



## CONNECTING THE AIRPORTS AUTHORITY OF INDIA

# FUTURISTIC TELECOMMUNICATIONS INFRASTRUCTURE (FTI) INDIA

## SECURE TELECOMMUNICATIONS FOR AIR TRAFFIC OPERATIONS

### BENEFITS

Decreases telecommunications costs over time through streamlined service provider management

Increases network security and monitoring

Reduces communications related delays at airports

Simplifies network service structure through integrated network

India is one of the world's fastest growing aviation markets, handling hundreds of millions of passengers a year. With increased demand is a need for secure infrastructure and regional connectivity.

### FOR SECURE AND EVOLUTIONARY INFRASTRUCTURE FOR REGIONAL CONNECTIVITY

The Futuristic Telecommunications Infrastructure (FTI) of India will serve as a communications gateway for air traffic operations across all Indian airspace. Together with the Airports Authority of India (AAI), Harris will migrate hundreds of telecommunications services onto the network to help accomplish their core mission: providing safety and promoting economic growth within the region.

The robust network will interface into air traffic management and operations functions with improved air traffic network reliability.

FTI India systems integration includes:

- Distributed field force
- Equipment modernization
- Network centers
- Security operations
- Satellite gateways for remote locations
- Air traffic systems
- Management services
- Surveillance tools
- Voice communications

## FEATURES

Redundant network architecture allows high availability

24/7 monitoring and field workforce for immediate response

Private, closed network exclusively for air traffic operations

Scalable architecture for implementing new technologies like remote tower operations

# A PARTNERSHIP THAT ADDRESSES EVOLVING AIR TRAFFIC OPERATIONS

The Airports Authority of India (AAI) and Harris Corporation will work in partnership to deliver FTI India. With a dedicated field workforce and 24/7 support, the system will be operated and maintained constantly. This allows for immediate response to potential outages and regular service that ensures network strength and reliability.

## DELIVERING NEW TECHNOLOGIES FOR ONE OF THE BUSIEST AIR TRAFFIC REGIONS IN THE WORLD

FTI India will serve as the network backbone for Indian airspace, allowing more scalable technologies to be built on top of the infrastructure such as System Wide Information Management (SWIM) and other air traffic optimization solutions. This enables AAI to meet the growing demands of air traffic within India, as well as Asia-Pacific region.

## CONNECTS INDIAN AIRPORTS AND FACILITIES FOR INCREASED BANDWIDTH AND DECREASED DELAYS



UPGRADING OVER 90 SITES AND MORE THAN 200 TELECOMMUNICATIONS SERVICES ACROSS THE COUNTRY.

### About Harris Corporation

Harris Corporation is a leading technology innovator, solving customers' toughest mission-critical challenges by providing solutions that connect, inform and protect. Harris supports government and commercial customers around the world.

Learn more at [harris.com](http://harris.com).

### EXPERIENCE THAT MATTERS

For more than 30 years, Harris has helped air navigation service providers, controllers and mission-critical personnel on six continents to manage air traffic safely and securely with dependable, state-of-the-art communications innovations. Every day, thousands of aircraft flying the global skies depend on technology to arrive safely, efficiently and on time.

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