



# BALCONI TRACKER

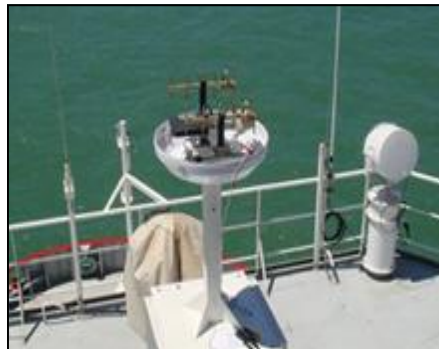
## AFFORDABLE OFFSHORE CONNECTIVITY

INCREASES THE RANGE OF MOBILE NETWORKS BY UP TO **150 KMS\*** OFFSHORE

DATA COST **95% LESS**  
SPEED **112x FASTER**  
THAN SATELLITE

INDUSTRY AWARD WINNING

16th WAITTA  
Winner 2006 - Innovation



- ◆ The multi-award winning BALCONI TRACKER is a world-first, using ground-breaking technology to increase the range of mobile phone networks.
- ◆ In the past, working offshore or in remote areas meant little or no communications unless very expensive satellite-based systems were used.
- ◆ The BALCONI TRACKER minimizes black-spots by maximizing the range of the existing mobile networks by up to 150 kilometers out to sea or on dry land, enabling users to keep in touch by phone, fax and the internet at normal mobile phone prices.
- ◆ The BALCONI TRACKER is already being used successfully at sea on-board NSW Water Police vessel 'Nemesis' and offshore support vessel 'Lady Grace'.

### BALCONI TELECOMMUNICATIONS SOLUTIONS

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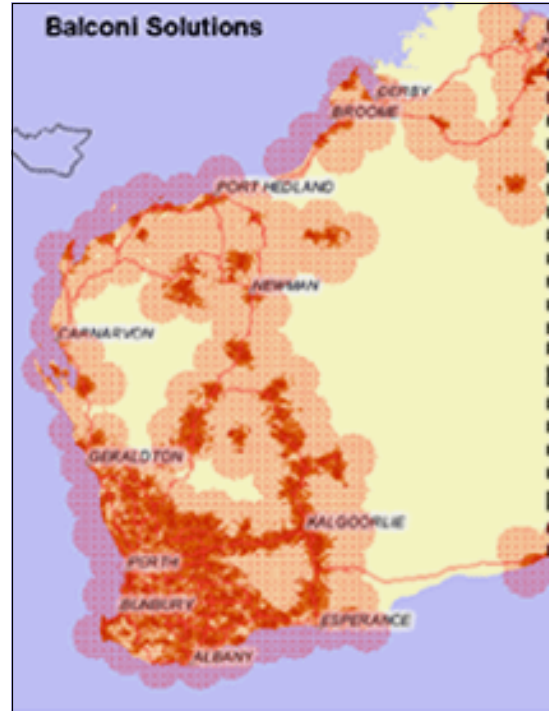
[www.balconi.com.au](http://www.balconi.com.au)



\*Dependent on vessel and Telstra tower configuration

# BALCONI TRACKER COVERAGE

The BALCONI Tracker can be fitted to a vessel or the roof rack of any car for mobility, and fixed to a rig, building or trailer if a more permanent solution is needed.



Tracker coverage is based on Telstra's existing coverage maps. Actual Tracker coverage may vary depending on local conditions.

## USED ACROSS INDUSTRY



**OFFSHORE** - The Tracker reduces isolation for offshore workers on vessels and rigs by enabling them to keep in touch with family and friends at affordable rates



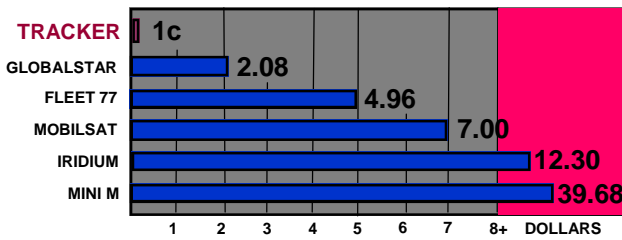
**EMERGENCY SERVICES** - The Tracker provides instant, secure and reliable connectivity for police, fire fighters and SES teams during disasters in remote areas



**REMOTE HEALTHCARE** - The Tracker reduces lengthy diagnosis delays for patients, and improves the safety of isolated health workers by enabling them to have reliable communications.

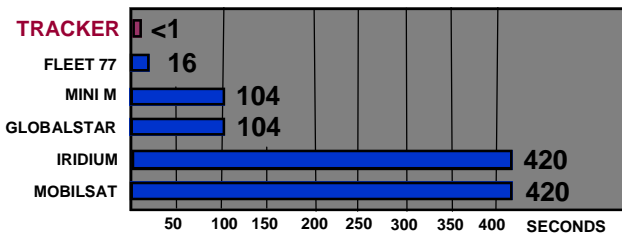
# COMPARED WITH OTHER SYSTEMS

## 1MB DATA DOWNLOAD Cost



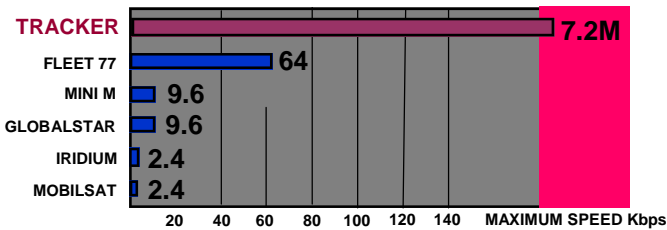
To run a business efficiently connectivity is paramount. Now your remote facility becomes part of your office network. No need to be concerned with restricting file downloads and using only simple text. Now an HTML connection is fast and affordable. You could pay 500 times more with other systems.

## 1MB DATA DOWNLOAD Time taken



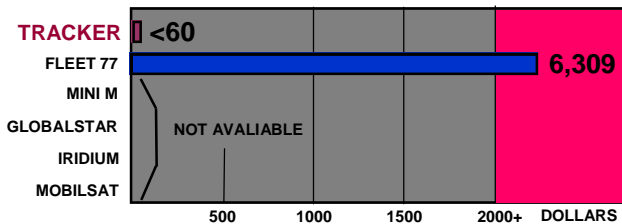
The fast data rate of Mobile networks means files are downloaded at broadband rates in seconds rather than minutes.

## DATA DOWNLOAD Speed



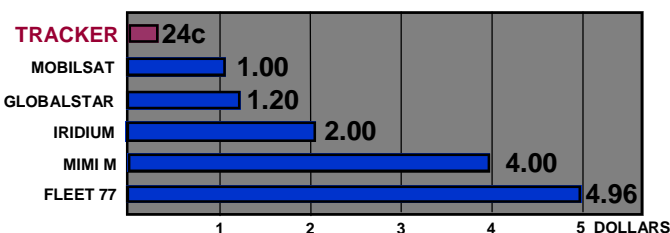
The direct maximum speed comparisons show how fast the Mobile networks are. Near Future changes will have speeds **increased to 40Mbps!**

## LIVE VIDEO 8 HOUR Cost



If a vital piece of machinery is faulty you can send live video images anywhere worldwide and send and receive vital information without a cost burden. For example, if a crew member is injured, live video images can be sent to medical support staff worldwide to provide life saving measures until help arrives.

## VOICE CALLS Cost per min



You take advantage of all the low cost mobile phone plans available with calls as low as 24 cents per minute. You could pay 20 times more with other systems.

Tracker information is based on existing Telstra plans which may change without notice. Globalstar information is taken from the Globalstar website at [www.globalstar.com.au](http://www.globalstar.com.au). Fleet 77, Mini M and Iridium information is taken from the Xantic website at [www.xantic.net](http://www.xantic.net). Optus MobilSat information is taken from the Optus website at [optusbusiness.com.au](http://optusbusiness.com.au).

# Balconi Tracker Configuration



**EXTERNAL EQUIPMENT**

**INTERNAL EQUIPMENT**

Phone/Fax



PABX



**VOICE**



Laptop/PC



Network/VOIP/Webcam

**DATA**

## Specifications

<b>Antenna</b>	TWIN 6 element Yagis	<b>Stabilisation</b>	2-axis closed loop
<b>Weight</b>	11 Kg	<b>Position Reference</b>	In built GPS
<b>Height</b>	250mm	<b>Heading Reference</b>	In built Gyro
<b>Diameter</b>	700mm	<b>Azimuth Range</b>	360 continuous
<b>Wind Loading</b>	160 Kph	<b>Supply</b>	240VAC Plug Pack 24VDC 3A

Tracker configuration and specifications can change without notice