



SCALAR EVO Cast Telematics Solution

Helps maximize the uptime of your trailers.



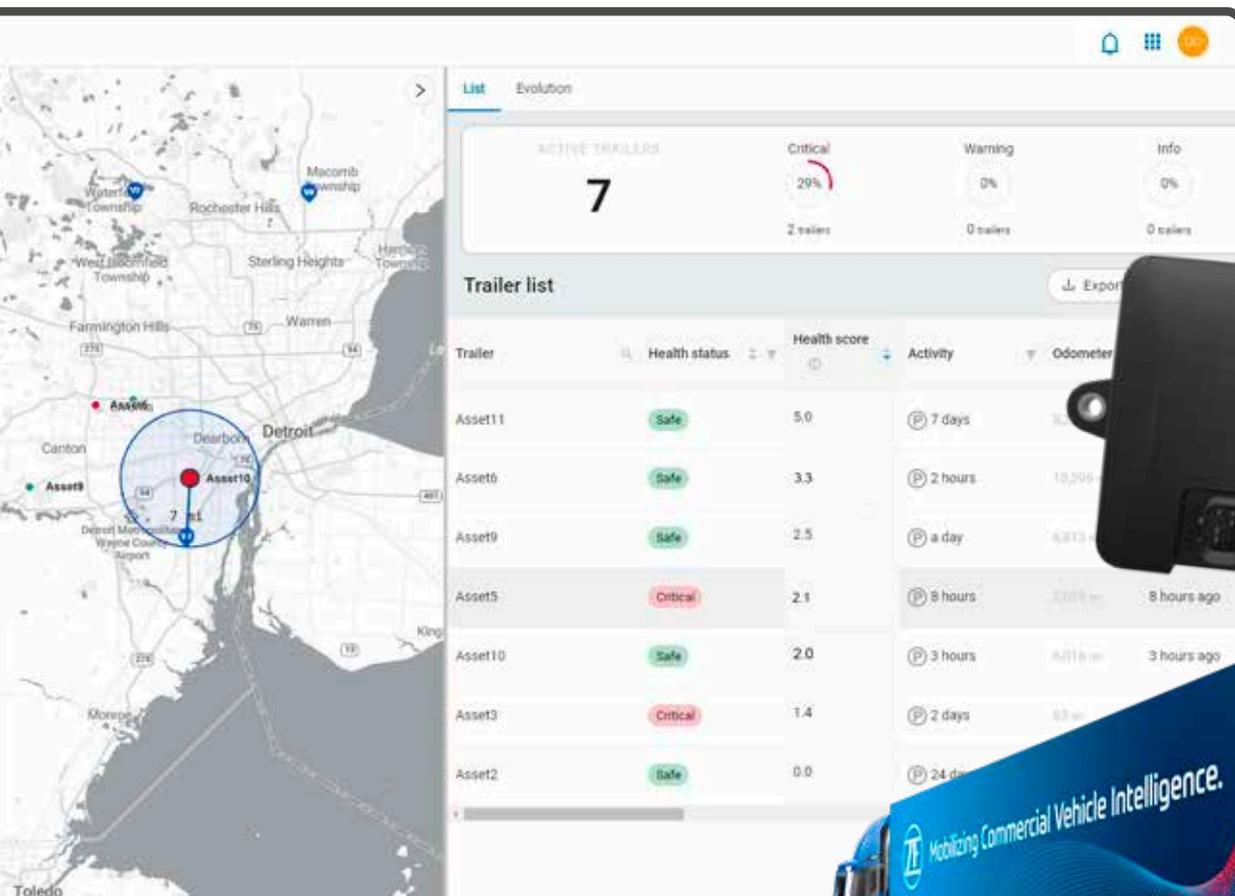
What is SCALAR EVO Cast?

Improve your trailer uptime and monitor performance anywhere, anytime.

SCALAR EVO Cast, previously known as TrailerCast, is ZF's trailer telematics device that captures and sends data from the trailer anti-lock braking system (ABS) and additional trailer sensors to SCALAR, ZF's cloud-based connectivity platform. SCALAR is designed to track and trace, as well as provide rich insights on the technical performance, wheel-end condition, and overall

health of your trailers. SCALAR EVO Cast is designed to send trailer data even when the trailer is disconnected from the truck, providing regular status updates while the trailer is parked. Additionally, it also serves as a gateway for our OptiTire™ tire pressure and temperature monitoring system (TPMS) eliminating the need for a separate TPMS receiver.

SCALAR, ZF's cloud-based connectivity platform



SCALAR EVO Cast, ZF's trailer telematics device



Help maximize trailer uptime

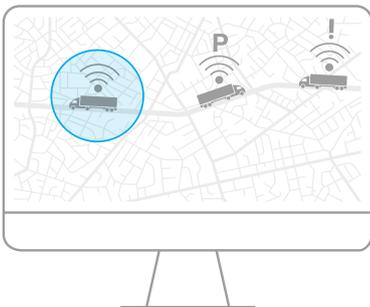
- **Manage operations:** Use real-time visibility for track and tracing and efficient logistics planning.
- **Improve trailer use:** Harness trailer ABS information to enhance load monitoring, boost operational efficiency and enable tailored driver training.
- **Increase uptime:** Embrace proactive maintenance by detecting faults early on, planning diagnostics sessions and arranging service and repairs before problems bog down your vehicles.
- **Advance tire management and fuel economy:** Monitor tire pressure and temperature to help extend tire life and help detect the risk of heat-related wheel-end issues. Designed to increase safety on the road and improve fuel economy.
- **Asset visibility:** Stay connected with your trailers during dwell times, for intermodal transport or any situation where the trailer is uncoupled.

Provides continuous trailer data

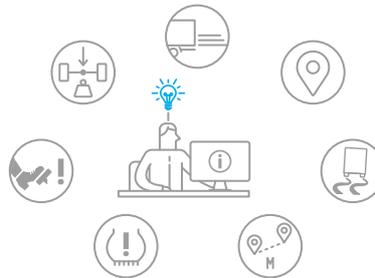
- Trailer GPS position and status, GeoFence warnings, and historical routes.
- Trailer ABS health monitoring.
- Gateway to tire pressure and temperature monitoring data.
- Trailer ID card, health passport, and event-based ODR-based dashboard in the SCALAR platform.

Trailer data in the SCALAR platform

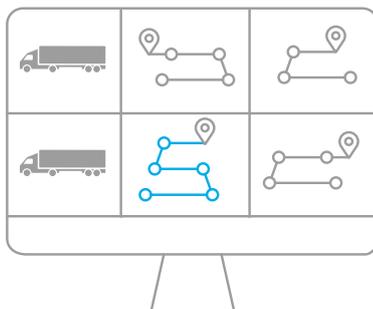
Position, status and geofencing



Trailer ABS monitoring



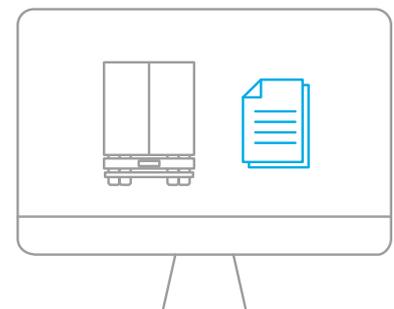
Direct tire pressure monitoring



Historical routes



Trailer health



Trailer ID card

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