

# ProAce and Star Navigation Systems Launch ProAce Star India, Revolutionizing Aviation and Railway Safety in India

*The joint venture aims to transform India's aviation and railway sectors by enhancing safety and operational efficiency through state-of-the-art technology.*

NEW DELHI, DELHI, INDIA, December 5, 2024 /EINPresswire.com/ -- [ProAce Business Solutions](https://www.proacebusiness.com) Inc. and [Star Navigation](https://www.star-navigation.com) Systems Group Ltd. have announced the launch of ProAce Star India Private Limited. This joint venture aims to transform India's aviation and railway sectors by enhancing safety and operational efficiency through state-of-the-art technology.

The initiative introduces the In-Flight Safety Monitoring System (ISMS), featuring a proprietary Identical Twin System and real-time monitoring capabilities, seamlessly integrated with Artificial Intelligence (AI) and Augmented Reality (AR). These advancements are tailored to meet the unique demands of the Indian aviation market while aligning with the country's "Make in India" initiative.

Star Navigation, a global leader in real-time monitoring technology, has revolutionized aviation with its innovative systems. Their patented technology relays data seamlessly from aircraft to satellite and then to customer ground stations, powered by an advanced graphical user interface integrating AI and AR. Dubbed the "identical twin" by Star, the system provides unprecedented real-time analytics and insights.



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ProAce Business Solutions Inc., renowned for its success in introducing high-impact technologies to global markets, brings its strategic expertise to help Star Navigation penetrate the Indian market. Together, the two companies have joined forces under ProAce Star India to implement these advanced solutions, enhancing aviation safety and efficiency across the country.

ProAce Star India is set to deliver transformative benefits across the aviation sector:

- **Increased Profits:** Airlines can enhance profitability by leveraging ISMS to optimize operational costs, maximize fleet utilization, and improve overall efficiency.
- **Reduced Downtime:** Real-time monitoring and predictive analytics reduce aircraft downtime by enabling proactive maintenance, keeping planes in service longer, and minimizing delays.
- **Fuel Efficiency:** AI-driven insights optimize flight paths and operations, achieving significant savings in fuel consumption.
- **Maintenance Efficiency:** Advanced predictive maintenance systems reduce repair costs and increase efficiency for maintenance teams, ensuring precise and timely interventions.
- **Improved Pilot Performance:** AR tools provide pilots with enhanced situational awareness and real-time data for better decision-making.
- **Never Lose a Plane:** The Identical Twinning System ensures continuous aircraft tracking, eliminating the possibility of losing a plane during operations.

India's rapidly expanding aviation industry faces unique challenges, including increasing passenger volumes, expanding airline fleets, and increasingly complex airspace management. Advanced, scalable technology solutions are essential to meet these demands. ProAce Star aims to bridge this gap, introducing tailored solutions that enhance safety and cost efficiency in the sector.

"India's aviation sector is at a pivotal moment, and the market is ready to embrace innovative solutions that address these challenges," said Suresh Sharma, President of ProAce Business Solutions Inc. "With over \$80 million USD invested in research, development, and patented technology, we are committed to making India a global leader in aviation."

In addition to aviation, ProAce Star India is extending its technological prowess to revolutionize railway navigation and address critical issues such as fog-related delays and train punctuality.

ProAce Star India also aims to enhance railway navigation through real-time monitoring and predictive maintenance. ProAce Star India's bidirectional automatic signaling and AI-powered anomaly detection can significantly improve operational safety and efficiency. To combat the challenges posed by dense fog, ProAce offers Indian Railways has implemented several measures, including the use of GPS-enabled fog safety devices and reliable Fog Safe devices in locomotives. These technologies enhance visibility and allow trains to operate safely at higher speeds during foggy conditions. Addressing train delays, ProAce Star India supports the deployment of advanced signaling systems and the train protection system. These technologies help prevent collisions and ensure smoother, more reliable train operations.

"ProAce Star India is committed to making Indian skies and railways safer and more efficient. We invite industry leaders, government agencies, and transportation companies to partner with us in this mission," said Gurjot Singh Grewal, CEO, ProAce Business Solutions.

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