

Remote Access Management

A complete hardware monitoring and control system for offshore applications.

Designed by Wireless Innovation to ensure maximum service availability and reduced maintenance costs.



Overview

Ensuring availability of communication systems on Offshore Platforms is an issue facing many systems integrators. If a device offshore “locks”, then the cost of an unscheduled visit to reset the communications can be over \$100,000.

The RAMS Solution

Wireless Innovation has addressed the problem by designing a Remote Access Managed System (RAMS) that will connect to the Fleet Broadband (FBB) terminal and provide a monitoring process, which can be automated to gracefully reboot the FBB terminal if required. Should this automated / manual process be unsuccessful then the same system can be used as a diagnostic tool to investigate the problem.

Alleviating nearly all requirements for unscheduled visits.

The Remote Access Managed System (RAMS) is supplied as a complete hardware and service package from Wireless Innovation.

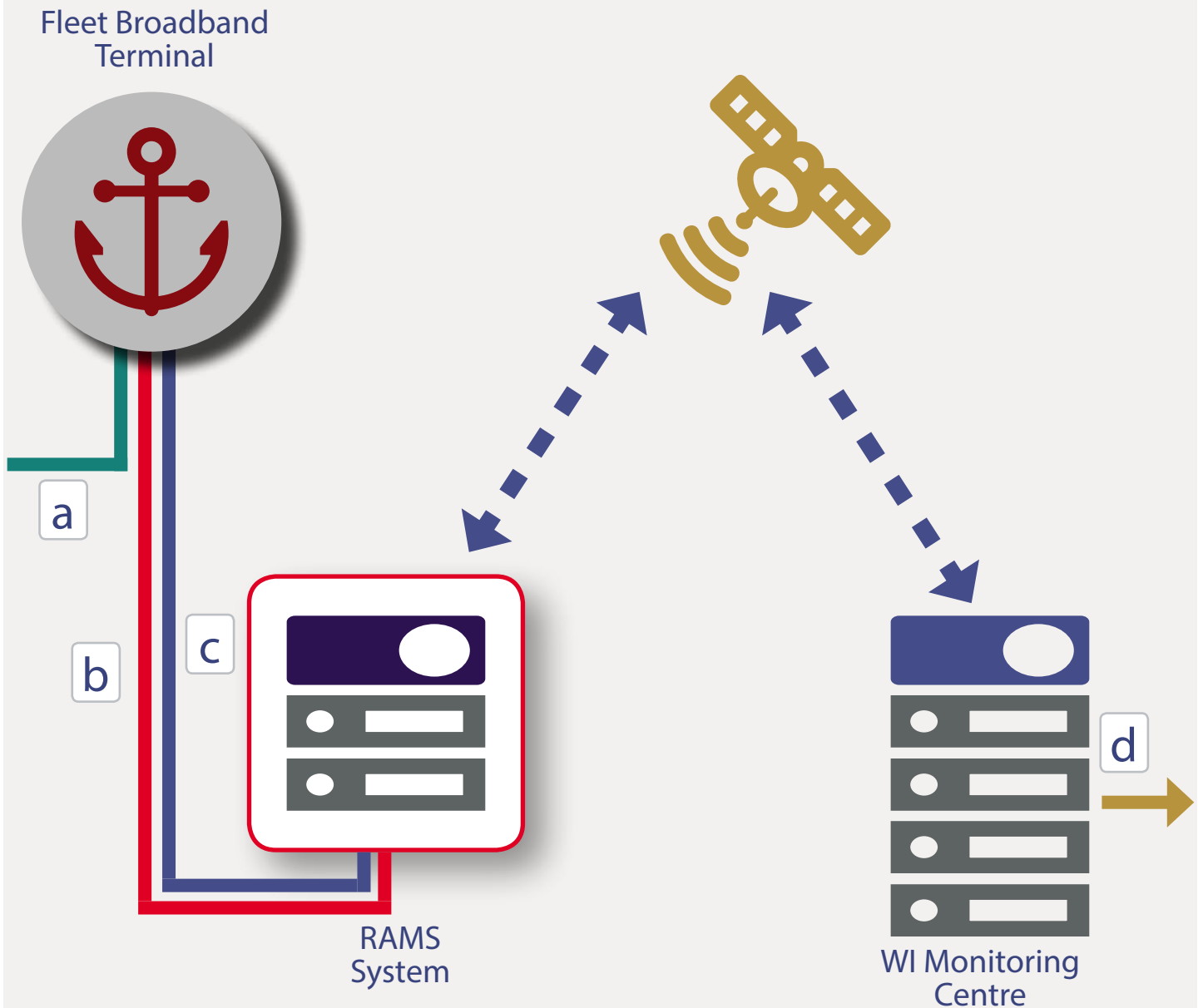
The RAMS is a hardware monitoring and control system, with an Iridium based remote communications service. The monitoring system sends a small ping to 3 different IP addresses at user definable intervals.

If the ping is not received back by the RAMS then the control system will then gracefully reboot the FBB terminal, and after an appropriate boot time, resend the test pings. It also sends an alarm via the Iridium remote communications (independently of the FBB terminal) notifying users of the activity. If the FBB terminal continues to fail to transmit and receive the pings generated by the RAMS then a further alarm will be generated allowing the Wireless Innovation support team to connect via the Iridium remote communications and perform remote diagnostics to further attempt to resolve the issue.

Details

Manufacturer:	• Wireless Innovation
Network:	• Iridium
Device Type:	• System
Markets:	• SCADA / Telemetry • Utility • Marine • Renewable • Military

RAMS: How it works



a LAN Connection for logged data

b Ethernet "PING"

c Power Control

d Alarm Notification