IAI ELTA Systems Ltd.
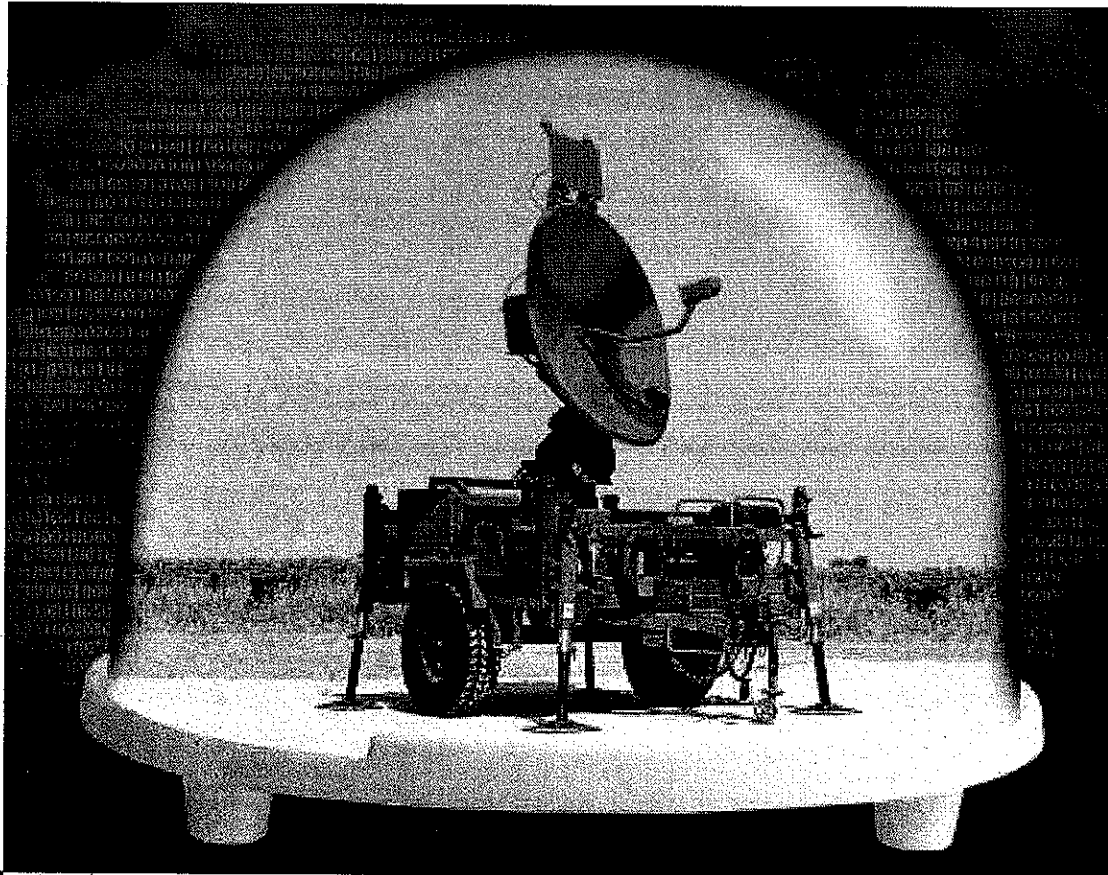Group & Subsidiary of ISRAEL AIRCRAFT INDUSTRIES LTD.

GDT - Ground Data Terminal

EL/K-1861

General

The GDT is a high performance mobile microwave communications terminal, designed to provide a data link interface between ground or shipboard command and control stations and airborne reconnaissance platforms.

Configuration

The GDT implements a modular architecture, employing a set of standard interfaced building blocks.

The basline GDT configuration may be customized, via user selected options, for a wide range of ground-to-air, or ship-to-air or ground-to-ground data link applications.

Features

- Range exceeds 300 Km, LOS
- One-way or full-duplex communications
- Carry one, or a combination of the following:
  - Command or Telemetry data: up to 2 mb/s
  - Video: RS-170 or CCIR, B&W or Color
  - Data: from 64 Kbps up to 280 Mbps
  - Voice channel(s)
- Mobility: 2 ton trailer

- Self sustained electrical supply, AC/DC
- Backup Navigation: range & azimuth
- Fully remote controllable via RS-422 line
- BIT: on-line and off-line
- **Options:**
  - Fiber optic remote control, up to 5 Km
  - ECCM/LPI mode (SpSp)