



PRESS RELEASE

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NIRA Dynamics Advances Data-Based Tire Monitoring Solutions with global partner

NIRA Dynamics, a leading provider of tire and road surface monitoring software solutions, continues to push the boundaries of tire health monitoring with its cutting-edge, data-based solutions. By integrating advanced software algorithms into vehicle systems provided by BOSCH, NIRA Dynamics is enhancing driving safety and efficiency for the global automotive industry.

Tires play a critical role in road safety, and issues such as gradual tire pressure loss or loose wheels can lead to potentially hazardous situations. NIRA Dynamics is addressing these challenges through its innovative software solutions, which provide real-time insights into tire health without the need for additional hardware.

Innovating Tire Health monitoring

NIRA's expertise in software-driven solutions has been pivotal in the development of algorithms continuously monitors tire and wheel conditions, offering drivers early and intuitive warnings about potential risks. Key features include:

- Tire Pressure Indicator UX: Gradual Pressure Loss Detection - Early alerts for even minor deviations from optimal tire pressure, enabling proactive maintenance and preventing further damage.
- Loose Wheel Indicator: Identification of loose wheel bolts with precision down to half a millimeter, ensuring timely intervention and enhanced safety.

These innovations align with NIRA's vision of replacing hardware-centric solutions with intelligent software, improving cyber-security, and reducing complexity, cost, and environmental impact.

NIRA Dynamics has been collaborating with Bosch, a global leader in automotive technology, to develop and integrate its tire monitoring software into their Vehicle Motion Management ecosystem.

"Our long collaboration has been instrumental in bringing our innovative tire monitoring solutions to a wider market," says Lisa Åbom, CEO of NIRA Dynamics. "By integrating our software into their ecosystem, we are able to provide automotive manufacturers with a seamless, cost-effective solution for enhancing vehicle safety."

Shaping the future of tire monitoring

As the automotive industry continues to evolve, NIRA Dynamics remains at the forefront of tire monitoring technology. By leveraging data and advanced algorithms, the company is setting a new standard for intelligent tire monitoring systems that enhance performance and reliability across global markets.

With a focus on continuous innovation and strong partnerships with automotive industry leaders, NIRA Dynamics is committed to developing advanced solutions that meet the evolving needs of the automotive industry, ultimately contributing to safer and more efficient driving experiences for people worldwide.

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