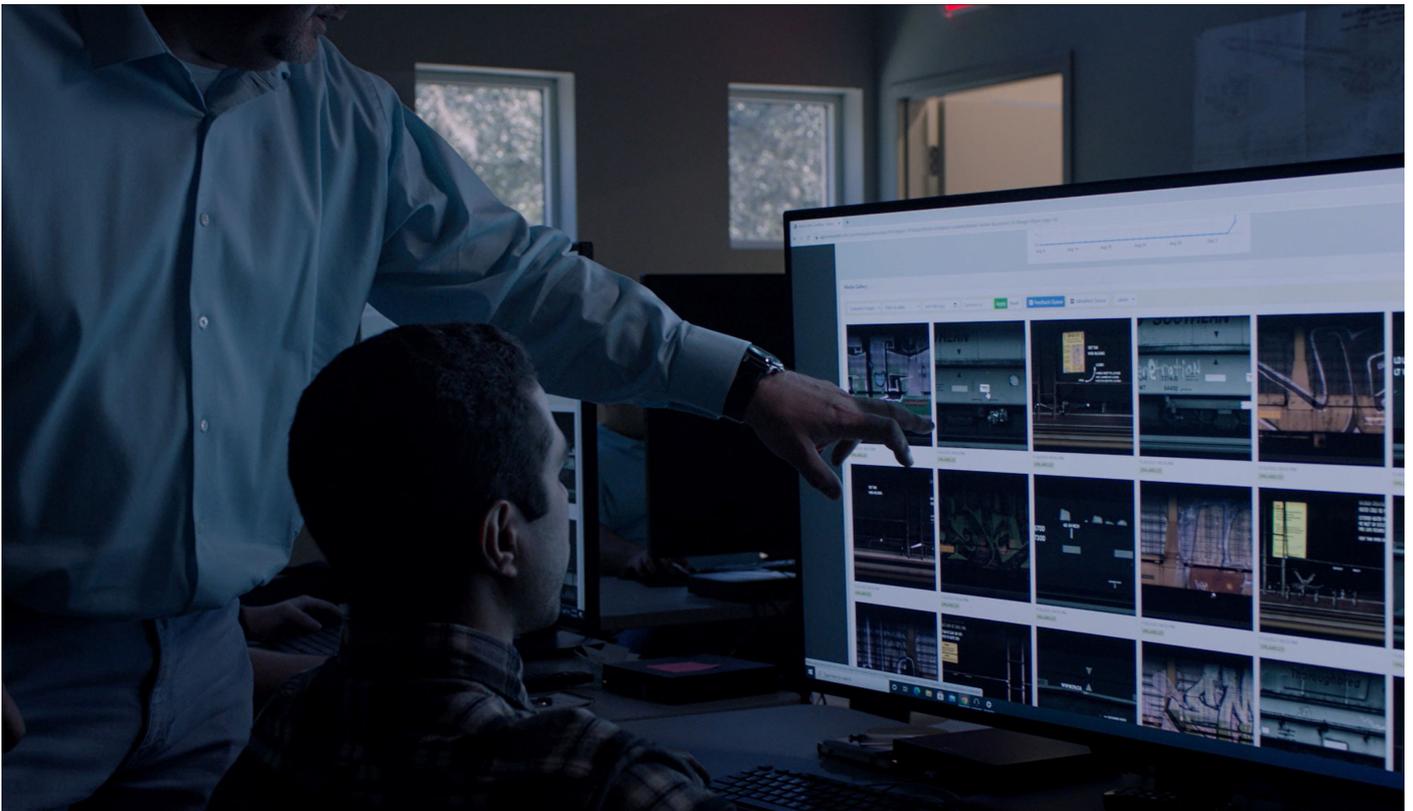


Duos Technologies

New RIP® Subscription Service Extends Rail Safety and Efficiency Beyond the Tracks



Our patented **Railcar Inspection Portal (RIP®)** has been a cornerstone of safety and efficiency for Class 1 freight and passenger railroads for well over a decade.

Operating at track-speeds (up to 125mph), the RIP® acquires high-resolution images in a combined 360-degree view of each railcar. They are instantly available for review by system operators, including qualified railcar inspectors through our CENTRACO® UX. Just as quickly, an impressive collection of over 50 advanced artificial intelligence machine learning (AI/ML) models work to automatically detect critical

anomalies and mechanical defects and help to call attention to problem areas – ultimately helping prevent catastrophic situations.

CENTRACO®, the RIP's intuitive user experience, provides an easy and thorough way to review every railcar in the consist, quickly and efficiently highlighting what's important. Advanced inspection capabilities within the interface enable users of the system to assess close-up views of the railcar's parts and offer perspectives that can only otherwise be achieved by crawling under the railcar which can lead to dangerous situations for the inspector doing the work.

The RIP® has revolutionised how railroads maintain safety standards while improving operational efficiency by providing advanced remote visualization capabilities combined with automated analysis using state-of-the-art artificial intelligence.

Now, we're excited to announce the launch of the RIP® Subscription Service. Initially available in the US, it is a groundbreaking offering that extends the value of this powerful technology beyond the tracks themselves.

Unlocking Data for a Broader Railroad Ecosystem

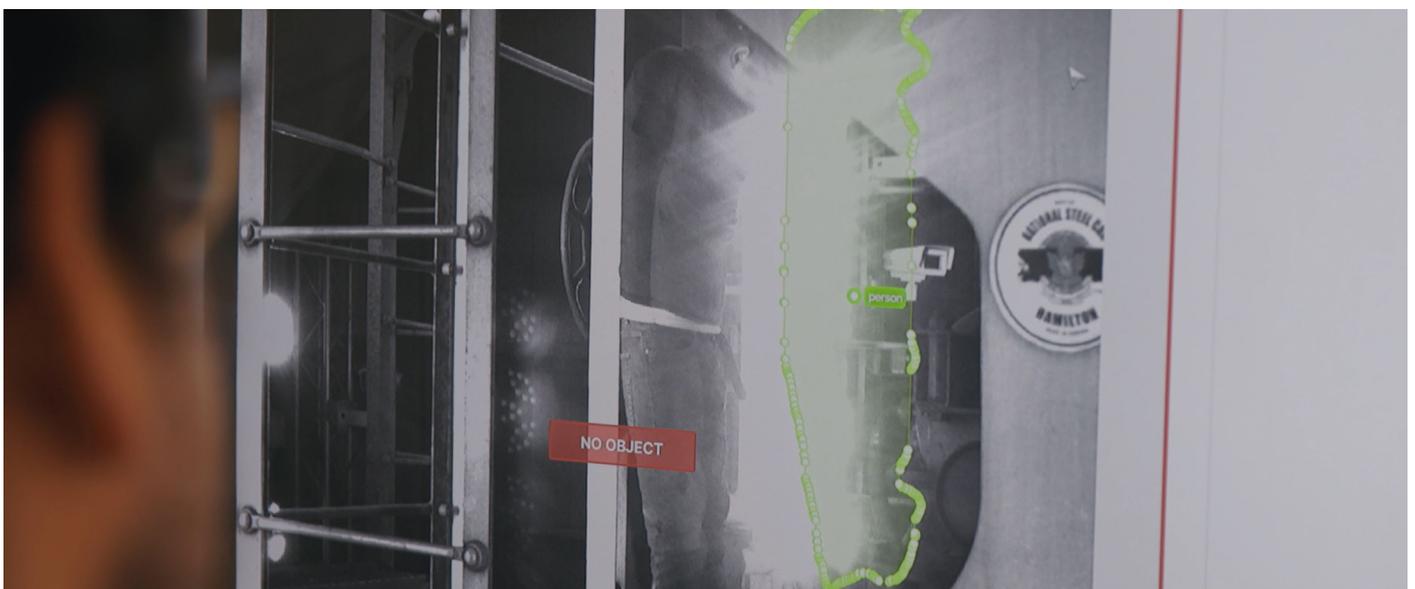
The RIP® Subscription Service leverages the existing infrastructure of our RIP® systems already deployed on North American Class 1 customer railroads. This innovative Software-as-a-Service (SaaS) offering goes well beyond simply utilising the hardware – it unlocks the wealth of safety and mechanical condition data it generates and provides it to consumers who have never before been able to access this data.

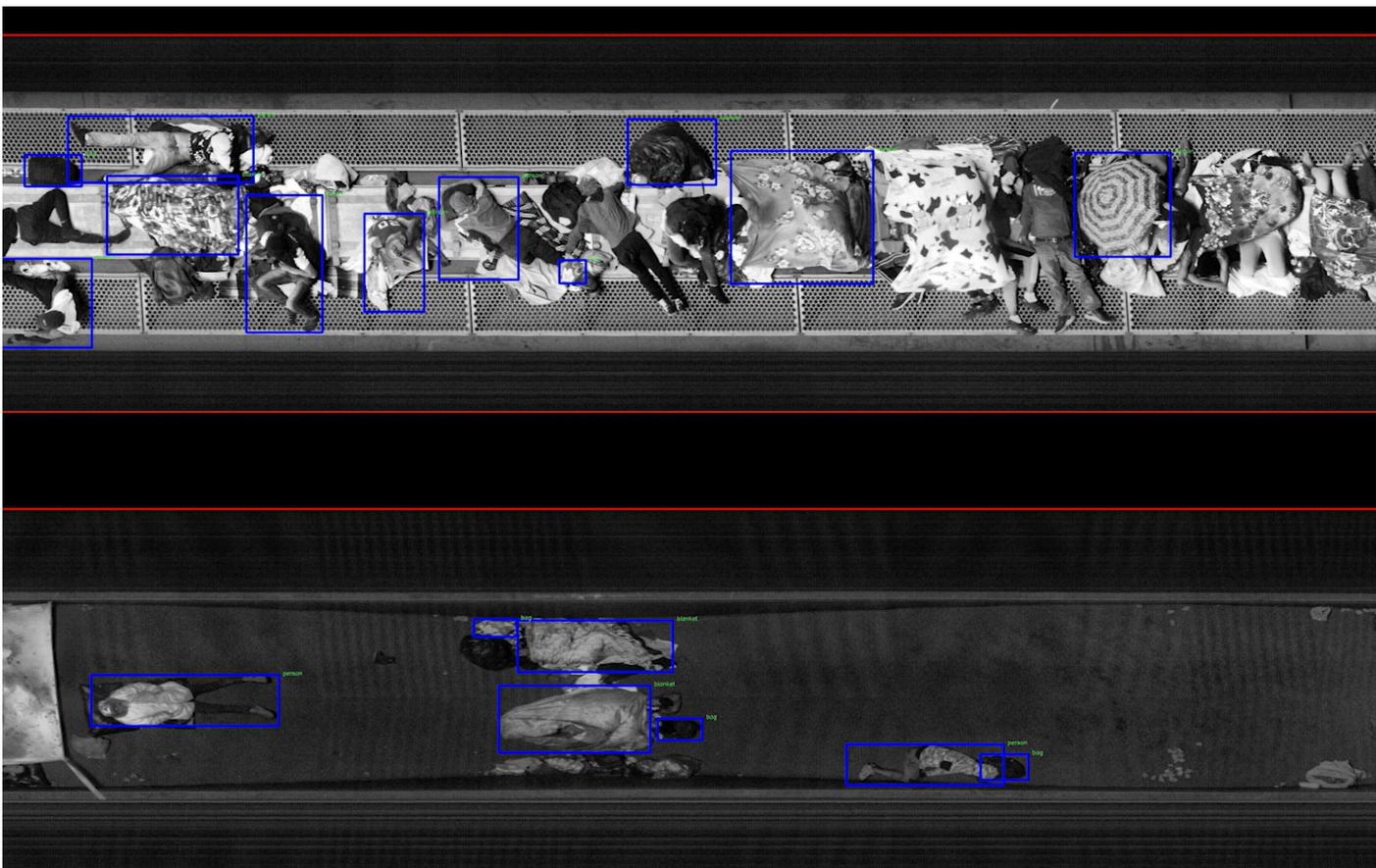
This data is invaluable to a wide range of stakeholders in the rail industry. Railcar owners and operators can gain real-time insights into the health of their fleets, allowing for proactive maintenance and reduced downtime. Shippers can track the condition of their cargo and condition of their fleet throughout its journey, ensuring safe and timely delivery. Railcar manufacturers can identify potential design flaws or recurring issues through in-field data, improving future models.



The Subscription Model: Flexibility and Affordability

The RIP® Subscription Service offers a flexible and cost-effective solution for these entities. By subscribing, they gain access to the critical data generated by the RIP® system without the significant upfront investment in the hardware itself. The affordable subscription offering is 'software only'. There's no need to purchase, install or maintain additional equipment.





Although affordable, this powerful subscription model offers:

- Scalability: Scale data access to meet specific needs, from a single car to an entire fleet
- Real-time visibility: Gain immediate insights into car conditions, facilitating faster decision-making
- Reduced costs: Address needed repairs early, before problem(s) become more extensive and expensive to remediate

A Collaborative Approach to Rail Safety

The RIP® Subscription Service fosters a more collaborative environment within the rail industry. By sharing vital data across the ecosystem, stakeholders can all work together to:

- Enhance overall rail safety by proactively addressing potential issues before they escalate
- Optimise rail operations through data-driven maintenance and repair strategies
- Improve equipment lifespans by identifying and addressing wear and tear early on

The launch of the RIP® Subscription Service marks a significant step forward in leveraging the power of data to transform rail safety and efficiency. By extending the reach of our RIP® technology, we are empowering a much broader and more significant range of industry players to work collaboratively to make informed decisions, ultimately building a safer, more efficient rail network for everyone involved – Class 1s, shippers, OEMs, governmental entities and more.

www.duostech.com



duostech