



Airports Authority of India Launches Digital Platform for Airport Infrastructure Project Monitoring and Airport Directory Dashboard

New Delhi, 10th March 2026: The Hon'ble Union Minister of Civil Aviation, Shri Kinjarapu Rammohan Naidu, today launched an Integrated Digital Monitoring Platform developed by the Airports Authority of India (AAI) to strengthen real-time monitoring, transparency, and data-driven decision making across India's rapidly expanding aviation ecosystem.

The platform integrates two complementary digital modules—BIM based Project Monitoring System (BPMS) for infrastructure development and the Online Airport Directory Dashboard (Digital Cockpit) for operational analytics—creating a unified digital ecosystem for comprehensive monitoring of airport infrastructure and operational performance across the country.

At the core of the platform is the BIM based Project Monitoring System (BPMS), a state-of-the-art module built on Building Information Modelling (BIM) and supported by AI-enabled data analytics. BPMS provides a unified and real-time view of airport development and modernization projects undertaken by AAI. The system consolidates project data from planning through execution into a single digital interface, enabling seamless coordination among multiple stakeholders involved in large-scale infrastructure projects.

With airport expansion and modernization works being undertaken across diverse geographical locations and involving complex technical and contractual frameworks, BPMS enables real-time monitoring of both physical and financial progress through interactive dashboards, analytical charts, automated reporting tools, and alert mechanisms. The platform empowers senior leadership to track project milestones, identify potential bottlenecks, and facilitate timely decision making. By integrating project information within a single platform, BPMS will serve as the single source of truth for monitoring AAI's infrastructure projects, ensuring greater transparency, efficiency, and accountability in project governance.

Complementing the infrastructure monitoring capabilities, the platform also incorporates an advanced Operational Intelligence Dashboard through the Online Airport Directory module. This feature provides a comprehensive real-time overview of airport operations across India through an interactive national map with airport connectivity visualization and single-page airport profiles. The system supports live flight tracking with integrated overlays for arrivals, departures, and weather conditions. The operational analytics module offers insights into daily Aircraft Movements (ACM), Passenger (PAX) traffic—both domestic and international—airport-wise performance

indicators, and On-Time Performance (OTP). It also provides advanced analytics on airline and route performance, traffic trends, aircraft type distribution, seasonal demand patterns, and operational delay logs. A dedicated mobile application further enables leadership to access critical operational insights anytime and anywhere, strengthening coordination among stakeholders and enabling quicker response to emerging operational challenges.

Speaking on the occasion, the Hon'ble Minister highlighted that the integrated platform represents a significant step in leveraging digital technologies to support the rapid growth of India's aviation sector. By bringing together infrastructure monitoring and operational analytics within a unified digital framework, the platform will enable more effective oversight, informed decision making, and improved efficiency across the aviation ecosystem.

The formal launch of the portal and mobile App of the Integrated Digital Monitoring Platform was done by Shri Kinjarapu Rammohan Naidu, Hon'ble Union Minister of Civil Aviation in the presence of Shri Samir Kumar Sinha, Secretary, Ministry of Civil Aviation, Shri Vipin Kumar, Chairman, Airports Authority of India and other senior dignitaries at Bharat Mandapam, New Delhi on 10th March 2026.

This strategic initiative marks a defining moment in India's nation-building journey and reinforces the country's commitment to world-class aviation infrastructure in the alignment with the nation's vision of Viksit Bharat 2047 and reinforcing India's role in shaping the future of global aviation.

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