Oil & Gas Utility Communications

Service Assured Networking Solutions

Cyber Shield by RAD
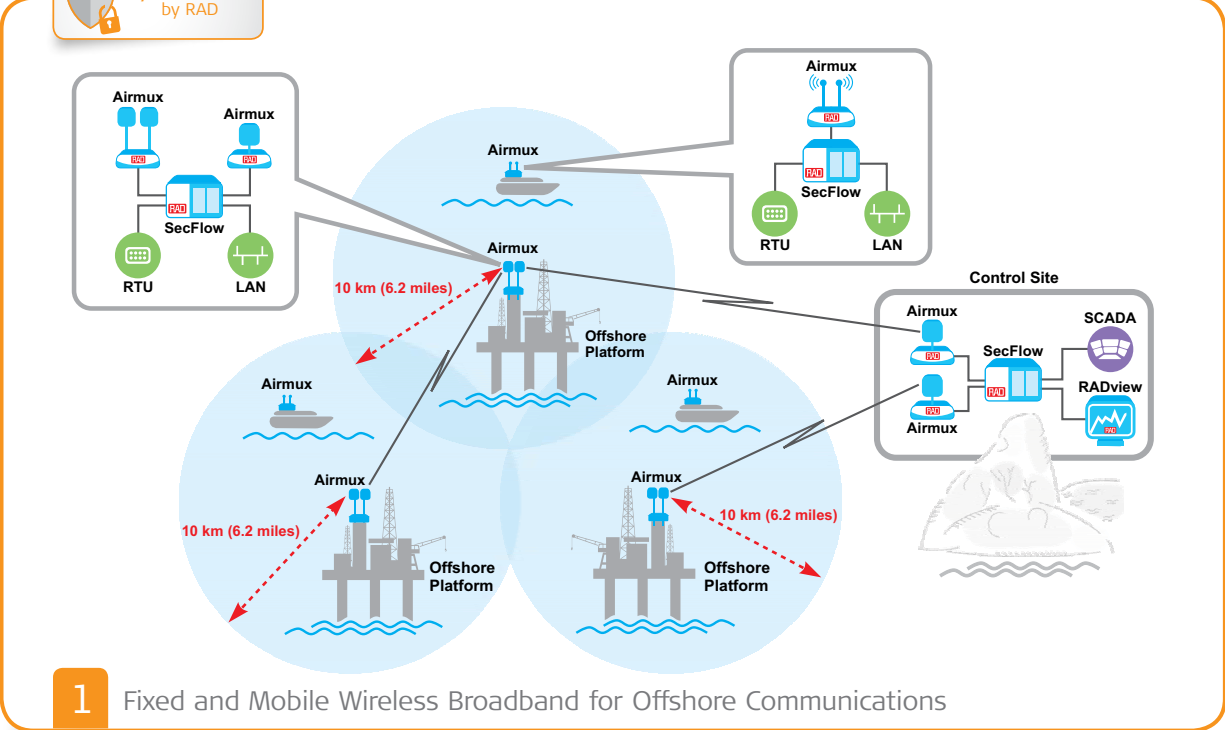
1 Fixed and Mobile Wireless Broadband for Offshore Communications

Your Benefits:

- Supports bi-directional broadband connectivity to deliver real-time video, internet access (WiFi), telemetry, data, and VoIP to supply and service vessels
- Up to 100 Mbps total available throughput per vessel

- 360° mobility coverage across a range of up to 10 km (6.2 miles)
- Seamless handover between base stations for non-stop communications

- Advanced QoS mechanisms, encryption and guaranteed bandwidth per vessel
- License-free, sub-6 GHz frequencies

Products Included in this Solution:

Airmux-400
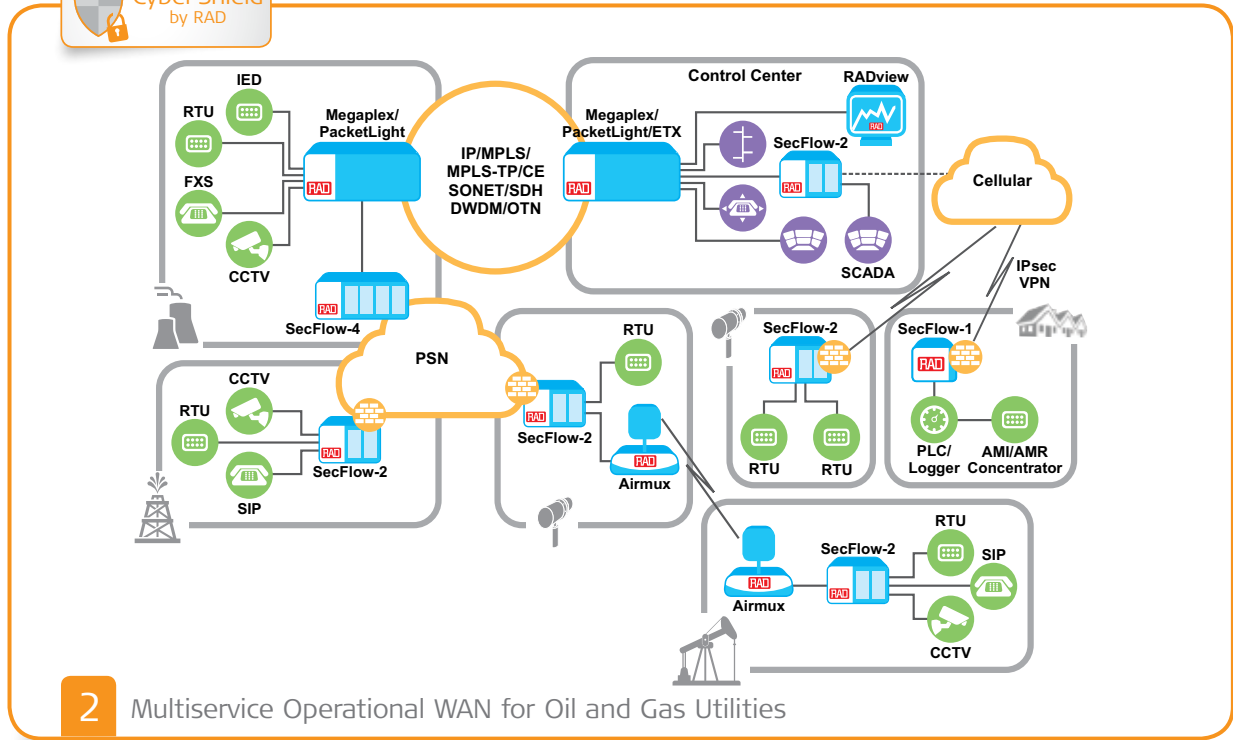Point-to-Point Broadband Wireless Access

Airmux-Mobility
Mobile Wireless Access

SecFlow-2
Ruggedized SCADA-Aware Ethernet Switch/Router

RADview
Management and Domain Orchestration

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2 Multiservice Operational WAN for Oil and Gas Utilities

Your Benefits:

- Cyber-secure SCADA connectivity for compressor stations, storage tanks, LACT and flow meters, cathodic protection, etc.

- Multiservice aggregation for any transport network, including SDH/SONET, IP/MPLS, MPLS-TP, CE and OTN/DWDM

- Complies with environmental standards for outdoor installation in harsh conditions

- Supports any available media and connectivity option, including fiber, radio, 3G/4G cellular links, or leased lines from a local telco

- Distributed SCADA security suite with integrated firewall and encryption

- Point–to-point and point-to-multipoint radio system supports up to 250 Mbps over sub-6 GHz bands, with dedicated bandwidth allocation per site and service reach of up to 120 km (74.5 miles)

- Supports all communication needs, including SCADA protocols, voice and new packet services (CCTV, VoIP, etc.)

Products Included in this Solution:

Megaplex
Next-Generation Multiservice Networking Nodes

PacketLight
Complete Solutions for WDM/OTN and Dark Fiber Applications

SecFlow-2
Ruggedized SCADA-Aware Ethernet Switch/Router

RADview
Management and Domain Orchestration

RAD
Your Network's Edge

www.rad.com

PulseSupply
pulsesupply.com