

Welcome to The Future of Communications

- ▶ *Incident Response*
- ▶ *Emergency Management*
- ▶ *Communications and Power Restoral*
- ▶ *On-Demand Services*
- ▶ *Remote Field Operations*



pCom XL

SQUIRETECH
Solutions, LLC 11111111

pCom®

The 2013 pCom® XL provides

an immediately deployable,

self contained power generator,

lighting and communications

infrastructure where you need it.

Emergency response and field

operations requires infrastructure

designed to solve the problems

that come with the unknown.

The flexible design of the pCom®

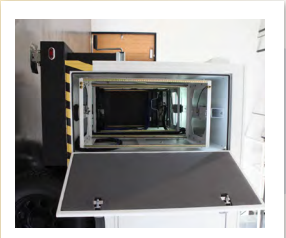
offers an environment to

operate vital communications

equipment and services to IT

and Incident Operations

Management personnel.



Electronics bay includes air-ride system and anti-vibration stabilizers for the 44 rack units of space. Separate breakers on each rack power circuit provides diverse power management. The 'closed air' data center has dedicated A/C and Heat keeping vital equipment in optimal operating temperature range.



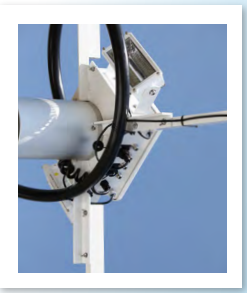
External I/O panel allows for 100% control of the pCom electronics, pneumatics, scene lighting, air conditioning and power generation from a single secure panel. Cable management allows for 'turns' into other buildings from the I/O patch panel.



Removable tongue for long term deployments, shipping, and repair if ever needed. pCom has multiple brass grounding rod attachment locators and pneumatic air access locators for use with air machinery.



pCom XL is designed to be deployed in the most remote conditions and left running for up to weeks without human intervention. The tower provides ideal Cellular, Radio, Video, or other IP device which can be managed via the satellite network.





pCom's electronics bays have Aluminum extreme environment enclosure controls for humidity, water intrusion, heat, cooling, and air-borne particulate filtration. The pCom's[®] on-board 9,000 – 25,000 watt ultra quiet power generation system options provides for site power, core communications equipment and powerful scene lighting system. The clean power generation, a 93 gallon internal diesel tank, and an auto-acquire satellite when combined with a 30 foot (up to 50 foot) internally cabled tower creates the ultimate response trailer. With 44 rack units of environmentally controlled rack space, pCom[®] 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[®] fulfills your critical operations' needs.

Squire Tech Solution's 2013 pCom[®] XL Satellite Trailer includes the following:

- ▶ **Secure NEMA Coms Enclosure**
- ▶ **External I/O Panel and Secure Conduit throughout**
- ▶ **Secure wiring and cabling access**
- ▶ **Instrumentation Control: Generator Controls, Runtime Digital Hours Meter, System monitor, Compressor switch, Tower control, A/C power**
- ▶ **Shore power inputs with automatic transfer switch and integrated battery charger**
- ▶ **9kw - 25kw Diesel power generator with vibration isolation, sound dampening and attenuation**
- ▶ **Shore Power (Integrated Transfer Switch)**
- ▶ **Integrated DC and AC Circuit Breaker Panels**
- ▶ **93 gallon fuel tank (Diesel or JP-8 fuel)**
- ▶ **Multiple External GFI Power Outlets**
- ▶ **44 RU equipment rack space on air suspension (with optional 3rd 22 RU rack)**
- ▶ **30.5'- 50' pneumatic tower with internal cable set**
- ▶ **Integrated air compressor for pneumatic tools and tower system**
- ▶ **Front and rear air compressor hose connections**
- ▶ **Tower Mounted High Power Scene Lighting kit**
- ▶ **Remote Power Management and Systems Control (IP Network)**
- ▶ **Aluminum external and internal components**
- ▶ **< 7500lbs VGW capable (with only 4300lbs VGW as delivered)**
- ▶ **Designed to fit in an ISO container**
- ▶ **Certified for air transportability**
- ▶ **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 Response Rack Mounted satellite internet modem (TCP Accelerated, QoS and Prioritized)**
- ▶ **Multi-Port Enterprise VoIP Gateway, Router and Switch**
- ▶ **3 Mile Long Range Wireless Access Point / Client Bridge**
- ▶ **Multi-port PoE Smart switch with Layer 2 / Layer 3 management and controls**
- ▶ **Power management with Uninterrupted Power System**
- ▶ **Large storage bay with dual door access**
- ▶ **Tie Down "D" rings**
- ▶ **All enclosure doors have key locks**
- ▶ **Tire rack and spare wheel/tire**
- ▶ **4 Wheel Integrated Trailer Brakes, Lighting, and Brake-away**
- ▶ **4 Wheel Hydraulic Braking System**
- ▶ **Integrated leveling jacks**
- ▶ **Transportable by standard vehicle**