

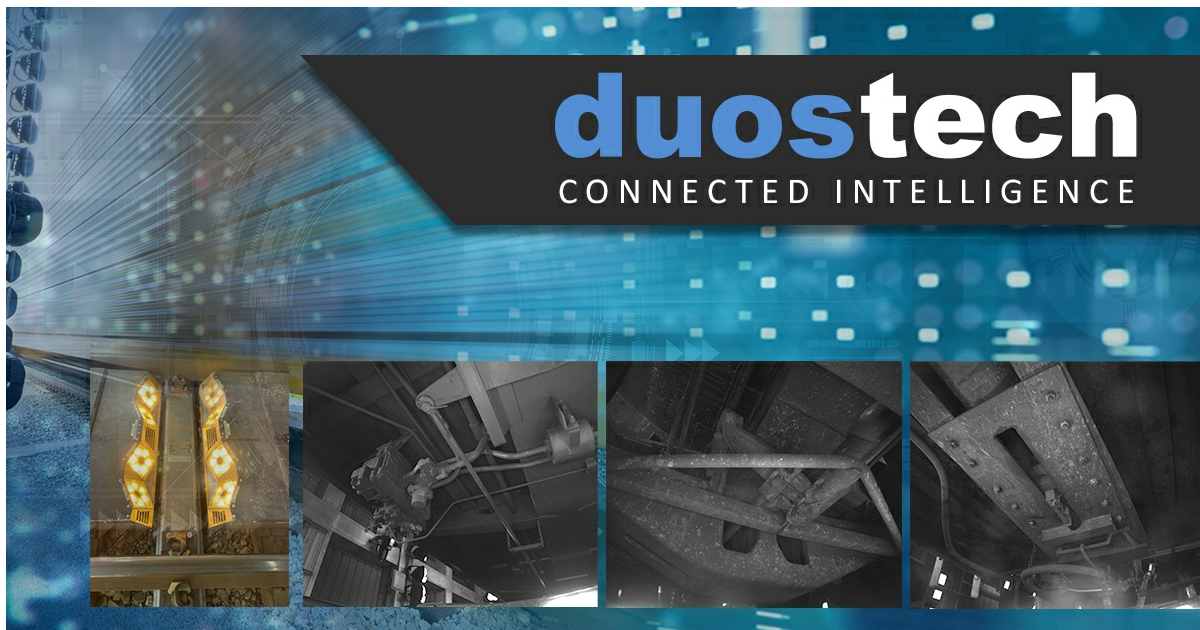
January 14, 2025



Duos Technologies Secures Another Patent for Railcar Technology

Duos Continues to Lead in Railcar Inspection Innovation with Its obliquevue® System used for advanced undercarriage visualization for AI analytics

JACKSONVILLE, Fla., Jan. 14, 2025 (GLOBE NEWSWIRE) -- [Duos Technologies Group, Inc.](#) ("Duos" or the "Company") (Nasdaq: DUOT) through its operating subsidiary Duos Technologies, Inc. a provider of Machine Vision and Artificial Intelligence ("AI") to analyze fast moving freight, passenger and transit trains, a leader in railcar inspection technologies, has been granted a new patent by the U.S. Patent and Trademark Office for its [obliquevue® Oblique Vehicle Undercarriage Examiner](#). Titled "[Device to capture high resolution images of the undercarriage of a freight car](#)", this patent confirms Duos' methodology and the supporting technology as the standard for wayside detection, transforming and providing safety for the railcar inspection processes through innovative state-of-the-art engineering and AI.



In 2024 alone, Duos' patented imaging systems scanned almost 10 million railcar images, showcasing the widespread adoption of its innovative solutions. The obliquevue® technology adds a critical dimension to Duos' [Railcar Inspection Portal \(RIP®\)](#), already recognized as an industry standard for real-time railcar analysis.

"This patent solidifies Duos' position as an intellectual property leader in the rail industry," said Chuck Ferry, CEO of Duos. "With obliquevue®, we deliver unparalleled accuracy and efficiency, allowing operators to identify and address safety concerns in real time, ensuring the reliability of rail networks globally."

The newly patented technology utilizes advanced imaging techniques and offers oblique perspectives to enhance detection of anomalies that traditional systems might overlook. The system integrates seamlessly with Duos' RIP® and [CENTRACO®](#) platform, leveraging cutting-edge AI and sophisticated imaging sensors to meet stringent safety standards, including those set by the Association of American Railroads (AAR) and the Federal Railroad Administration (FRA).

As Duos expands its capabilities, including edge data processing and subscription-based services for customized rail data, the company continues to innovate within the rail sector and beyond. This new patent adds to its growing portfolio, which includes now 11 granted patents and 6 pending applications, further cementing its leadership in automated railcar inspection solutions.

To stay up to date on the Company's most recent developments or to learn more about the Duos story and its revolutionary technology platforms, be sure to follow [here](#) or sign up for email alerts [here](#). For more information please contact DUOT@duostech.com or visit the Company's website and social media channels: [Website](#), [LinkedIn](#), [Twitter](#).

About Duos Technologies Group, Inc.

Duos Technologies Group, Inc. (Nasdaq: DUOT), based in Jacksonville, Florida, through its wholly owned subsidiaries, Duos Technologies, Inc., Duos Edge AI, Inc., and Duos Energy Corporation, designs, develops, deploys and operates intelligent technology solutions for Machine Vision and Artificial Intelligence ("AI") applications including real-time analysis of fast-moving vehicles, Edge Data Centers and power consulting. For more information, visit www.duostech.com, www.duosedge.ai and www.duosenergycorp.com.

Forward- Looking Statements

This news release includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, regarding, among other things our plans, strategies and prospects -- both business and financial. Although we believe that our plans, intentions and expectations reflected in or suggested by these forward-looking statements are reasonable, we cannot assure you that we will achieve or realize these plans, intentions or expectations. Forward-looking statements are inherently subject to risks, uncertainties and assumptions. Many of the forward-looking statements contained in this news release may be identified by the use of forward-looking words such as "believe," "expect," "anticipate," "should," "planned," "will," "may," "intend," "estimated," and "potential," among others. Important factors that could cause actual results to differ materially from the forward-looking statements we make in this news release include market conditions and those set forth in reports or documents that we file from time to time with the United States Securities and Exchange Commission. We do not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in our expectations or any change in events, conditions or circumstances on which any such statement is based, except as required by law. All forward-looking statements attributable to Duos Technologies Group, Inc. or a person acting on its behalf are expressly qualified in their entirety by this cautionary language.

A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/347bf557-b6d2-4cdb-8a2f->

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Contacts

Corporate
Fei Kwong, Director,
Corporate Communications
Duos Technologies Group, Inc. (Nasdaq: DUOT)
904-652-1625
fk@duostech.com

duostech

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