

VidCAD[®] SQL Engineer

Engineering Excellence for 25 Years

Keep projects on time, on budget and online

Harnessing the power of AutoCAD[®] and Microsoft[®] SQL, VidCAD has built the most powerful design and documentation suite available to design engineers. As the world's leading design and documentation tool, VidCAD SQL delivers an application that virtually eliminates drafting and typing when generating schematics, rack elevations and documentation of voice, video, data and security.

VidCAD SQL Engineer is used by a wide range of companies in the private sector, education and government, including areas such as:

- Broadcast (TV & Radio)
- Satellite
- A/V
- IT/Data
- Telecommunications
- Security
- Command & Control (C2, C4ISR)
- Technology in Worship

If you are looking for a design and documentation solution that goes beyond what typical out-of-the-box software provides, you have found it! VidCAD SQL utilizes the productivity and efficiency of AutoCAD[®], the world's leading CAD application, and adds to it many automated tools and the strength and security of having all the design elements complemented by a Microsoft[®] SQL database. VidCAD SQL integrates 100% with AutoCAD[®] and creates TrustedDWG[®] files. This integration also allows engineers to incorporate architectural floor plans into their projects.

I have been a VidCAD user since version 4—yes, four [released in 1994]. From designing A/V Systems distance learning to network HD production trails, VidCAD is the tools that I insist on using for design, construction and as-built docs. I will not design or build a project without it. -Robert M.

As voice, video and data systems become increasingly complex, the need for high quality documentation for ease of management increases proportionally. When this occurs, design and maintenance personnel are expected to accomplish mounting numbers of tasks in the same amount of time. Thanks to the database structure in VidCAD SQL, all changes and updates to a project are automatically updated when changes are made in the design. This means that engineers no longer have to update other drawings, spreadsheets, labels, etc. Whenever a change is made, all the elements affected by the change are automatically updated inside of VidCAD SQL.

We've been using VidCAD since 1995. We used it to design our facility and facilities from many of our clients. VidCAD is superb software that is easy and intuitive to use. It removes the "drafting" from creating schematics, allowing one to concentrate on the design. And yet, the final result is something that any designer, installer, vendor, or client can understand and read. I highly recommend VidCAD. It's some of the best software I've ever used. –Mark H.

VidCAD SQL Engineer Options

VidCAD SQL Engineer is available at the Small Business level or at the Engineer+ level. Small Business is limited to the creation of 1,000 cables in the database per year. Engineer+ has no limitations. It is possible to upgrade Small Business to Engineer+ at any time after initial purchase.

Configuration Options

VidCAD can be run as a standalone workstation, or is easily configured for enterprise use with the options of sharing the database, projects and authorization key over a network. Most networking and enterprise functionality is available at the Platinum support level. For more information on networking options, please contact your account manager.

Support Options

VidCAD SQL Engineer is available with a variety of support plans, either on a monthly or annual basis. For more information on the support options available, please visit www.vidcad.com or contact your account manager.

VidCAD Features:

3 Drawing Types

- Concept: management overview style
- Diagram: complete point to point wiring
- 3-D/Rack Elevation and Floor Plans

Complete integration with Sheet Set Manager

- Automates creation of new sheet sets, drawings, title blocks and TOC
- Publishes an entire drawing set in just 2 clicks

Real or phantom mode in drawings

- Real mode enters all the drawing information in the database
- Phantom mode creates cables and equipment, but entry in the database is delayed until later (e.g. after customer makes changes, but before installation)

Export/Import projects

- Share projects (including library items) between users with this easy to use function

Create new equipment with virtually NO drafting

- Simply select the equipment I/Os and dimensions and VidCAD drafts the block

Recall equipment into new drawings

- Easily bring project equipment into new drawings (e.g. rack, audio, control)

Easily check for errors

- Quickly and easily find cables and equipment that are missing from drawings or from the database

Automatically create reports and labels

- No more TYPING! Simply create reports and labels inside of VidCAD
- Reports and labels are easily exported to Microsoft Excel or other software, or printed to your PDF writer

Flexible cable numbering options

- Sequential cable numbers
- Numbering based on jack or panel I/O
- Numbering by signal types, with automatic layer management

Create jack panel drawings & InterCONNECT reports

- These trouble-shooting drawings trace signal paths from any equipment with I/Os

Make changes globally

- Use VidCAD's Global Editing tools to update multiple drawings and the database when making changes

Easily customize templates

- Easily change VidCAD drawing templates to custom drawing styles so all users draw to the same standards

Cable length estimations

Architectural drawing tools

- Creates 3-D doors, windows and walls on architectural floorplans

Full integration with AutoCAD

- VidCAD runs on full AutoCAD or can come packaged with a run time version of AutoCAD
- All VidCAD drawings are TrustedDWG files

Top of the line support for users