Out-of-Band Management
Remotely manage and maintain network connectivity

The challenge
Maintaining high availability of applications running at remote offshore locations presents a number of challenges for operational staff. Retaining control of your communications if a connection is disrupted helps to avoid expensive technician repairs or costly downtime for critical applications.

The requirement
Oil and Gas companies with remote operations want to maintain network connectivity and reduce the cost and complexity of managing and supporting VSAT satellite deployments.

The solution
Out-of-Band Management from Inmarsat uses Uplogix technology to remotely monitor, manage, and restore operations for traditional IP-Networking and satellite equipment at the remote site when the primary network link is down. Uplogix Automated Remote Manager can proactively diagnose and correct communications failures.

Benefits
- Increase operational availability for critical applications
- Reduced site visits with immediate diagnoses and repairs through intelligent automation
- Reduce time and costs for satellite network maintenance, support, and recovery
- Enhance SLAs; proactively finds and fixes problems before network performance is impacted
- Improved security and compliance

Key features
- Remote visibility and access to deployed gear for improved troubleshooting.
- Ability to restore power to non-responsive remote devices and to execute more complex recovery actions requiring a power cycle.
- Continuous data monitoring and management control even during outages of primary link.

How it works
Out-of-Band Management terminals are deployed at customer VSAT sites and connected over the console port to managed network devices. When the primary VSAT service is unavailable, Uplogix works over a variety of out-of-band networks including:
- Inmarsat FleetBroadband (L-band)
- Iridium

Control Centre
The Uplogix Control Centre delivers real-time monitoring and management capabilities providing a current view of what's occurring at your remote locations. Inmarsat's Network Operations Center (NOC) will monitor and report on event, alarm, device statistics, and the operational status of your Uplogix appliances across the network.

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Out-of-Band Management

Hardware
Two appliances are available:
- Uplogix 430 4 port appliance
- Uplogix 3200 8 port appliance

Both Uplogix appliances are compatible with the Iridium Hawk, and Inmarsat’s FleetBroadband terminals.

Uplogix 430 4 port appliance

Uplogix 3200 8 port appliance

About Inmarsat Broadband Services
VSAT (Ku- and C-band)
Inmarsat global VSAT portfolio includes Ku- and C-band satellite services. Fully-scalable, it can give you anything from 64kbps to 4Mbps, simply select the level of service that’s right for your organisation.

FleetBroadband (L-band)
Inmarsat’s FleetBroadband service provides global coverage and 99.9% availability, with scalable performance options to suit different operational needs.

About Uplogix
Uplogix is the first and only Localized Management Platform. Uplogix brings a variety of specialized features for both fixed (autoacquire) antennas, and stabilized antennas. Uplogix will ensure network uptime and lower support costs by providing:
- Secure and persistent access to remote devices
- Automated device control and recovery.

How to buy
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