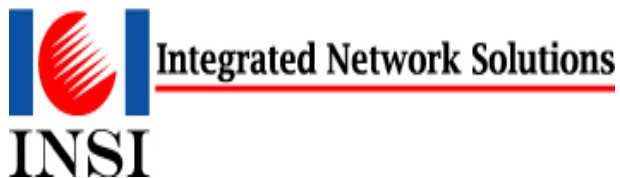


# Rugged Mobile Communications System

REV 10/2014



**“The unit can be deployed in any environment and is designed to run for weeks at a time, without maintenance or refueling.”**



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## Integrated Network Solutions

### MOBILE COMMUNICATION SYSTEM

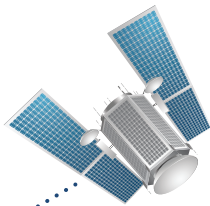
Integrated Network Solutions Mobile Communication System is engineered to provide all of your remote site communications requirements in one compact, self-contained system. The unit can be deployed in any environment and is designed to run for weeks at a time, without maintenance or refueling. The telescopic mast can be configured to hold almost any-type of antenna or network device for local or remote wireless connectivity to adjacent jobsites.

### SYSTEM SPECIFICATIONS

- Rugged, all steel trailer design, fully coated in Rhino Lining
- 1.2M Ku-band terminal offering data rates up to 2 Mbps or 1.2M Ka-Band with data rates approaching 15 Mbps
- Commercial-grade diesel genset with 100 gallon fuel cell provides up to 16 days off-grid operation
- 15 rack unit Weatherproof and air-conditioned equipment enclosure powered and isolation protected by industrial UPS
- Articulating telescopic mast provides elevated line-of-sight for wireless antennas up to 25'



INTERNET



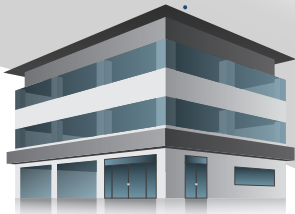
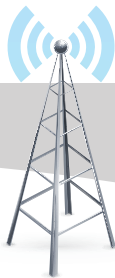
KA/KU  
SATELLITE



CARRIER 4G LTE



TELESCOPIC MAST  
TO 20-FEET



HEADQUARTERS



WIRELESS  
ACCESS POINT



SATELLITE  
ROUTER



INTRINSICALLY  
SAFE WIRELESS



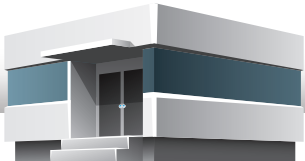
8 - PORT  
SWITCH P.O.E



SOLAR CHARGER  
BATTERY PLANT  
(OPTIONAL)



SURVEILLANCE CAMMERA  
(OPTIONAL)



FIELD OFFICE



1.5 KVA  
SMART UPS



DIESEL  
GENERATOR



100 GALLON  
DIESEL FUEL



VHF RADIO SYSTEM  
(OPTIONAL)

OMNI ANTENNA 155-180 MHZ / REPEATER  
45-WATT / VEHICLE RADIO /  
HANDHELD RADIOS