systems section, p. 15-15.
2 UFC-3-5801, 22 June 2007, Chapter 2 – Building Telecommunications Cabling System Specifications, p. 4.
3 Department of the Army—United States Army Information Systems Engineering Command—Fort Huachuca, Arizona 85613-5300, Technical Criteria for the Installation Information Infrastructure Architecture, Chapter 2.0 – Building Telecommunications Cabling Systems (BCS) Specifications, p. 2.
4 Contract: Midfield Terminal Building – General Contractor, WBS 1.2.3.3 Tender Document: Volume 3 of 4, SPECIFICATIONS Book 12 of 24 – Division 27 - January 2011.

Having an RCDD on your building team is in

EVERYONE'S BEST INTEREST:

the architect, the builder & the end user.

You can expect an RCDD to follow current standards and best practices for improved quality and performance, including standards established and/or contributed to by: BICSI, Telecommunications Industry Association (TIA), American National Standards Institute (ANSI), National Electrical Contractors Association (NECA), American Institute of Architects (AIA) and Construction Specifications Institute (CSI).

RCDDs are required to demonstrate proficiency across a wide range of areas within structured cabling systems, including network, outside plant, wireless and electronic safety and security design, data centers and building automation systems (BAS). This expanded knowledge enables the RCDD to advise the owner/end user of the appropriate IT, AV and security requirements. The RCDD has learned to perform the design tasks related to these systems, including construction drawings and specifications.

RCDDs carry a high level of quality assurance. They must meet continuing education requirements to maintain their designation to ensure their knowledge remains current.

Note: U.S. General Services Administration (GSA) pricing is available for BICSI RCDD-related and preparatory courses.

BICSI® RCDD

Make Sure You Include an RCDD on Your Project Design Team

An RCDD's ability to assess a building owner's telecommunications needs, and to design and implement a plan that allows for imminent growth, can allow your team to design a highly efficient technology system with minimal costs for later upgrades.