

Odin Communications Truck



Proof-of-Concept / Test Development Platform

- Gives utilities the ability to quickly evaluate equipment with minimal risk/capital
- 60RU of additional space available to host vendor and utility equipment
- Full test & measurement suite to evaluate system performance
- Available for short and long-term field trials
- Robust power options whether on or off-grid, with the ability to power any AC or DC equipment



Communications Interoperability Platform

- Supports any combination of VHF, UHF, Wi-Fi, cellular, private broadband, FirstNet, SATCOM, and user-specific applications/systems
- Any to any connectivity - instantly join different radio systems together via the ACU-2000 interoperability gateway
- I/O panel to connect external equipment via coaxial cable, CAT6A, single-mode fiber, multi-mode fiber, and HDMI



Network / Radio Connectivity

- Assist utilities and public safety with network and radio connectivity in the event of system outages
- Connect stranded assets when infrastructure is compromised
- Extend cellular connectivity to hard to reach areas
- Provide secure Wi-Fi for sites needing connectivity



Temporary Infrastructure Restoration

- Restore infrastructure temporarily when towers or critical assets are taken offline
- Quickly identify and mitigate interference sources
- Serve as a temporary base station for any voice or data system



Mobile Operations Center

- Support for up to 3 system operators
- Available for disaster recovery scenarios, supporting SCADA, CAD, OMS, & mobile dispatch applications
- Satellite phone and mobile radios ensure always-on connectivity to internal and external restoration crews



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Fully Automated System

Vehicle monitoring and control managed from a laptop, tablet, or smartphone

- Deploy auto-leveling jacks
- Switch A/V feeds
- Raise/lower pneumatic mast
- Control antenna rotator azimuth/elevation
- Select between vehicle connectivity options
- Monitor voltage, battery level, link status, weather alerts, antenna direction



Connectivity

Dynamically switch between Wi-Fi, Cellular, PLTE, FirstNet, or SATCOM connectivity based on prioritization, availability, and throughput requirements



Comms Interoperability

- LMR support across all bands
- Conventional, P25, and MotoTRBO radios
- Interoperability gateway can connect any combination of onboard and customer radios
- Mobile dispatch consoles can be configured to operate on any system



46 Foot Pneumatic Mast

- Heavy-Duty mast can support loads up to 250lbs
- Site monitoring cameras
- Azimuth/elevation antenna rotator
- Multiple coaxial, Ethernet, and multipair cables for user applications



A/V Matrix

Full conferencing & presentation capability both inside and outside

- 16x16 HD 1080p switching matrix



Exterior I/O Panel

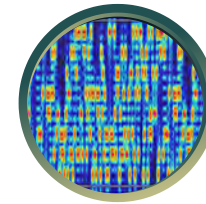
Can accommodate multiple external connections:

- 16 - RF N-Type Ports
- 20 - Copper GbE Ports
- 6 - Single-Mode Fiber Ports
- 6 - Multi-Mode Fiber Ports
- 2 - HDMI Ports
- 4 - RS-232/485 Serial Ports



Site Monitoring

- 4 - 5MP cameras
- 1 - HD 1080p PTZ camera with 32x optical zoom
- Intelligent monitoring flags loitering and other suspicious activity



Integrated Spectral Analysis

Real-time spectral analysis and interference detection across all bands up to 6GHz

