



an EnerSys Company

Relocatable Mobile Solutions

Engineered for all Environments



ICS Industries is a leading designer and manufacturer of relocatable mobile solutions with a strong focus on providing vital communications and access into remote locations. Our transportable range of products offer temporary communications virtually anywhere and our builds are robust and durable enough to handle Australia's harshest environments.

By combining the appropriate standards, equipment knowledge and user requirements, together with the strength of our electrical and structural engineering team enables us to reduce safety risks and advise you on the most appropriate design. Working together with our clients means that continual improvements can be made to deliver the best available solution to fit your project requirements.

Whilst we have a growing range of standard designs, we can also custom design and manufacture a relocatable mobile solution specific to your project requirements.

Our core offering includes:

- ✓ Cell on Wheels
- ✓ Solar Cell on Wheels
- ✓ Satellite Trailers
- ✓ Network Trailers
- ✓ Satellite Skids
- ✓ Solar Skids
- ✓ Wireless Integrated Compound
- ✓ Mobile Exchange on Wheels
- ✓ Cell on Skid
- ✓ Network Skid
- ✓ DC Powered Skid



Cell on Wheels

Overview

The Cell on Wheels (COW) was originally designed for the Telecommunications Industry as a rapid deployment solution providing temporary coverage for major events and emergency services.

The design includes a self-erecting pneumatic mast with head frame options for various antenna, a separate microwave antenna mount, 19" racks for radio equipment, DC power, full electrical and mechanical fit-out.

The COW can be transported over large distances and on rough terrain, and may be left on site for an extended period of time.

Features

- ✓ Fully engineered trailer base frame, dual axle
- ✓ Outriggers and manual jacks
- ✓ Road registrable trailer
- ✓ AC or DC air conditioning system
- ✓ Heavy duty lockable pneumatic mast up to 18.5 metres
- ✓ Electronic and emergency Braking System
- ✓ Internal temperature management system (PLC) with alarms and generator (Auto start function)
- ✓ Tray-ways for easy cabling to equipment
- ✓ Access platform & ladder



Options

- | | |
|---|--|
| ■ Trailer registration | ■ DC Generator |
| ■ Extended mast 15m + | ■ Masts & guy kits |
| ■ 140 Litre fuel tank | ■ AC & DC Air Conditioning |
| ■ ATS - Automatic Transfer Switch | ■ Custom design and construction available |
| ■ 'Off-road' trailer hitch for safer towing on unsealed roads | ■ Super Heavy Duty Mast |



Solar Cell on Wheels

Overview

The Solar Cell on Wheels (SCOW) is purpose built for 'Off-Grid' remote communications. It is essentially a Cell On Wheels (COW) with a fold out Solar Power System capable of supporting 12 PV panels.

Designed to be packed up and easily transported by a heavy duty 4WD vehicle or light truck, these portable mobile base stations provide temporary coverage using radio transmission.

The SCOW's ability to easily relocate, makes it an effective mobile base station in any crisis situation.

Features

- ✓ Road registrable trailer
- ✓ Fully engineered trailer base frame, twin axle
- ✓ Equipment enclosure AC or DC air conditioned
- ✓ Heavy duty lockable pneumatic mast up to 18.5 metres
- ✓ Electronic and emergency braking system
- ✓ Folding solar frame for 12 panels
- ✓ On-board generator with up to 7 day fuel tank
- ✓ Internal temperature management system (PLC) with alarms and generator (Auto start function)



Options

- Passive cooled equipment enclosure
- DC generator
- 140 litre fuel tank
- ATS- Automatic Transfer Switch
- Independent suspension
- Air Bag suspension
- 'Off road' trailer hitch for safe towing on unsealed roads
- Trailer registration
- Anchor & guy kits
- Solar skid power packs
- AC & DC Air Conditioning
- Backup genset to support solar arrangement, in either 48V DC or 240V AC
- Ring hitch
- Mine standard vehicle identification and Class 1 reflective markers
- Super Heavy Duty Mast



Satellite Trailers

Overview

Satellite trailers are deployed in areas where remote sites require satellite transmission for Broadband, Phone, Pay TV Services or other applications.

Fabricated from fully welded, hot dip galvanised steel and incorporating extendable outriggers for uneven ground stability. They have IP Rated outdoor enclosures for equipment, Hurry Up 8mtr Extendable Mast, provision for a Satellite Dish up to 2.4m, aluminium checker plate and scope for other components to be incorporated as the need arises.

Our Satellite Trailers are primarily used by telecommunication service providers, mining, oil and gas companies as well as government organisations, however, the flexibility of this unit can be adapted to suit many other applications.

Features

- ✓ Easy operational auto tracking satellite dish
- ✓ Fully engineered trailer base frame, dual axle
- ✓ Electronic and emergency Braking System
- ✓ Weatherproof construction
- ✓ Fire extinguisher/s
- ✓ Extendable outrigger assembly
- ✓ 20RU twin skin air-conditioned cabinet
- ✓ 8m mast and mounts for two GPS antennas
- ✓ Road registrable trailer



Options

- Trailer registration
- Generator
- DC System
- Additional Cabinets & storage for battery bank and power control equipment
- Mast options to suit specific applications
- Solar Skid Power Packs to extend power & range
- Support ladder







Wireless Integrated Compound

Overview

Our Wireless Integrated Compound is a fully transportable low impact solution that allows rapid installation of a greenfield telecommunications base station. Factory built and fitted out, the site incorporates foundation, equipment housing, Rocla® concrete telecommunications pole with head frame, and includes fencing and signage to create an instant secure access area.

Not only can the compound provide the benefits of earlier utilisation and earning potential, a further advantage is that the Wireless Integrated Compound can be temporary or permanent.

Features

- ✓ Equipment Shelter
- ✓ Feeder support system
- ✓ Factory Fit-out
- ✓ Deployable to Cyclone Regions A-D
- ✓ Pole Foundation to suit Rocla® SR2
- ✓ Earthing system & Switchboard
- ✓ Quick build, complete site in up to 3 working days
- ✓ Can be classed as a temporary solution which will assist with planning permits
- ✓ Powder coated, galvanised, commercial grade high security fence & gates
- ✓ Fully transportable without Pilots / Vehicles
- ✓ AC power metering provision
- ✓ Cable Support
- ✓ Turnkey including supply of pole



Options

- Foundations:
 - Free standing [nil foundations]
 - Strip footings
 - Screw piles
 - Bored pier
 - Pole Foundation to suit SR3 & SR4
- Cooling, RAC or Split systems
- Generator inlet
- Feeder support
- 20-40m Rocla concrete pole
- Lattice Tower Sections



Mobile Exchange on Wheels

Overview

After the catastrophic Victorian bushfires in 2009, ICS was engaged to design and engineer a Mobile Exchange on Wheels (MEOW) to get communities back on line quickly after a natural disaster. Also used to maintain service while facilities are shutdown, upgraded or whilst being reconfigured.

The MEOW is capable of responding and restoring essential services such as phone, data, ATM and EFTPOS within hours of an event. On site, two technicians are able to deploy the unit, which can then provide up to 768 ADSL2+ services immediately whilst the damaged infrastructure is repaired.

Features

- ✓ Road registrable trailer
- ✓ Fully engineered trailer base frame, dual axle
- ✓ Electronic and emergency braking system
- ✓ Tow-able by a Heavy Duty 4WD or light truck
- ✓ Lockable storage box
- ✓ Cable storage
- ✓ Generator inlet



Options

- Ring Hitches
- Braking Systems
- Custom to suit your equipment
- Trailer registration



Overview

Developed in conjunction with major companies, our range of skids provide a reliable and efficient transportable solution for various applications. They are easy to set up and can be lifted using a forklift, tilt tray or crane to any desired location.

Designed and engineered with mobility in mind by including all equipment fixed onto one solid platform with provisions for battery back-up solutions, satellite and solar, cabinets or masts. Fabricated from fully welded hot dip galvanised steel for longevity, the base frame allows for easy placement on level terrain, making a skid solution a versatile unit that can be rapidly deployed in any situation with minimal on site set-up.

Features

- ✓ Fully engineered heavy duty structural Skid base
- ✓ Rapid deployment procedure on site with little installation required
- ✓ All electronics in equipment housing on-board
- ✓ Easy extension of masts for antennae and GPS
- ✓ Low corrosion and easy to maintain base
- ✓ Transportable skid with 3 lifting possibilities by way of crane, forklift or tilt tray



Options

- Mast up to 15m
- Generator
- DC to DC converter
- Space for DC and equipment
- Fuel Tanks
- 1500 Watt inverter to change power source charge
- Solar & Satellite options
- Cabinets



ICS Bundled Solutions

With over 6000 specialist buildings supplied for telecommunication, mining, railway, switch rooms, fibre networks, remote monitoring, emergency services and more, all purpose designed and built by ICS.



Consultation



Design



Prototype & Engineer



Manufacture



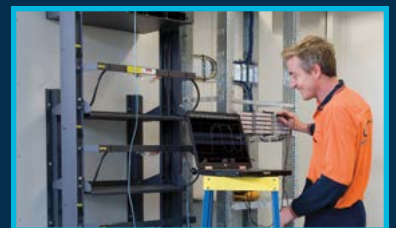
Construct



Assemble



Fit-out & Installation



QA & Testing



Delivery



Deployment

“ Our vision is to be the recognised Shelter Specialist, providing equipment enclosures, associated products and solutions with professional engineering and field services Australia wide and into selected international markets.”

Additional Services and Support

Our Services Division can provide total care and support for your Rapid Deployment fleet including:

- Site design, civil & electrical engineering
- Deployment, integration and decommissioning services
- Fleet management, including warehousing and logistics
- Planned & emergency services, maintenance & upgrade works

At ICS, we undertake a consultative approach towards your project. Whether you require one or all of our services offered, we can provide you with cost effective solutions to deliver consistent results.

Contact us today



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