



Overview

AssetWorks bridges the gap between our FleetFocus™ software and Zonar System's Electronic Vehicle Inspection report, or EVIR®. This seamless integration not only streamlines maintenance processes but increases safety and accountability for your fleet.

Key Features:

- Data gathered by the Zonar handheld device (such as odometer readings, the asset ID and the operator's ID) is automatically uploaded to the FleetFocus™ database
- Vehicle defects and failed inspections instantly generate service requests in FleetFocus™
- FleetFocus™ service requests are grouped into work orders, which are assigned to technicians for completion
- Completed service requests are automatically forwarded to Zonar's Ground Traffic Control™ software to ensure regulatory compliance
- Immediate notifications to maintenance of defect status, with no need for double-entry
- Reduction in vehicle down-time
- Elimination of inefficient and inaccurate paper methods

FleetFocus™ Integration with Zonar EVIR®

By integrating the Zonar Systems Electronic Vehicle Inspection Report system or EVIR® into FleetFocus™ and our full suite of Enterprise Asset Management (EAM) software solutions, AssetWorks is able to offer the convenience and piece-of-mind that comes with verified pre- and post-trip vehicle inspections.

Using Zonar's 2010 handheld reader, drivers conduct their mandatory pre- and post-trip inspections, placing the reader within a few inches of each tag and indicating the zone's condition. When defective components are discovered, the driver selects the defect description and indicates whether or not the vehicle is safe to operate. The operator then places the hand-held in a cradle where its data is instantly uploaded to a secure database through cellular transmission.

With AssetWorks' real-time integration to FleetFocus™, all defects identified from the Zonar handheld device are automatically added to the maintenance database as Service Requests. When the vehicle returns to the yard, mechanics have already been alerted to the necessary repairs, dramatically reducing vehicle down-time.

As repairs are performed and marked complete in FleetFocus™, they are automatically uploaded to Zonar's Ground Traffic Control™ data management application indicating that the vehicle is in full compliance for operation.



AssetWorks uses its MAXQueue middleware technology to integrate communications between FleetFocus™ and Zonar EVIR®. The integration connector may be configured to look for new data on a customer-determined schedule to perform the following actions:

- **Pull all asset meter readings (odometer, hubometer, hour meter, etc.) from Zonar and post into AssetWorks FleetFocus;**

Valid and timely meter updates are crucial for effective preventive maintenance planning inside the FleetFocus EAM.

- **Pull all newly-indicated defects from Zonar and post into AssetWorks FleetFocus as new Service Requests;**

If the defect has already been reported but has not yet been resolved, it is added to the existing FleetFocus service request as an additional occurrence and not added as a new service request.

- **Find all service requests that have been resolved (placed on a work order and marked as complete) in FleetFocus and mark the related defects in the Zonar database as complete.**

The cycle of report – alert – schedule – resolve – document is complete, with zero re-keying of data between systems.



About Zonar EVIR®

Zonar EVIR® is a patented visual inspection system that verifies the inspector is in physical proximity to the area of the vehicle being inspected. Radio-frequency identification (RFID) tags are placed on the vehicle in critical inspection “zones”; on a handheld device, the inspector is guided step-by-step through the customer-defined inspection checklist. The inspector can only mark a checklist item as complete if the device can sense that it is in the appropriate “zone”. Defects are reported using a menu of predetermined, validated choices, ensuring that the data being collected is accurate, descriptive, and reportable. When the inspection is complete, data is transmitted to a secure database by the inspector placing the handheld device in a vehicle-based mount. All defects are tracked in the EVIR® database through resolution, making DOT and local authority audits and reports a simple and streamlined process.

More Information

If you are interested in learning more about how the AssetWorks integration to Zonar EVIR® can help your organization close the gap between defect discovery and resolution, contact your AssetWorks representative.

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