

# Integrated Mobile Communications Package

Complete voice & data communications in an easy-to-install OEM rack

- ▶ Shipboard and other mobile applications
- ▶ Full featured telephone system and wireless LAN
- ▶ Satellite Modem for Voice and Internet Communications
- ▶ Slide-out shock absorbent rack for serviceability

POWERED BY  
**TRANSip**

## REDCOM BRINGS IT ALL TOGETHER

This integrated package provides all the core equipment you need for use in boats, ships, communications vans, and other mobile applications. Its open equipment rack, mounted on shock-absorbent sliding rails, is simple to install, and allows easy equipment access to reduce your service costs.

## OEM EQUIPMENT RACK

This 19 inch equipment rack is ideal for OEM uses. Its overall dimensions including shock absorbent mounting slides, are 48.3 cm. wide, 66.1 cm. high, and 62.9 cm. deep (19 in. by 26 in. by 24.75 in.). It has 13 standard 1.75 inch high mounting locations. Other sizes are available.

## REDCOM SLICE® 2100™

The REDCOM SLICE 2100 is the heart of the voice communications subsystem. It is available in 2 configurations. One supports 24 traditional phones, 4 ISDN BRI-S phones, and 2 user-configurable T1/E1 digital spans. An alternate configuration supports 22 traditional phones, 4 ISDN BRI-S phones, 2 E&M/SF trunks, 2 GSRD/LSRD trunks, and 2 user-configurable T1/E1 digital spans.

Administrative access to the SLICE 2100 is via 10/100 Ethernet or RS232. It supports DTMF, MF/R1, MF/R2, PRI, and Computer Telephony Integration. It also supports Push-to-Talk (PTT), allowing REDCOM ISDN CommandSets™ with a PTT handset to directly key connected VHF Radios. The SLICE 2100 supports a comprehensive feature set, including sophisticated conferencing and call detail reporting.

## SLICE 2100 POWERED BY TRANSip™

SLICE 2100 incorporates full VoIP capability through REDCOM's TRANSip IP technology suite. SLICE 2100 performs as a compact, standalone Central Office, and supports up to 1,000 IP subscribers (stackable up to 2,000 subscribers) per unit.

## WIRELESS ROUTER

CISCO model 1811W.  
8 10/100 Ethernet wired ports,  
1 uplink port, 50 wireless ports  
(802.11 a/b/g wireless LAN).  
Analog modem backup port.  
100-240VAC 50-60Hz.

## IDIRECT SATELLITE MODEM

iDirect's router/modem provides IP connectivity over "raw" satellite bandwidth. 100-240VAC 50-60Hz.

## POWER SUPPLY

Power supply accepts 85-264VAC 47-63Hz input and provides —48VDC power to REDCOM SLICE.

## REDCOM

Founded in 1978, REDCOM designs and manufactures state-of-the-art telecom switching systems, providing high quality, supremely reliable communications solutions for a global customer base of public and private networks, government and defense networks, and emergency response agencies.

## TYPICAL 13U CONFIGURATION

- Wireless router for data
- REDCOM SLICE® 2100™ phone system
- Area for additional REDCOM SLICE® 2100™
- Satellite modem for voice & data
- Power supply
- 6 U expansion area for VHF radios, etc.
- 2 U drawer for operating manuals
- Shock absorbent slide mounting



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Talk to the communications experts at REDCOM

For more information about how REDCOM can create a reliable solution for you, call us today at +1.585.924.6500, or e-mail [sales@redcom.com](mailto:sales@redcom.com)

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# Integrated Mobile (Marine) Communications Package

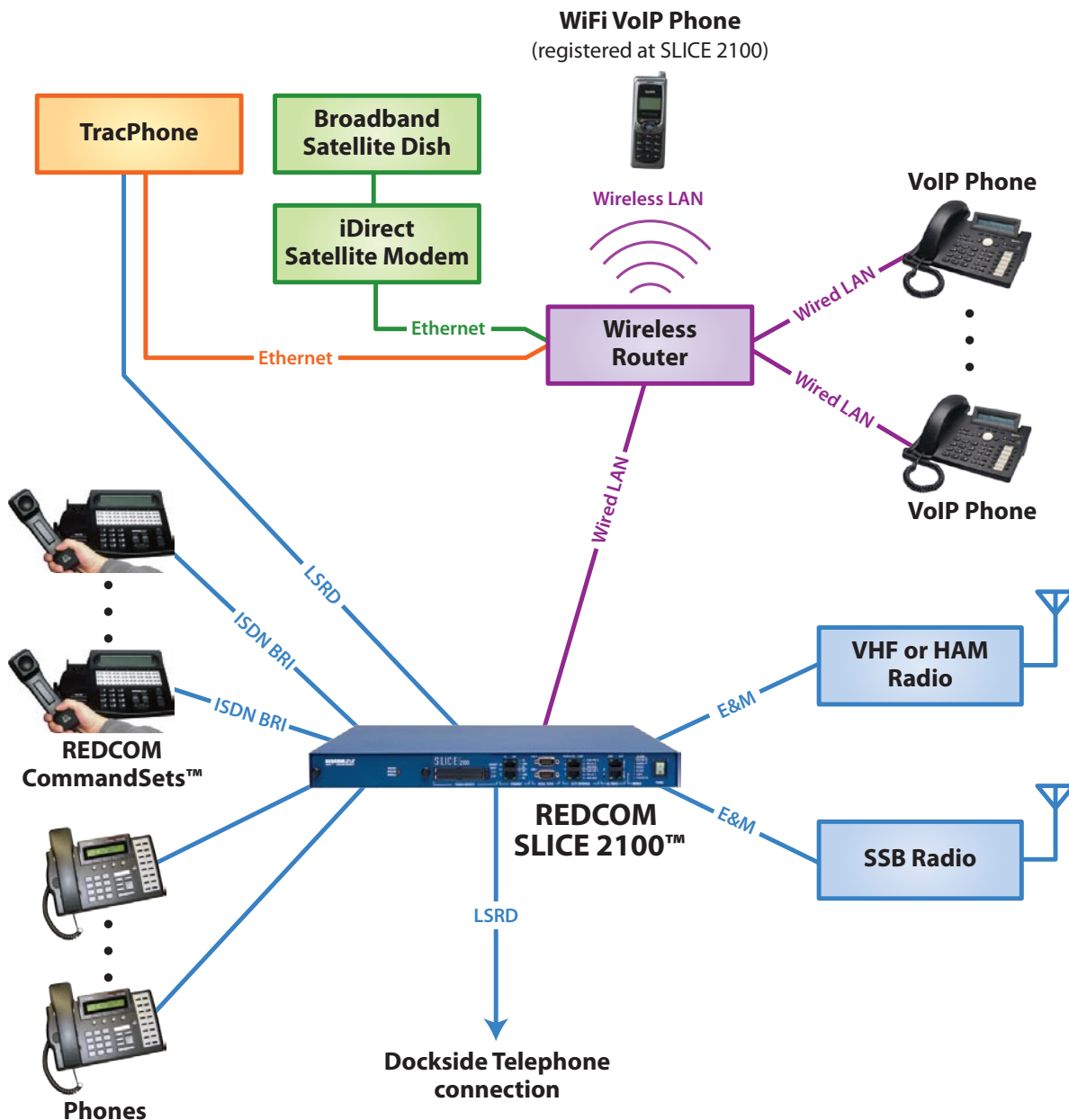
REDCOM can integrate many custom solutions. This representative example is for commercial marine vessels and private yachts.

## PC NETWORKING VIA WIRELESS ROUTER

Onboard PCs share files (maintenance library, music database, etc.) over an onboard high speed wired and wireless network (LAN). A TracPhone provides low speed internet access for all onboard PCs. An optional iDirect satellite modem and broadband satellite dish provide high speed internet access for all onboard PCs.

## TELEPHONE COMMUNICATIONS VIA REDCOM SLICE

Corded and cordless phones access SLICE 2100's complete feature set including conferencing, transfer, callback, and call detail recording. REDCOM's ISDN BRI CommandSet's handset Push-to-Talk (PTT) button keys the transmitter of connected VHF, HAM, or SSB radios. Off-vessel calls use a dock-side phone line while in port; at sea they use a TracPhone satellite connection.



Talk to the communications experts at REDCOM

For more information about how REDCOM can create a reliable solution for you, call us today at +1.585.924.6500, or e-mail [sales@redcom.com](mailto:sales@redcom.com)

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