

Automatic Incident Detection



MediaRoad

MediaRoad is a server-based video Automatic Incident Detection (AID) system for highways and bridges. It provides real time detection of incidents and accidents as well as traffic data.

MediaRoad provides fast, automatic real time incident detection with an alarm and on-screen display of incidents within seconds of an occurrence.

With **MediaRoad's** rapid detection of incidents, it is easier for Traffic Control Centers to track incidents in real time and anticipate congestion. Faster notification of accidents enables drivers to anticipate, adjust their speed and avoid secondary accidents. The risk of congestion is reduced, improving mobility on roadways.

MediaRoad helps maintain the level of availability of roads, enhancing Return on Investment and operations thus making it a perfect tool for toll roads and managed lanes (HOV, HOT, shoulder running).

INCIDENT DETECTION

- Stopped vehicle
- Congestion
- Pedestrian
- Wrong way
- Slow vehicle

TRAFFIC DATA

- Vehicle counting
- Classification
- Average speed
- Occupancy
- Levels of service



KEY BENEFITS

- Reduces intervention time and secondary car accidents
- Enhances Mobility by reducing incident-induced congestion
- Field proven technology (20 years)

Technical specifications

Analog video:	PAL/NTSC
Network video:	Compatible with any ONVIF Profile S stream Compatible with most RTSP streams Specific grabbers upon request
Hardware:	MediaRoad application can operate on Windows-operated computers MediaRoad application can operate on Virtual Machines
Citilog protocol:	MediaTCPServer/MediaXMLServer OPC, Modbus... Specific protocols upon request

MediaRoad is a state-of-the-art Incident Detection system that can be deployed on existing cameras

Incident and Video management

MediaManager, Citilog's Video & Incident Management system is an intuitive and efficient tool to manage incidents and associated video recordings.

Hazardous material detection, Licence plate recognition, overheight detection systems can natively be integrated into MediaManager.



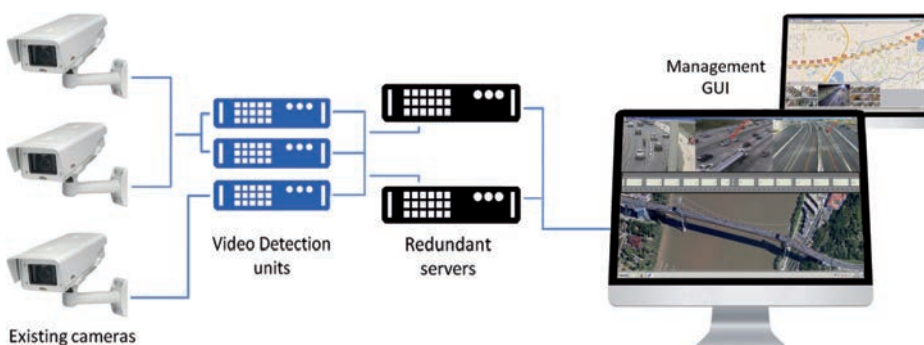
APPLICATIONS

- Tollway safety & mobility
- Managed lanes (HOV - HOT)
- Shoulder (emergency lane) running
- Video Management & Recording
- Accident analysis

Architecture

The MediaRoad application can operate on standard server or virtual machines.

The architecture is available with full-redundancy or hot-standby redundancy possible at all levels.



Check Automatic Incident Detection in action



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