

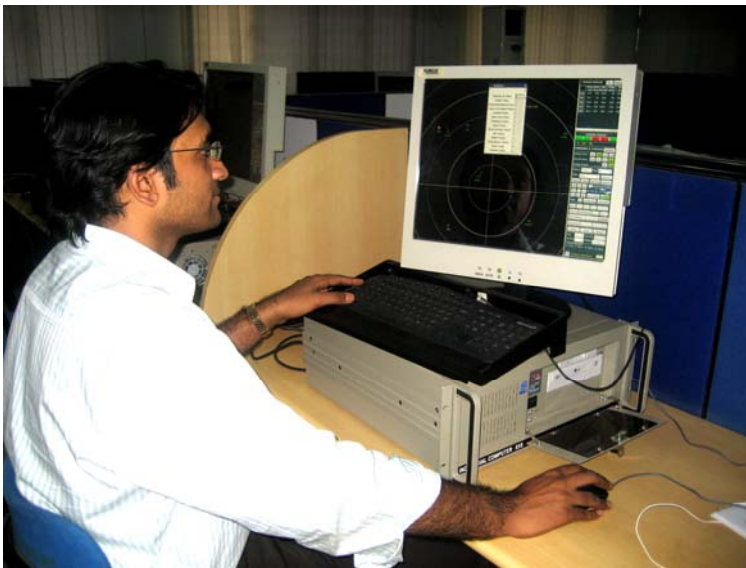


RDP

Radar Data Processing System

REAL-TIME RADAR DATA PROCESSING SYSTEM

Jupiter Strategic Technologies' RDP accepts plots and reference signals from radars, processes them, filters out clutter and unwanted information, initiates tracks and updates them maintaining high accuracy of track parameters even in high manoeuvre situations and displays them on Air Situation Display. It currently supports THD-1955 (IRMA) and ST-68 Radar systems. The RDP can be configured for any Radar System.



RDP Functionalities

- Plot Processing.
- Clutter Correlation.
- Track Correlation.
- Track Initiation.
- Track Resolution.
- Track Update.
- Mirror Track Initiation.
- DR Update and Kill Track.
- ASTERIX format output of Plot, Track and Reference Signals.
- Upgradeable and scalable in Plot and Track handling capability ensuring desired response time.

DISPLAY

The Display system designed and developed by Jupiter Strategic Technologies consists of Radar Air picture and user friendly GUI in the same screen. The user friendly GUI can be customised to interact with RDP system with minimal modification. The operation of Display features such as zooming / panning, picture in picture etc., can be carried out with ease.

RECORD AND REPLAY

The Record and Replay module records in AVI or Data Format. The replay in AVI format replays the entire screen recorded including the operator actions. In case of Data recording the RDP plots, tracks and statistical data in packets on a suitable storage medium for replay and analysis.