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AV control system
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We collaborate, and
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Crestron, AMX, and Extron Programming Solutions Including Strategic Planning, Management and Maintenance Beyond Installation

The AV control system is at the heart of all integrated AV systems and impacts its overall effectiveness. Proper programming is essential for completing profitable projects, gaining user confidence and client satisfaction, and promoting relationships.

And while AV control system programming can be time consuming and costly, an effectively programmed system can be the centerpiece demonstrating creativity, addressing needs, and providing customized features and operation. Most importantly, an effectively programmed control system can positively enhance the entire user experience.

We believe the key to effective programming includes knowledge and understanding of the system and users. We do this through partner collaboration from start to finish.

Control Concepts is not just a programming company. Our approach to AV control system programming is unique and goes beyond just writing code. We collaborate, and plan strategically.

Strategic Planning

At Control Concepts, our programmers are involved in both the front and back end of the project. Our programmers collaborate with the technology manager or user to assess needs, identify existing standards, determine technical comfort level, gather system requirements, and establish expectations. And then they work with technology managers, consultants, and integrators to confirm that system designs and selected equipment supports the desired functionality.

Control Functionality Specification

As part of the strategic planning process, a Control Functionality Specification, or plan, is developed to define the user interface design/look, feel, and flow, as well as the intended functionality of the system.

The plan provides all partners a chance to review and comment on the proposed solution from programming through implementation, which helps to ensure a successful outcome.

Programming and Support

Once the Control Functionality Specification is approved, the programming begins. The programmers then write complex code that brings the system to life. We go to great lengths to fully program, simulate, and debug programming in house prior to delivery. Therefore, it is important that all information is provided in advance and any system changes are conveyed as soon as they are identified.

Control Concepts' programmers play an integral role working with integrators to test and troubleshoot the system and ensure the requirements are met and the system performs to the expectations of the client. And we can continue to stay involved beyond the installation, providing support and maintenance for the life of the system through expanded offerings.

Over the course of 20 years, we have found that our integrated approach leads to more successful outcomes and longstanding relationships with our clients and partners. Please refer to the Project Management Toolkit to learn more about our approach to programming and development which includes our Process Flow, Project Process & Milestone Flowchart, Project Initiation Checklist, and Site Readiness Checklist.

Please contact us at **projects@controlconcepts.net** to learn more about how we can work with you to develop customized solutions that address your organization's systems needs and enhance ROI.

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