

TRACK VIEW



CAB VIEW



KNUCKLE VIEW



CONTINUOUS VISIBILITY

Maintain continuous visibility across critical onboard and external locomotive views.



FLEXIBLE & SCALABLE

Custom camera layouts for any locomotive type.



WAVESTORE POWERED

Custom camera layouts for any locomotive type.



BUILT FOR RAIL

Engineered for the harshest environments across North America.

BUILT ON EXPERIENCE. FOCUSED ON EXCELLENCE.

ImpactEye brings together proven hardware and a powerful video platform into a single, cohesive system. Designed for rail, it delivers dependable performance, clear visibility, and the confidence that every event is captured and accessible.



REAL-TIME VISIBILITY. ENGINEERED FOR RAIL.

ImpactEye is an onboard event capture platform engineered to deliver continuous operational visibility, synchronized event recording, and dependable access to critical onboard footage.



IMPACTEYE

SEE IT. RECORD IT. PROTECT IT.

A Product of Shel-Bar Electronic Industries



+1 (800) 493-1339
www.shel-bar.com
infousa@shel-bar.com



CREW
ACCOUNTABILITY



INCIDENT
REVIEW



YARD
VISIBILITY



MECHANICAL
OBSERVATION



SAFETY &
COMPLIANCE

Product of



Powered By



THE POWER OF WAVESTORE

Integrated directly into ImpactEye, Wavestore provides the backbone for video capture, storage, and management. Its stability and efficiency ensure critical events are securely recorded, indexed, and ready for rapid review when needed most.

DATE: 05/08/2025
TIME: 14:32:18
SPEED: 18 MPH



INTUITIVE PLAYBACK & SEARCH

Quickly locate and review critical events with a streamlined, user-friendly interface



RELIABLE RECORDING

Built for continuous operation in demanding rail environments



EFFICIENT DATA MANAGEMENT

Optimized storage and retrieval for fast, dependable access when it matters most

LOCATION: DENVER, CO



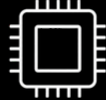
A COMPLETE ONBOARD VISIBILITY SOLUTION.

ImpactEye is a fully integrated onboard event capture system that delivers real-time visibility inside and outside the cab. Recording, synchronizing, storing, and managing critical operational events as they occur.



CAPTURE

High-definition video from inside and outside the cab.



PROCESS

Onboard system correlates & synchronizes video and operational event data



STORE

Secure, reliable storage for video events and metadata.



MANAGE

Powerful onboard VMS for review, search, and export.

1 operator. Multiple Trains. Total Awareness.

Extending visibility beyond the cab — One Operator, Multiple Trains.



ENHANCED SAFETY

Continuous communication and real-time visibility.



OPERATIONAL EFFICIENCY

Extends operational visibility beyond the locomotive cab to support centralized monitoring and review.



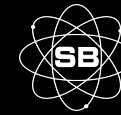
REDUCED COSTS

Fewer in-cab positions, lower labor and training costs.



BUILT FOR THE FUTURE

Scalable, reliable, and designed for modern rail operations.



SHEL-BAR
ELECTRONIC INDUSTRIES

WHERE ENGINEERING MEETS OPERATION.



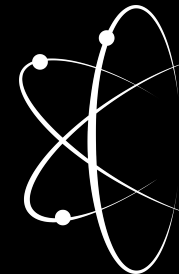
Shel-Bar has built its reputation in the rail industry by delivering reliable, real-world solutions – from rail yard surveillance to large-scale operational systems.



That same expertise now extends onboard the locomotive.



Working alongside trusted technology partners like Wavestore, Shel-Bar has developed a robust, integrated video monitoring system designed specifically for the demands of rail operations.



At Shel-Bar, every project is approached with the same standard: the right solution, installed the right way, no shortcuts. We combine industry-leading technology with decades of hands on experience to deliver reliable, scalable, operationally-focused onboard event capture systems built for the realities of rail.