NADATS

North American Defense Advanced Technology Solutions

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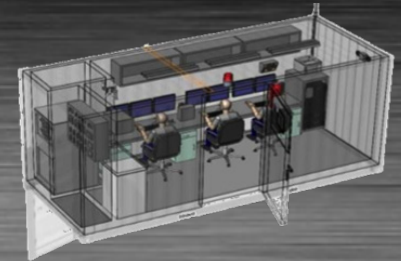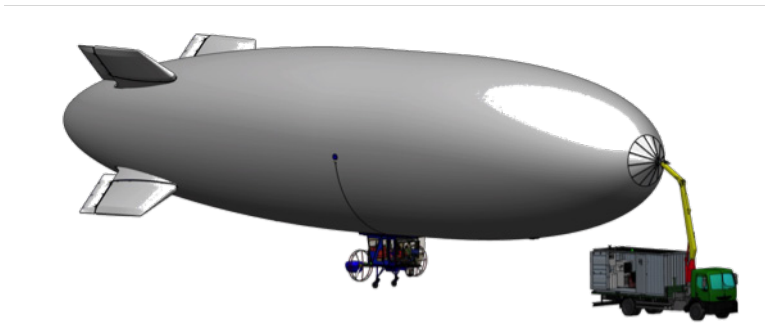# COMMAND AND CONTROL

Ground Control Stations (GCS):

NADATS designs and fabricates, or integrates, ground control stations (GCS) to empower effective command and control in any environment, delivering radar, EO/IR images, or communications data to remote climate controlled mobile operations centers. GCSs support mid-sized aerostat systems as well as airship-based ISR operations. GCS enables:

- » **EO/IR control station integrated with moving maps software**
- » **Radar control station with map integration**
- » **Network Attached Storage (NAS) capable of storing 24 hours of surveillance video for post mission analysis**
- » **Able to interface with military networks to distribute target information**

GROUND CONTROL STATION

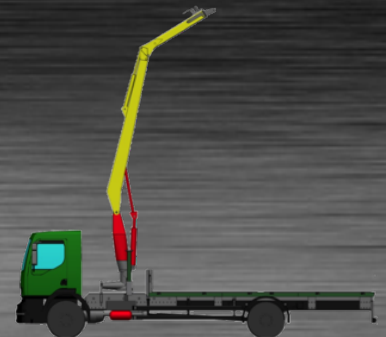COMMAND & CONTROL STATION

Mobile Mast (MM):

The mobile mast system extends operations and mission flexibility, permitting mooring and operations away from the primary base of operations. The mobile mast can also be fitted with an optional Ground Control Station (GCS). The vehicle has all controls for the mooring boom as well as the nose winch. The remote panel can be detached, and allows operator mobility for greater visibility while operating the three mooring winches.

MOBILE MAST (MM)

Field Control Units (FCU):

Whether bunkered down or on the move, on foot or in a vehicle, NADATS field control units (FCUs) help deliver elevated surveillance data to operators wherever they may need it. NADATS integrates data to a variety of lightweight but rugged field control units designed for ease of use and mobile performance. Field control units are empowering and easy to view, secure, and safeguard from environmental conditions like dust, sand, and humidity.
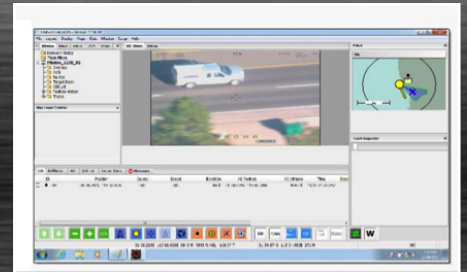
Moving Maps Software (MMS):

Aeros fully integrates all appropriate payload data packages into moving maps software (MMS) for simplified monitoring and enhanced situational awareness. The MMS:

- **Integrates all sensors onto one, comprehensive, easy to use, tactical map**
- **Automates slewing of camera to radar tracks, or detected gunfire**
- **Displays target position, speed, and range on the map interface**
- **Alerts to notify the user when a target enters or exits a defined area**
- **Records all mission data, including video and radar tracks, for later analysis**
- **Designate and label targets for easy monitoring, document with time/date/position, and securely disseminate**

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FIELD CONTROL UNITS

SENSOR INTEGRATION SOFTWARE