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DUOS TECHNOLOGIES RELEASES NEW GENERATION VIDEO ANALYTICS PLATFORM

New Release Results in Significant Accuracy Improvement, Reduction of False Alarms to 0.005% and Significantly Shortened Set-Up Time.

JACKSONVILLE, FL, March 26, 2009 – Duos Technologies, Inc. has announced the release of **praesidium version 6**, the company's newest video analytics suite. This newest version represents a breakthrough in video analytics architecture as it splits each scene into three separate layers and analyzes each layer independently. The process is called Differential Layer Analytics (DLA) technology and represents a new paradigm in analyzing motion. Utilizing this process, the video feed is classified into multiple spatio-temporal components. The DLA design allows independent feature and sensitivity settings and control of the various detection modules on each individual layer and within the same video field of view. Compared to its prior version, the system's new detection algorithms result in a substantially improved accuracy and a significant reduction of false alarms. These changes will be reflected across all the analytics modules, including detection of loitering, illegal parking, tailgating, etc.

The new release also includes features that shorten the initial set-up time of the analytics modules, which work 'right out of the box'. Accuracy will be improved through remote fine tuning. Also, the latest release provides default support for variable threat level based alarming for individual zones.

"Fine tuning of sensitivity settings for the various analytics modules, such as for example intrusion detection and objects left behind, is usually a complex balancing act. Our new architecture all but eliminates the problem by separating a scene into multiple layers allowing independent control of each module within the same scene" said Gianni Arcaini, CEO of Duos "Recent live tests have yielded unprecedented low false alarm rates even at locations with extreme environmental challenges."

Duos Technologies Inc., headquartered in Jacksonville, Florida, provides a broad range of sophisticated technology solutions with an emphasis on Homeland Security. Duos core systems are based on its proprietary object detection and behavioral analysis software, managed by the company's multi-layer control platform that allows seamless integration of a myriad of sensing technologies into a unified command and control interface. Duos Technology solutions play a meaningful role in the transportation industry with main focus on rail, and the petrochemical, healthcare, and critical infrastructure sectors.

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