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Aldis releases new version of GridSmart



Aldis has released the latest version of its 'GridSmart' system for video vehicle detection and traffic data collection. The new 3.2 version now uses three-dimensional (3D) object tracking technology, which is intended to go beyond traditional detection alternatives and enable greater functionality at a lower total cost of ownership. One of the most visible new features is the 'Replay' function, which allows users to record and playback image data complete with information on zone presence and signal state. Even in the replay mode, users are still able to take advantage of the virtual pan-tilt-zoom (PTZ) feature and other standard

facilities. The Replay feature is useful for traffic engineers wishing to review traffic patterns and driver behavior during certain times of day, special events or other incidents.

The optional GridSmart Data Module has new improved report templates, as well as a new Incident Report to provide statistics on illegal turning movements and red-light violations. This data provides valuable insight into how intersection safety may be improved through signage, modified signal timings, or enforcement. Also available in the Data Module is a Raw Data Export feature that allows information to be exported in an open format for use within another system for traffic simulation or modeling. The Data Module is now able to automatically export to USB from the system's Central Processing Unit (CPU), as well as perform automatic data-imports from USB within the Data Module.



To improve remote management capabilities of non-networked locations, a new "Publish to USB" feature allows users to make changes to the intersection configuration remotely and publish to a USB drive for later updating of the system's CPU. Other features include: self-diagnostics of both software and hardware; a visual phase information widget; and a self-verifying installer to insure the validity and compatibility of all system updates. Dr Jeff Price, director of software engineering for Aldis, noted, "This release validates everything that we believe in as a company. As we saw last week at Intertraffic in Amsterdam, GridSmart is a proven solution with worldwide appeal. It is truly changing customers' perceptions of video vehicle detection. When you pay attention to your customers and their needs; it shows."

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