



CASE STUDY: LENSEC uses IP Video System Design Tool by JVSG to easily design large scale surveillance systems and mutually understand client requirements in a better way through 3D visual models of the proposed system, rendered in the design tool

About LENSEC: LENSEC is a leading developer and provider of innovative enterprise-wide web Video Management Solutions (VMS) focused on fostering client partnerships since 1998. LENSEC's Perspective Video Management System(tm) (VMS) enables secure remote access and real-time collaboration with first responders during security events. For more information, visit us at www.lensec.com.

About JVSG: JVSG excels at creating innovative and unique video surveillance tools and the latest video surveillance design software from the company is a boon for CCTV system designers helping them to plan optimum surveillance systems while lowering risks of errors. The software also provides for an easy and intuitive graphical interface which makes it easy to communicate and exchange ideas with clients.



The Challenges

It is not easy to design full-fledged video surveillance systems since there are a plethora of calculations, terminologies and technical factors involved.

The task of individually attending to all these different design aspects and more importantly to make non-technical customers understand your viewpoint is always a challenge.

Since client satisfaction is one of the prime necessities of any business, there needs to be a platform whereby client requirements could be mutually understood amongst the service provider and the customer so that the final product is as close to the desired output as possible.

Normally the tools available in the market do not offer a single window solution to the above challenges

through years of experience and expertise, which helps video system surveillance design engineers to carry out their task with ease.

The software consists of features such as 3D visualization of the camera zones, calculating focal length, pixel density, FOV and network bandwidth and storage calculations, all at one place.

The software has different options for checking our various scenarios and finding best camera positions by adding objects, persons, and even importing models of buildings and premises to check out how the system would behave in the actual situation before actually spending resources, time and energy in actual installation.

LENSEC was able to ease up their design process and achieve greater client satisfaction through the use of this tool.

The Solution

IP Video System Design Tool from JVSG is a comprehensive software solution, developed



The best testimonial is given in the words of the Director of Solutions at LENSEC, Jamie Bradford, whose unedited version of the statement is as follows:

“Developing IP video and surveillance solutions can be a multi-dimensional task. Sure there are calculations you can quickly compile or pull historical information from. But that may only complete half of what you need. There are calculators on the web for FOV, Pixels Per Foot (PPF), Bandwidth, etc., but not an all in one.

Pulling this data into a project format is critical for the development of the solution and also to review with the client. For me the client is the most important part of the equation. Our customers are experts in their field of business, but not necessary already familiar with components and complexity of security solutions we present to them. Challenge that myself and my colleagues are faced with is presenting complex security solution designs in a clear, well-illustrated and easily reviewable format. We want the best experience for our clients all throughout our solution delivery and this starts with a well put together and clearly communicated design.

My position requires me to continually scan the marketplace to find the right solutions for the customer, sometimes I am that customer. When researching tools to help me in my position I came across IP Video System Design Tool from JVSG. I studied the features and benefits and I learned what an all-around tool set this was for designing IP video solutions.

Key features from bandwidth and storage design to actual FOV estimates in graphical format. My customers are thrilled to see a 3D model of a proposed solution. Demonstrating during a presales engagement to show blind spots, lens selection and camera placement outcomes, or requirements for facial and license plate identification really tells a story and validates you as an expert in your field. I am a firm believer and my testimony is from direct use and demonstration of IP Video System Design to my clientele”

Jamie Bradford – Director of Solutions, LENSEC

