

Remote Monitoring and Surveillance

Reliability to the Extreme™

Harris CapRock provides continuous real-time monitoring and surveillance at remote sites. Designed as a compact, self-contained solution, the service utilizes both satellite and wireless technologies to deliver a highly reliable and secure service over a dedicated network.



BENEFITS

- > Improves safety and security measures
- > Saves time with quick setup and deployment
- > Provides flexibility with compact and portable antenna design
- > Reduces costs of satellite air-time versus mobile satellite services

Solution Overview

Compact, self-contained, auto-acquire VSAT system

Based on satellite and wireless technologies

Seamless integration with existing sensors and infrastructure

Short or long-term service agreements for fixed monthly fee

24/7 Harris CapRock CSC support

VSAT Technical Specifications

Antenna size	45cm
Antenna weight	8 kg
Coverage	Regional and global
VSAT band	C
Nominal data rates	4.8kbps

Supports Monitoring and Surveillance for

Remote production wells	Production facilities
Pipelines	Refineries
FPSOs	Production operations centers

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AT-A-GLANCE FEATURES

VSAT

- > Spread spectrum C-band coverage
- > Supports 100+ terminals
- > Flexible implementation: poll/burst size, poll/burst

WIRELESS

- > Self-healing and fault-tolerant wireless network
- > Private coding scheme in sub-Ghz ISM band
- > Ultra-low power usage

NETWORK

