

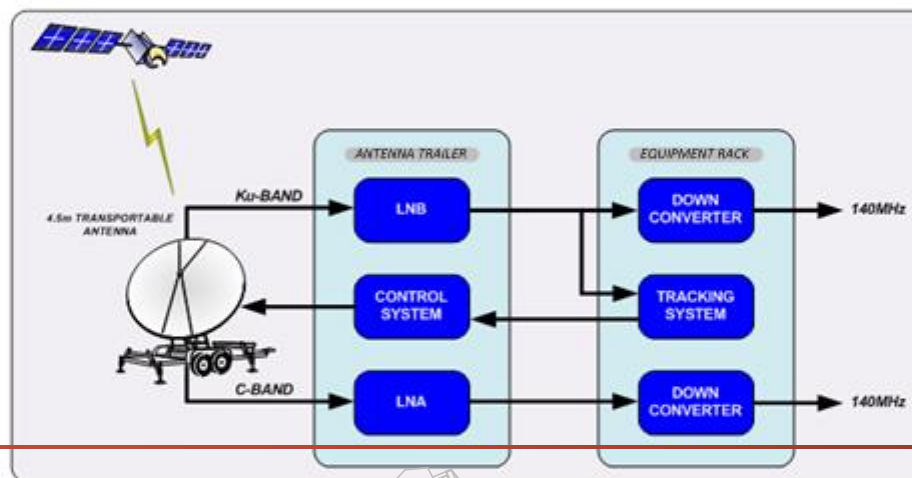
## Trailer mounted communication antennas

Our team is able to draw on our vast experience in antenna system supply to provide cost effective transportable – deployable antenna systems working with our in house products or any preferred vendor. As bespoke system integrators we have the flexibility to offer tailor made solutions to meet any customer requirement.

A typical system includes a fully assembled and equipped trailer with easy to use automatic step tracking system, which includes automatic satellite seeking for use during initial set up. Using position and attitude sensors mounted on the trailer the system can automatically set up the satellite search in the correct area of the sky.

## Typical Architecture

While we can tailor a particular requirement, a typical receive system is illustrated below, equipment is mounted in outdoor rated 19" equipment racks fixed to the trailer utilising shock and vibration damping mounting elements, or mounted in ruggedised transportable 19" equipment cases as required.



### A typical system can include:

- Deployable trailer mount antenna system with various antenna sizes, feed and frequency options
- Multi-band capable or interchangeable feeds
- Tracking system
- Precision fluxgate Compass, inclinometer and GPS Time Standard
- Project services and performance analysis
- Handbooks, Test Reports & Training Manuals

### Options available:

- Transmit Capability
- Rain blower, De-Ice
- Automatic feed dehydrator
- Power supply monitor unit
- Carrier Monitoring System (CSM)
- System spare parts
- Manual Jog control only (i.e no acquisition assist)
- Monitor and control (M&C)
- Equipment rack/case air conditioning

