

# **Airports Authority of India**

## **Press Release**

### **AAI inaugurates Indigenous ATM Automation System at Bhubaneswar Airport**

**New Delhi, 27<sup>th</sup> October, 2023:** Airports Authority of India (AAI) in its continuous efforts to make skies safer and efficient is striving towards modernizing the Air Traffic Management System by investing in State-of-the-art ATM Automation Systems, Surveillance, Communication and Navigation systems. AAI over the last few decades gained vast experience and expertise in developing Quality Requirements for the ATM Automation Systems (ATMAS). Now, AAI and BEL together has achieved remarkable results with success of the Project “Development of Indigenous ATM Automation System and integration of Advanced-surface movement guidance and control system (ASMGCS) with ATMAS” at Bhubaneswar Airport. The new facility was inaugurated Sh. Sanjeev Kumar, Chairman, Airports Authority of India and Sh. Bhanu Prakash Srivastava, Chairman & Managing Director, Bharat Electronics Limited, in the august presence of senior officials from both AAI & BEL on 26<sup>th</sup> October, 2023.

The joint development of Indigenous ATM Automation System, underlining the journey of creativity with excellence is a glittering achievement for AAI and BEL, leveraging on their capabilities and expertise in the fields of ATM systems and R&D giving wings to ‘Atmanirbhar Bharat’ & ‘Make in India’ mission of Government of India. The new ATMS will also reduce AAI’s foreign dependency for procurement of ANS infrastructure, thereby saving a large amount of foreign exchange outlay, and has etched a new chapter of collaboration in Indian Aviation Industry.

ATM Automation System provides the Controllers Conflict prediction/Alert warnings and decision-making tools, enabling Safe and efficient Air Traffic Control. Given that Automation is the mainstay in ATM for handling the growing traffic, AAI's massive steps to install ATM automation at all medium and major ATC Centers have led to enhanced Safety and operational efficiency apart from assuaging the stress levels of the Controllers.

The system comprises multiple, in-house developed technologies, such as Situation Display for Air traffic controller, Surveillance Data Processing (SDP), Flight Data Processing (FDP), Safety Net and Decision Support (SNET), Control & Monitoring Display (CMD), Advanced ASMGCS, etc. It helps in increasing capacity with improved safety by reducing controller workload, improving air traffic flow and minimizing flight delays. Enhanced system reliability and availability are provided through redundant and distributed architecture, safeguarding ATM operations.

The MoU for joint development of indigenous ATM Automation System between AAI and BEL was signed during Wings India - 2022 at Hyderabad on 24<sup>th</sup> March 2022.

Issued by Corporate Communications Directorate, AAI

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Sh. Sanjeev Kumar, Chairman AAI and Sh. Bhanu Prakash Srivastava, Chairman & MD, BEL unveiling the plaque of New ATMS at Bhubaneswar Airport

