

CASE STUDY:

VIS Security Solutions chooses **IP Video System Design Tool** as it was found to be a cost effective and extremely intuitive application which did not require the users to have any previous experience with CAD type applications.



About VIS:

Established in 1989, VIS Security Solutions has grown to become one of the largest and most experienced independent security solutions providers in Ireland. With offices in Belfast, Campsie, Dublin and Cork, the company specialises in delivering tailored collaborative solutions for clients locally and internationally. Learn more: vis-security.com



About JVSG:

JVSG (IPICA Software LLC) 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. Learn more: jvsg.com



BUSINESS CHALLENGES

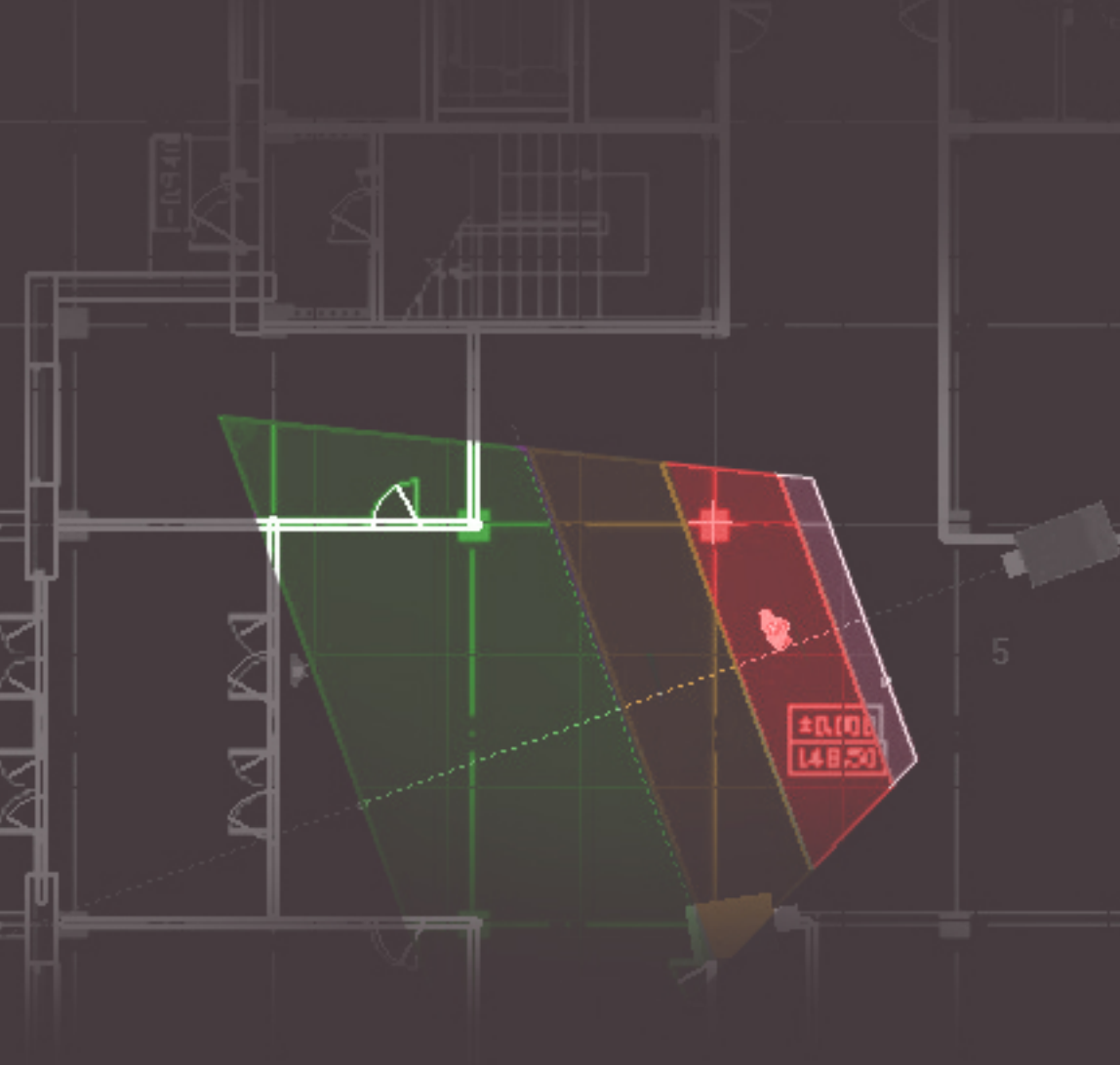
The CCTV industry is now adopting the use of Classifications as a guide when specifying what the CCTV camera must achieve in relation to object size and resolutions. The use of JVSG's software allows for a camera to be placed and adjust the parameters to achieve the required result with the software providing all relative information dynamically with the option to insert site plans and place objects within the cameras field of view.

This is especially useful as it allows this information to be presented as a simulated image with the required field of view for inclusion within specifications and commission documents.

This information is easily generated in a spreadsheet format that is used for system pre-assembly where we can set the lens parameters in a workshop environment and provides considerable time savings when installing the cameras and achieving its field of view.

It removes one's interpretation of what's required and allows VIS Security Solutions to 'Get it Right 1st Time' and therefore mitigate the need to return and adjust the cameras field of view whilst providing the efficiencies to allow VIS Security Solutions to consistently achieve its high standards with a successful record in delivering these systems within today's commercial constraints.

In the good old days where prior to using software and CAD one had to determine the % screen height to be achieved and the extent of the cameras field of view and calculate the required focal length which was required, then using CAD to create the field of view on a drawing to determine coverage and blind spots for each camera whilst determining the quantity required. Once this has been determined then the storage requirements needed to be estimated for each camera, image complexity and archiving period. This required considerable time and resources for large projects.



RESULTS WITH JVSG TOOL

The results provided were truly enlightening as it allowed VIS Security Solutions to present the end results with the simulated images and allowed for camera to be moved, changed adjusted and dynamically provide the simulated image for discussion.

When dealing with clients we can easily demonstrate the end results for the cameras and their locations showing the extend of the field of view and resolution depending on the parameters which are entered for each camera. Where clients are not familiar with the limitations of a camera and the assumption that one camera can do everything, this provides the opportunity for them to understand what is achievable before they procure their CCTV system.

In a lot of cases we can reduce the number of cameras being required by achieving a realistic view of the image which can be achieved.

Ultimately this removes any ambiguity prior to the project commencing and allows for the system to be handed over to the satisfaction of all stakeholders.

The use of JVSG has definitely been a unique selling point for VIS, and proving to be a major positive factor for clients when awarding projects.



The best testimonial is given in the words of the Technical Design Manager for VIS Security Solutions, Chris Campbell, whose unedited version of the statement is as follows:

I having worked in the CCTV industry +30years (when I 1st started in this industry, CCTV cameras required 2 coaxial cables and used tubes for sensors). As a certified CCTV Designer I have been involved in all aspects of CCTV from initial site survey, design, installation, service and Project Managing (PM).

My role within VIS Security is to interoperate our client's requirements whilst providing support to clients and our internal sales team to design, document and demonstrate to our clients what is being proposed in relation to their CCTV system.

IP Video System Design Tool inevitably allows VIS Security Solutions to demonstrate and provide a sense of realism as to what is achievable to those who do not understand the limitation of a CCTV Camera.

As the use of CCTV systems are no longer being used solely for Security Surveillance purposes there is now an ever-increasing requirement to use CCTV to monitor to assist with monitoring factory process, health and safety in the work place and as a device

which can generate data for use business intelligence etc. With the rapidly expanding use of Video Analysis in CCTV systems for the successful deployment of this technology it is essentially be able to accurately determine the cameras capabilities as this is essential in understanding the limitations associated with the various Video Analysis application in today's market. The CCTV industry in general has received a reputation for underachieving due to self-proclaimed experts who do not understand the limitations of a CCTV cameras and CCTV systems, **this product provides a cost effective tool to allow people with limited experience to better understand what is achievable in relation to camera placement and configuration.** The product has assisted our sales team in streamlining their approach to sales and has become an invaluable tool saving hours of work and costs to the company where we have purchased this product for all salespersons to avail of.

Chris Campbell – Technical Design Manager, VIS Security Solutions

