



Ku, Ka, X CENTERS, Ku240 CENTER/FA, Ku370 CENTER/FA

SATELLITE COMMUNICATION  
CONTROL STATION

#MilitaryCommunication



aselsan



## Ku, Ka, X CENTERS, Ku240 CENTER/FA, Ku370 CENTER/FA SATELLITE COMMUNICATION CONTROL STATION

With its ability of beyond line-of-sight communication and endurance to various geographical conditions, Satellite Communication Systems are indispensable communication tools by satisfying campaign/logistic requirements below, when there is no communication system left or the capabilities of the communication systems are restricted:

- Forming tactical picture
- Reliable communication environment with high data rate between tactical units and operation/command centers
- Communication infrastructure providing integration of elements in the tactical field with strategical networks
- Communication ability of tactical units with civilian communication environments

Satellite Communication Control Station provides services such as remote control of the satellite terminals and switching infrastructure for their communication configurations.

### Features

- Switching infrastructure of satellite terminals' connection to Terrestrial Networks
- Switching infrastructure for inter-terminal satellite communication
- Encryption, Acceleration, Compression Services
- Redundant Operation of Main and Standby Network Control Stations
- Management and Monitoring of satellite terminals and satellite frequency band
- Management and Monitoring of Satellite Terminals' connection to Terrestrial Networks
- Management of Satellite Terminals' Channel Requirement and Network Access
  - Centralized and Dynamic Channel Planning and Management of Access Techniques (DAMA, PAMA, MF-TDMA etc.)
  - Remote Management of Satellite Terminals
- Interfaces for connection to national and corporate communication networks
- Secure connections to military networks via encryption equipment
- Standard interfaces for connection to communication networks
- Redundant LNA System
- Redundant Up-Converter System
- Automatic De-Ice System

### Functional Features

- Automatic satellite tracking
- Manuel Control
- Touch-operated Antenna Control Unit
- Precise position information

