

Position Description

3T Innovations

Job Title: Design Architect/ Engineer	Job Code: Full time (Minimum 40 hrs/wk)
Department: Engineering	Labor Category: Design Engineer
Revision Date: 2/12/2016	FLSA: TBD

Position Overview

The AV Systems Design Engineer is responsible for turning client use cases and requirements into the deliverables required to sell and execute the project. This includes initial meetings with clients, assessing their current environment and technology, determining their needs, engineering a design to meet those needs, and helping the account executive explain the solution to the client and answer any questions.

The AV Architect develops the statement of work, engineering drawings and schematic AV, and helps the installation team understand the details of the installation. After installation, the AV Architect helps verify and commission the system.

Requirements

- Demonstrated understanding of the following technologies/products:
 - Control Systems (Crestron and/or AMX)
 - Audio DSP (Biamp, Clearone, Symetrix)
 - Video Conferencing (Cisco, Polycom, Lync)
- Assess Needs to meet customer satisfaction
- Ability to create schematics and engineering drawings
- Interact often and professionally with account executives and clients.
- Keep track of deadlines for multiple projects
- Create engineering documentation such as bills of materials, infrastructure drawings and connection diagrams.
- Provide advice, guidance and subject matter expertise to ensure that schedule, performance, and budget targets are met
- Performs root cause analysis when conference room A/V and VTC issues arise
- Coordinate and manage the design and installation of integrated A/V and VTC solutions
- Develops standard installation guidelines for conference room A/V and VTC equipment

Experience Required:

Ideal candidate will have experience in a project engineer or design engineer role for a major audio-visual systems integrator. Additional experience as an installer, programmer, or project manager is also helpful.

Certifications Expected While In Role:

While the employee is in this role, it is expected that he/she would already have or acquire the following:

- Crestron DMC-E
- CTS-D
- One or more additional manufacturer certifications such as Biamp, ClearOne, Polycom, SMART, etc.

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.