



## **Breakthrough Technology Allows 3D and HD to Meet Video Surveillance Head On at ASIS 2010**

*DVTel Pushes Technology to continually improve video monitoring perception*

**Ridgefield Park, NJ, October 12, 2010** — DVTel, Inc., a multiple award-winning market leader in Smart Security Solutions, announced today they will demonstrate their unique 3D camera technology at the ASIS show in Dallas in Booth #2851. DVTel's latest innovative 3D technology is based on its patent pending Adaptive Visualization Technology (AVT) which is also the power behind DVTel's award winning SceneTracker Video Stitching Solution. This advanced visualization technology is the latest addition to DVTel's set of Smart Security Solutions.

HD-3D can be deployed two ways – either embedded directly into a new generation of 3D cameras or used with existing Altitude IP Cameras. Either solution is easily installed and configured to produce full High Definition resolution and 3D imagery to be displayed in DVTel's Latitude NVMS enterprise video management system providing improved depth perception and situational awareness.

Until now 3D technology has been used primarily for its ability to enhance the viewing experience in blockbuster movies and virtual environments; however, this same technology also enhances the effectiveness of surveillance and analytics in many complex scene environments. 3D not only provides a more comprehensive and intuitive observation experience, it also adds the critical depth perception required to accurately relate people and objects within a scene. In traditional 2D views, objects that looked like a single object in the past can now be clearly identified based on the third dimension depth of view.

Using 2D visualization in a typical crowded scene such as an airport or train station, it is often very difficult to determine which piece of luggage is associated with each person or to quickly get the “feel” of the scene as would happen if you were actually there. Using 3D visualization technology permits a more intuitive observation experience that today is only available by physically being there. HD-3D takes this concept further providing not just a “virtual” 3D environment, but the actual experience of being there with better depth perception because of the stereoscopic separation. HD-3D camera sensors are not limited to just a few inches apart which limits the 3D perception of distant objects, we are developing imagers with wider spread and multiple imagers that can provide depth detail in large spaces.

“It took approximately 20 years for color video to go from the living room to the security industry,” says Ed Thompson, DVTel's CTO “Then years for the adoption of HD technologies to be available concurrently at home and in the security office. 3D represents the future for most video applications and DVTel's HD-3D represents a major breakthrough allowing practical and cost effective deployment of the technology through our dealer channels. Today B/W TV is obsolete and so will follow 2D visualization for

most applications within the foreseeable future and DVTel plans to lead in this exciting new technology.”

“The marriage of DVTel’s HD-3D, AVT and intelligent video analytics technology creates a solution to the most talked about roadblocks in analytics –configuration complexity and detection robustness. Using 3D, you can more accurately and automatically measure statistical information needed to define the analytic parameters like scene depth and perspective, which results in easier installation. Depth understanding enables analytics algorithms to handle occlusions between objects in video, which results in detection robustness giving users fewer false alarms and less missed detections.” says Igal Dvir, DVTel’s President of Products. “Ultimately, this will create a much safer environment because of the viewing depth and synergistic usability of DVTel products.”

Don’t miss seeing this exciting new technology in action at DVTel’s Booth #2851.

## **About DVTel**

DVTel develops, designs, and provides smart security solutions that help protect critical infrastructure -- in transportation hubs, city centers, nuclear and power facilities along with buildings and campuses of corporations, educational institutions and government facilities. We tie together leading edge IP-based cameras and encoders, with built-in analytics capabilities that detect and report security threats, creating a powerful security “edge”. Using our Intellectual Property for the design and integration capabilities, we manage these edge devices through our versatile and highly scalable Latitude video management system. DVTel's solutions address the security needs of single locations requiring as few as two to three cameras, as well as those with global operations and thousands of video channels spread throughout a continent or around the world. For more information, go to [www.dvtel.com](http://www.dvtel.com). To follow on Twitter – go to [twitter.com/DVTel\\_Inc](https://twitter.com/DVTel_Inc).

DVTel, Smart Security Solutions, ioimage, iSOC, Latitude, Longitude, Altitude, SceneTracker, CaseBuilder, Mentor, and NetTalk are registered trademarks of DVTel Inc. All other company names and products are trademarks or registered trademarks of their respective companies.

## **FOR MEDIA INQUIRIES PLEASE CONTACT:**

Kim Robbins  
DVTel, Inc.  
201.708.9820  
[krobbins@dvtel.com](mailto:krobbins@dvtel.com)