CAD Services for the Audio-Visual Industry

Analytix Audio-Visual CAD Solutions

The Analytix Advantage

Over 60% of America's businesses use outsourced design services ranging from programming to CAD design to complement their existing operations and improve profitability. Analytix now offers this same alternative to system integrators and partners who specialize in the design and installation of sophisticated audio-visual systems.

We provide services that take conceptual 'napkin' design drawings and turn them into detailed Schematic Drawings with system interconnection and signal flow that can be used by any installation crew that include:

➢ Floor and Reflected Ceiling Plans
➢ Elevations and Details
➢ Cable/Conduit Riser Diagrams
➢ Detailed Audio/Video/Control Flow Diagrams
➢ Rack Elevations
➢ Custom Plate Detail Drawings
➢ Component Detail Drawings

Using Web based technologies, Analytix provides a sophisticated job management system that allows our customers to submit, monitor and modify audio visual designs. Once submitted, the actual work is performed rapidly by our highly trained CAD designers who specialize in the Audio Visual segment.

Businesses offering audio-visual products and services can derive significant benefits from using Analytix solutions:

➢ **Savings**

Costs associated with the CAD component of a project can be reduced by up to 50%, directly improving project profitability.

➢ **Focus**

Our services liberate your staff from the mundane data design work associated with CAD, allowing them to add real value to the bottom line.

➢ **Access to professional CAD Services**

Many smaller business owners cannot afford full time expertise in this industry specific arena. The skilled professionals at Analytix are dedicated to this market, highly trained and provide a wealth of industry specific knowledge that can be applied to any project.

➢ **Timeliness**

Timeliness is a key attribute of our services. As an example, our staff can turnaround a simple Medialink job in 2 business days while a more complex AMX/Crestron job can take between 3 to 5 business days.

➢ **Training and Recruitment Costs**

AV companies often need extra manpower but can't afford to train and hire full-time highly paid audio visual design and documentation professionals. Our service alleviates the many issues related to training and recruitment associated with running an in-house CAD department. These companies can not only save on direct costs but also eliminate overhead, management, hiring or training costs.

➢ **Internet based Job Management System**

We have developed an industry specific job management system that allows our customers to submit and monitor the status of any project being worked on by us. This system also incorporates an archival document management system that allows projects and their designs to be stored electronically.

Our Services

Analytix provides the following design services to the professional AV community involved with the design and installation of sophisticated audio visual systems:

Conceptual Design Drawings

Basic line drawings that show signal flow and general concepts that are suitable as a pre-sales tool when finalizing a solution with end users.

Schematic Drawings

Basic to advanced line drawings that describe detailed system interconnection and signal flow. Such drawings provide the necessary detail for an installation crew involved with implementing a turn key solution.

As-Built Documentation

The completed documentation for an installed system or facility that combines all changes and updates. Such designs are typically submitted to the client and/or used by a service department.

Cable & Conduit Riser Diagrams

Drawings with AV cables origination and destinations imposed over Architectural CAD documents.

Equipment/Custom Plate Detail Drawings

Drawings, diagrams, schedules and other data specially prepared for a contractor, manufacturer, supplier or distributor to illustrate some portion of the solution.

Construction Drawings & Documents

Drawings and documentation that provide detailed technical information, such as dimensions, schedules, and referenced large-scale details. Completed construction drawings typically accompany the final specifications in creating a binding legal document for a bid.

Rack Elevation

Drawings that show the placement of AV and related equipment in an enclosure.

The Analytix Process

A design job is created by our customer using our Web based job submission system. Client uploads napkin drawings etc and/or related material to project.

Analytix produces the first revision of the required output using hand sketches, equipment lists, original and/or architectural drawings

Client reviews the design and submits change requests via the Web based job management system.
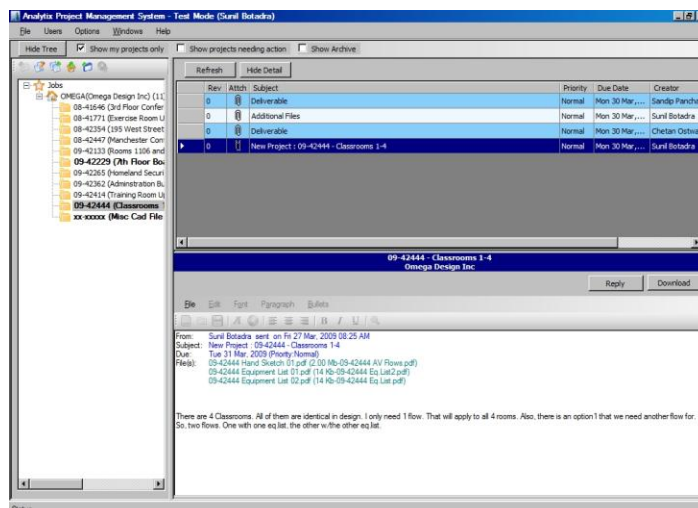

Analytix produces the final design incorporating all the changes required by the client.
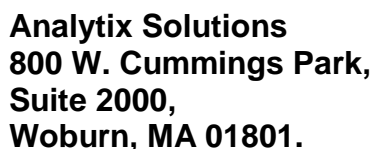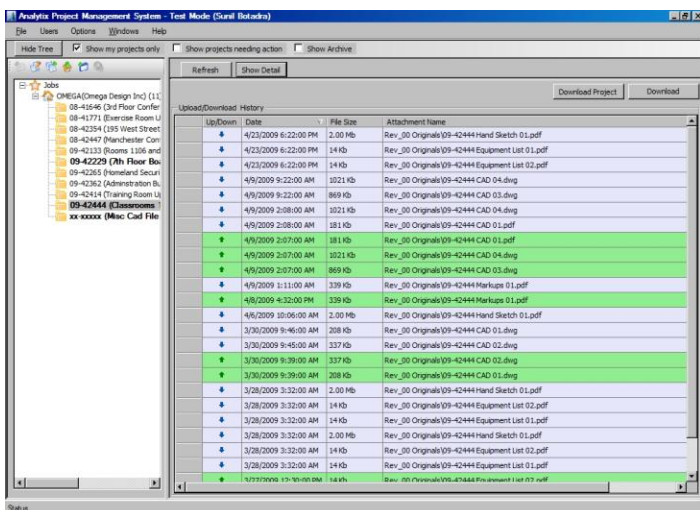
Our Process

Once a client has signed on to our services, our US based coordinator will train one or more client staff members on our Windows based job management system. Typically this coordinator works with clients to define new jobs, track their progress until users are familiar with the Analytix job management systems. It is easy to use allowing jobs to be submitted and tracked as the work is carried out.

1. Authorized engineers at client locations create new projects and upload inputs such as hand sketches and equipment lists using the application.

2. Analytix Project Manager is designed in such a way that you can share files and manage active and archived jobs easily.

3. Clients can easily track changes as well as communicate information to the Analytix team using project management features of the system.

About Us

Analytix is a proven provider of outsourced Accounting, Web Design and CAD Services that brings substantial collective experience in business process outsourcing using sophisticated Internet technology. The company's goal is to cost effectively reduce the burden of critical non-core functions to organizations in a timely efficient manner.

Analytix Solutions
800 W. Cummings Park,
Suite 2000,
Woburn, MA 01801.

www.analytixsolutions.com
Telephone: 781-503-9000
Fax: 781-503-9075