

## Welcome to The Future of Mobile Response

- ▶ *Incident Response*
- ▶ *Mobile Cellular Tower*
- ▶ *Communications and Power Restoral*
- ▶ *On-Demand Services*
- ▶ *Remote Field Operations*
- ▶ *Business Continuity*
- ▶ *Mobile Regional Coverage*



# pCom<sup>®</sup> XL



pCom<sup>®</sup>



pCom XL is designed to be deployed in the most remote conditions and left running for weeks. The tower provides ideal Cellular, Radio, Video, or other device which can be managed via the satellite network.



Scene Lighting, Antennae Mounts, Camera, Sensors, WiMax, 3G/4G mount, Nycoil with cabling (optional equipment mentioned)



Electronics bay includes air ride system anti-vibration stabilizers for the 42 rack units of space. Separate breakers on each rack power circuit provides diverse power management. The 'closed air' electronics bay has dedicated A/C and Heat keeping vital equipment in optimal operating temperature range.



External I/O panel allows for control of the pCom electronics, pneumatics, scene lighting, air conditioning and power generation from a single secure panel. Cable management allows for 'runs' into other buildings from the I/O patch panel.



pCom has a brass grounding rod attachment locations and pneumatic air "Quick Connects" for use with air tools.

**The 2013 pCom<sup>®</sup> XL** provides an immediately deployable, self contained trailer with power generator, lighting and communications infrastructure where you need it. This system is fully functional in 5 minutes! Emergency response and field operations requires infrastructure designed to solve the problems that come with the unknown. The comprehensive and flexible design of the pCom<sup>®</sup> offers an environment to operate vital communications equipment and services to IT and Incident Operations Management personnel.



pCom's electronics bays are built for rugged environments with needs for humidity, water intrusion, heat, cool, and air-borne particulate filtration management. The pCom's<sup>®</sup> on-board 9,000 – 25,000 watt ultra quiet clean power generation system options, provides for site power, core communications equipment and powerful scene lighting. Up to 2 weeks of service is provided by the "hot refuelable" 93 gallon internal diesel tank. An auto-acquire satellite when combined with a 30 foot (up to 50 foot) internally cabled tower creates the ultimate response trailer. With 42 rack units of environmentally controlled rack space, pCom<sup>®</sup> operators have numerous options for their critical communications equipment. Remote Power Management and Systems Control (IP Network). Whether you run proprietary internal networks or you simply require reliable access to high-speed Internet, phones, radio, video, or broadcast, the pCom<sup>®</sup> fulfills your critical operations needs.

## Squire Tech Solution's 2013 pCom<sup>®</sup> XL Satellite Trailer includes the following:

- ▶ Secure environmentally controlled electronics bay
- ▶ External I/O Panel Control: generator controls, system monitor, compressor switch, tower control, A/C power.
- ▶ Secure wiring and cabling access throughout
- ▶ Shore power inputs with automatic transfer switch
- ▶ Shore Power uses standard "wall jack" 15-20 AMP shore power services
- ▶ Integrated battery charger while on shore power while stored or in operation
- ▶ 9kw - 25kw diesel power generator with vibration isolation, noise dampening
- ▶ Digital speed and voltage control on generator for powering sensitive electronics
- ▶ Auto start generator controller
- ▶ 93 gallon fuel tank, refuel-able while in operation
- ▶ Integrated AC circuit breaker panel
- ▶ Integrated DC fuse panel
- ▶ Multiple external GFI power outlets
- ▶ 42 RU equipment rack space on air suspension
- ▶ 3rd 21 RU rack (optional)
- ▶ 30.5' pneumatic tower with internal cable set
- ▶ 24' - 50' towers available (optional)
- ▶ Dual air compressor and tank system for pneumatic tools and tower control
- ▶ Pressure regulated front and rear air compressor hose connections
- ▶ Tower mounted high power LED scene lighting kit
- ▶ Power management and systems control
- ▶ Aluminum construction on rugged steel substructure
- ▶ Standard stow height less than 8 feet
- ▶ 'Low stow' 7 foot height available (Optional).
- ▶ Mobile Responder grade AvL Technologies auto acquire low stow satellite antenna and control system
- ▶ Integrated and network tested block up converter (BUC) and low noise block (LNB)
- ▶ Mobile Responder rack mounted iDirect Evolution X5 satellite modem (TCP Accelerated, QoS and Prioritized)
- ▶ Multi-Port enterprise VoIP gateway, router and switch
- ▶ Long Range Omni Directional Wireless Access Point / Client Bridge (802.11 a/b/g/n)
- ▶ Multi-port LAN PoE Smart switch with VLAN capabilities, port management and controls
- ▶ Power management with Uninterruptable Power System
- ▶ Large storage bay with dual access door
- ▶ All compartments have LED lighting for night visibility
- ▶ Tie Down "D" rings
- ▶ Lockable latches on all doors
- ▶ All Stainless Steel hardware
- ▶ Spare tire with lug wrench with every system
- ▶ 4 wheel integrated hydraulic trailer brakes with break-away control
- ▶ Standard DOT lighting (all LED)
- ▶ Sealed from road spray
- ▶ International lighting packages available
- ▶ Integrated leveling jacks
- ▶ Transportable by any standard tow vehicle
- ▶ Adjust height and interchangeable tow hitch