



# What An RCDD® Brings To A Project

## Registered Communications Distribution Designer



### A Standard For Technology Infrastructure Knowledge and Skills

In the U.S., Mechanical-Electrical-Plumbing (MEP) engineers are licensed to ensure the HVAC, electrical and water delivery systems they design meet a variety of essential operational and safety criteria. Low-voltage building technology systems that move data, however, are usually beyond the expertise of MEP firms. While designers for specific systems such as security or AV may be available, expertise in the underlying technology infrastructure is often lacking.

A Registered Communications Distribution Designer (RCDD®) is an experienced tele-communications professional who has demonstrated skills and expertise in the design, integration and installation of Information Technology Systems (ITS), both in the field and through rigorous testing and instructional development. Early involvement of an RCDD on a project can save a great deal of time and money in avoiding costly Change Orders.

### BICSI: The RCDD Governing Body<sup>1</sup>

BICSI® is a professional association supporting the ITS industry including:

- Voice and data
- Audio and video technologies
- Electronic safety and security
- Project management

This encompasses the design, integration and installation of: pathways and 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.

### RCDD Prerequisites<sup>1</sup>

To qualify to apply for the RCDD credential, applicants must have at least one of the following:

- Five years Information Communications Systems (ICT) design experience
- Two years verifiable ICT design experience and three years additional ICT equivalents chosen from combinations of experience, approved education and approved ICT license/certification
- Design includes the development of design plans for ICT integration. using site surveys, user needs analysis, work print creation, project specifications, RFP creation and pre-project coordination with PEs, architects, etc.



### About Archi-Technology

Archi-Technology LLC is an independent consulting firm specializing in the infrastructure that moves data to connect people, technology and buildings. Headquartered in Rochester, NY, the firm provides objective strategic consulting, systems design, technology construction management, and electronic documentation services. Our four RCDDs and one P.E. have extensive experience with communications and systems cabling design and installation.

The company has been actively involved in improving the integration of technology infrastructure and related systems in construction projects for almost 20 years through its affiliation with BICSI, a telecommunications trade association, and the Construction Standards Institute (CSI).

Call **585-424-1952** to see the difference an RCDD can make on your current or future project.

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### PROJECT BENEFITS WITH RCDD INVOLVEMENT

**Plan:** Ensure project scope and budgets are accurate avoiding underfunded technology systems.

**Design:** Create smart designs that are coordinated with the architect's plans to minimize Change Orders.

**Build:** Technology Construction Management ensures designs are implemented correctly and efficiently while providing a smooth transition for daily operations.

**Manage:** Taking a comprehensive "lifecycle" approach to the design and documentation of technology infrastructure improves the long-term facilities management of these systems.



were developed by Archi-Technology to improve productivity and add value throughout the life of a building. For more information please visit [EFRstandards.org](http://EFRstandards.org)



*Technology Consultants  
for the Fourth Utility*



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