



Mil-IES

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Image Exploitation Solutions

IES Solutions of MilSOFT:

- Transportable Image Exploitation System (TIES) receives EO/IR, SAR, GMTI, Telemetry sensor data from UAV via Ground Control Station, performs screening and exploitation functions and reports the exploitation products to intelligence requesters.
- Remote Video Terminal (RVT) receives and displays sensor data that are transferred directly from the UAV. The equipment is suitable to be used for forward observing posts in the battlefield.
- Ground Control Station Mission Systems (GCSMS) is a complete mission system solution of Ground Control Station of UAVs which consists of Mission Planning Software, Payload Control Software, Communication System and Integrated Test and Monitoring Software.



Purpose of operators located in TIES are to receive the sensor data, make detailed analysis on the data received and create imagery intelligence reports.

Those reports are sent to decision makers online through secure military lines.

Basic TIES Functionality:

- Image Exploitation & Analysis
- Photogrammetry
- Image Reception & Storage
- General Intelligence Cycle Management

RVT is used by forward observers in the field.

RVT receives sensor data directly from the aircraft.

Every component of RVT is rugged for harsh environment.

GCSMS Functions:

Mission Planning Software Functions

- Flight, Payload, Communication Planning
- Mission Rehearsal
- Mission Upload
- Mission Monitoring, Debriefing and Evaluation

Payload Control Software Functions

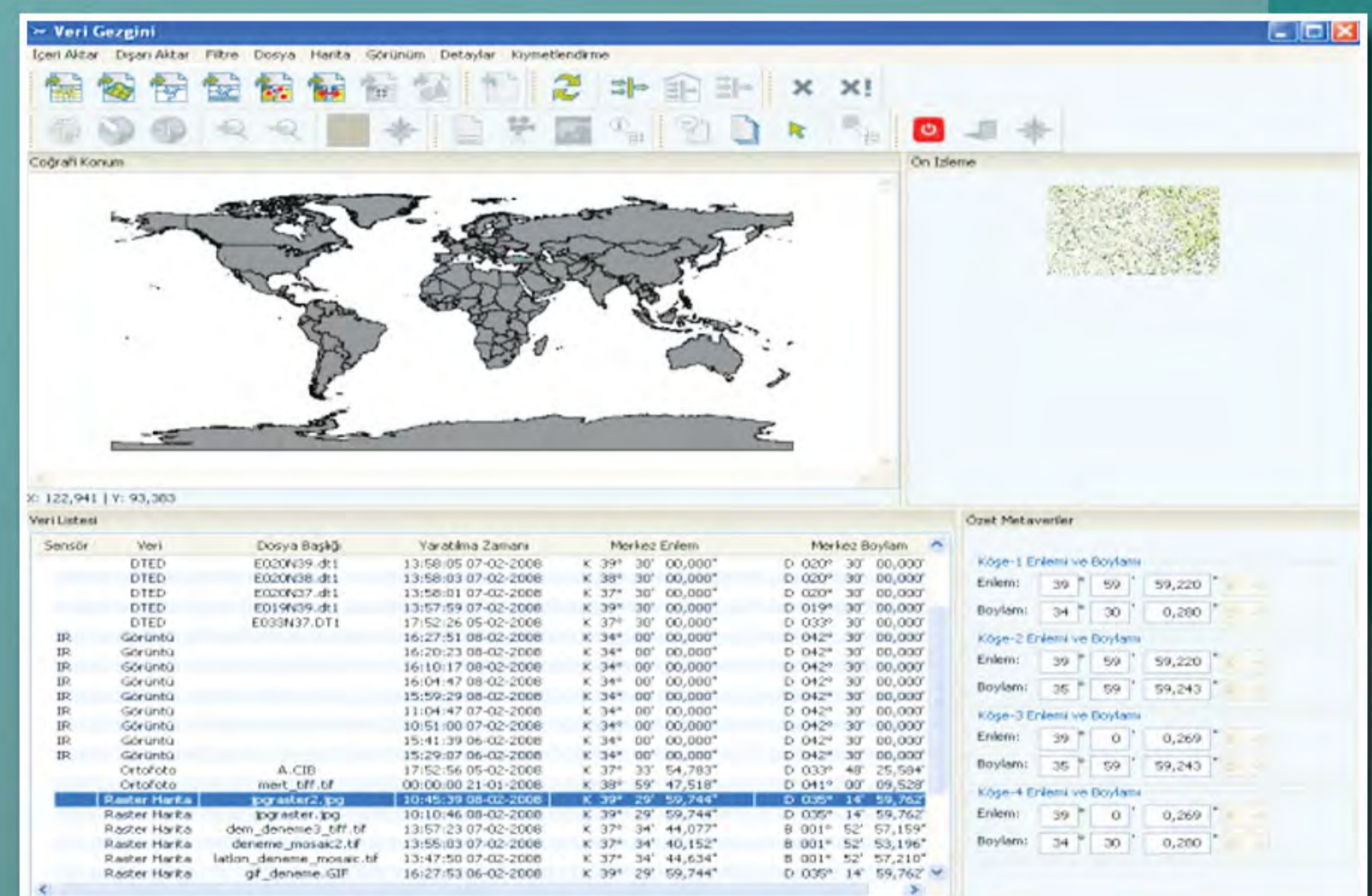
- Control of UAV Payloads
- Process, Display, Record and Replay Payload Data

Communication System Functions

- Interaction of External Systems Based on STANAG 4586
- Manage External Interfaces of GCSMS

Integrated Test and Monitoring Software Functions

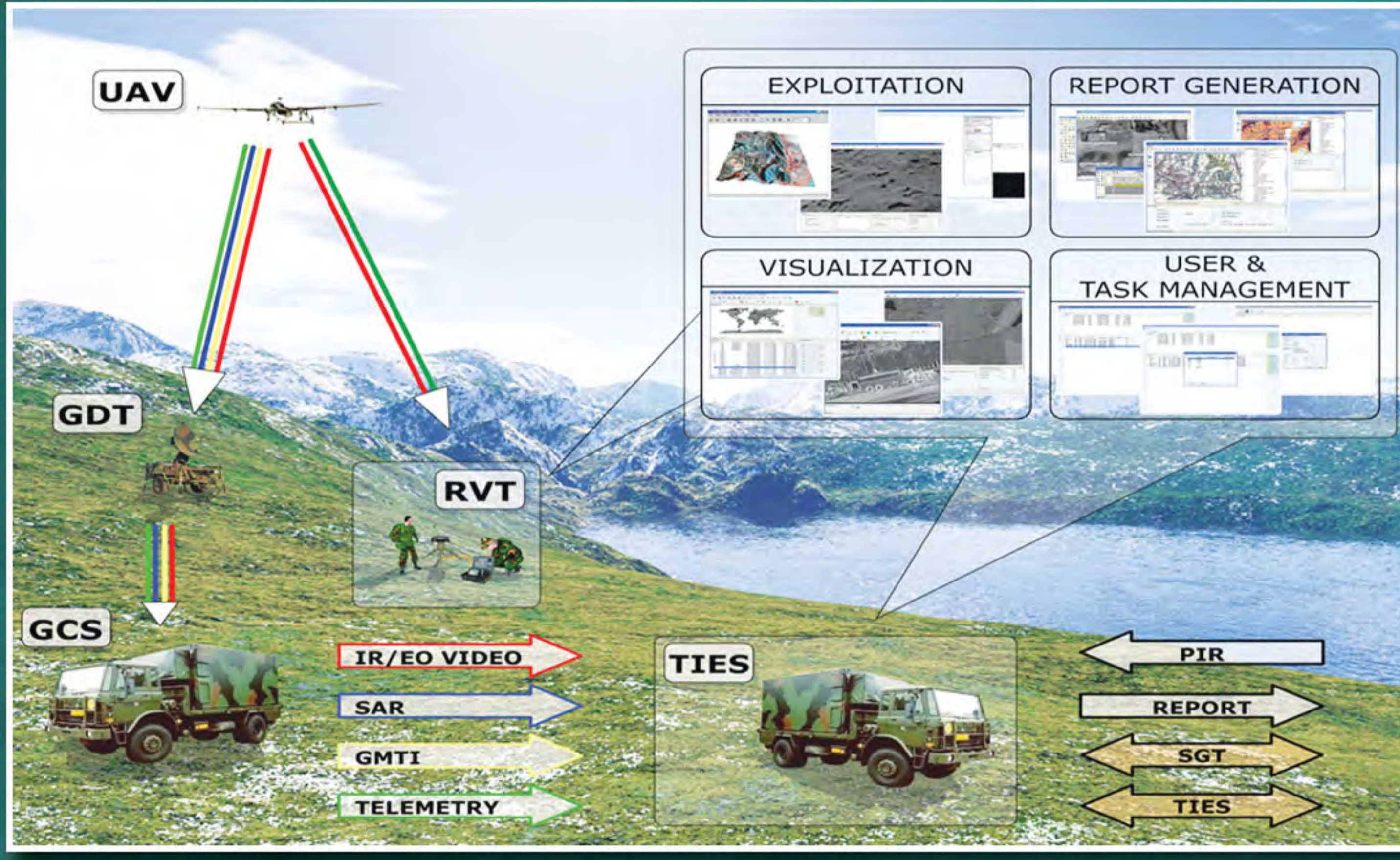
- Collection, Archiving, Display of Status/Diagnostic information



Functions

Technology Center





Technical Features

Highlights Of TIES

- NATO STANAG Compatible Interfaces
- DDS (Data Distribution Service) Based Data (EO/IR, SAR, GMTI) Streaming
- Compliance With International Industry Standards for Interfaces
- Easy Integration of New Sensors
- User Friendly (GUI) Graphical User Interface
- Computing Platform Independent
- Availability for Customization & Integration With Existing Systems
- Fixed Site Deployment
- Integration Option with TDL

Highlights of RVT

- Rugged Laptop Hardware
- Reception and Display of Real Time EO/IR Video and Telemetry Data
- Digital Map Capability, Integrated GPS Receiver
- Automatic UAV Tracking

Highlights of GCSMS

- STANAG 4586 Based Architecture and Interfaces
- Open System for Further Needs
- Platform Independent

