Stalker

Long Range Reconnaissance Unit

Mobile Autonomous Reconnaissance and Target Acquisition

- Short and long range surveillance & reconnaissance
- High resolution imagery acquisition and transmission day or night and under adverse weather conditions
- Total target management capability
- Pinpointing predetermined coordinates
- Automatic tracking capability
- Fully computer-controlled VCR
- Real-time data communications to C4I networks
- User friendly and easy to train system
- High mobility
- Military, paramilitary and civilian missions
- Highly cost effective
- Full air transportability

mPrest part in Stalker

mPrest led the architecture and development of the software of the Stalker mission computer.

The system is based on Microsoft .Net framework, and uses ”mCore”, “mClient” and “mComm” as the application infrastructures. It is designed to run on relatively low performance fully-rugged laptops.

The architecture is designed to be open and flexible, allowing for seamless integration of sensors (e.g. EOIR payload or Radar) and special applications (such as payloads control applications).

The system is designed with the goal to serve as an infrastructure for a line of tactical mission computers.

Stalker family systems can be configured for military as well as homeland security applications

Stalker Mobile Target Acquisition Post

Stalker configured for HLS applications

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