

# GSAT-30

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**Source:** *PIB*

India's latest communication satellite GSAT-30 was successfully launched from the Spaceport in **French Guiana**. The **launch vehicle Ariane 5 VA-251** lifted off the satellite from Kourou Launch Base, French Guiana.

## **Command and control of the GSAT**

ISRO's Master Control Facility (MCF) at Hassan in Karnataka took over the command and control of GSAT-30 immediately after its separation from the launch vehicle. Preliminary health checks of the satellite revealed its normal health. **The satellite will be operational after the successful completion of all in-orbit tests.**

## **About GSAT-30**

- GSAT-30 is **configured on ISRO's enhanced I-3K Bus structure to provide communication services from Geostationary orbit in C and Ku bands.**
- **The satellite derives its heritage from ISRO's earlier INSAT/GSAT satellite series.**
- **Weighing 3357 kg, GSAT-30 is to serve as a replacement to INSAT-4A spacecraft services with enhanced coverage.**
- The designed in-orbit operational life of GSAT-30 is more than **15 years.**

## **Uses**

- The satellite will provide communication services to Indian mainland and islands through Ku-band and wide coverage covering Gulf countries, a large number of Asian countries and Australia through C-band
- GSAT-30 will provide DTH Television Services,

connectivity to VSATs for ATM, Stock-exchange, Television uplinking and Teleport Services, Digital Satellite News Gathering (DSNG) and e-governance applications.

- The satellite will also be used for bulk data transfer for a host of emerging telecommunication applications