

Uplogix provides the first fully integrated local management solution, putting the power of your most trusted IT administrator everywhere, all the time.



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Iridium is a development partner providing Uplogix appliances with an out-of-band connection to ensure management access to remote networks anywhere, anytime.

About Iridium



Iridium is the only provider of truly global satellite voice and data communications solutions with complete coverage of the entire Earth including oceans, airways and even Polar Regions. Iridium delivers reliable, secure, real-time, mission-critical communications services to and from areas where landlines and terrestrial-based wireless services are either unavailable or unreliable. Iridium's constellation consists of 66 low-earth orbiting (LEO), cross-linked satellites operating as a fully meshed network and supported by multiple in-orbit spares. It is the largest commercial satellite constellation in the world.

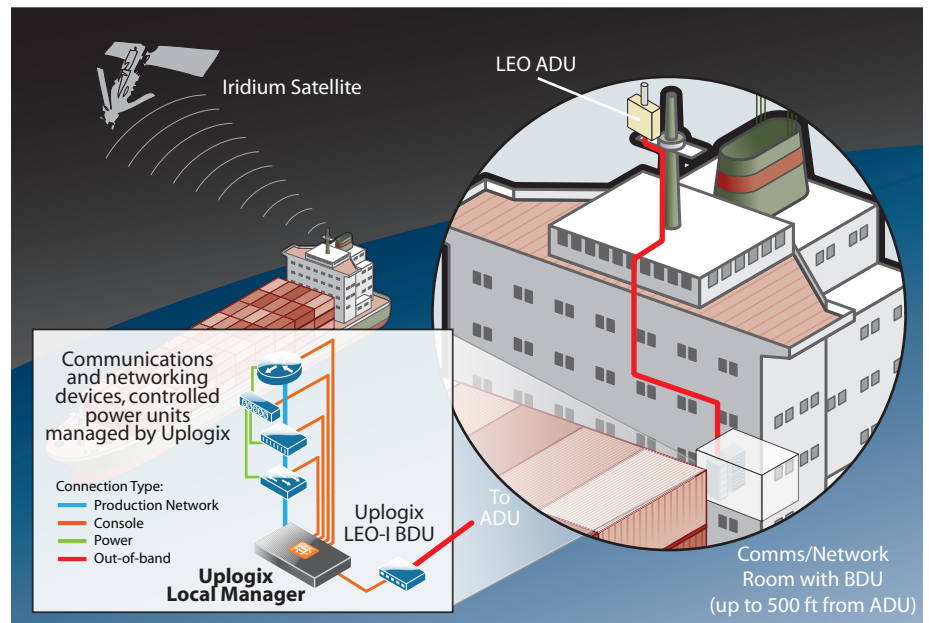
For more information, visit www.iridium.com.

Get the Best Signal Possible for Your Iridium Satellite Out-of-Band Connection

Uplogix Local Managers (LMs) utilize the reliability of the Iridium system of low-earth orbiting (LEO) satellites to provide out-of-band (OOB) connectivity to remote networks. With Iridium's coverage of the entire Earth, including oceans and the poles, Uplogix Local Management can deploy anywhere, providing constant connectivity and the power of the most trusted IT admin everywhere, all the time.

To ensure the best Iridium signal for OOB, Uplogix developed the Uplogix LEO-I kit. The LEO kit makes it possible to place an Iridium antenna and modem at an optimal location for a clean, strong signal – up to 500 feet from the networking gear and Uplogix LM that it is supporting.

The kit consists of two components: an above deck unit (ADU) and a below deck unit (BDU). The ADU integrates a GPS, Iridium modem and antenna in a weatherproof IP67-rated housing. Also in the ADU is an RS422 converter that transmits over standard Cat5 cable to the BDU. The BDU has connections for power and a port adapter to connect as the OOB modem for Uplogix.



Iridium communications rely on line-of-sight with one of the 66 LEO satellites, so antenna placement is critical. Also important is a clear signal between antenna and the Iridium modem, which Uplogix achieved by minimizing the distance between them through the integration in the ADU. In this illustration of a maritime deployment, the ADU is placed at a location with maximum view of the sky and limited obstructions. Other uses of the Uplogix LEO kit include locations where buildings or terrain might impede clear view of the Iridium constellation of satellites.

Uplogix Makes VSAT Networks Stronger

Uplogix offers a new approach to reducing the cost and complexity of supporting satellite network environments. Uplogix Local Managers enable operators to remotely monitor and control both satellite and terrestrial-based network equipment. The appliances co-locate and connect serially with network and satellite communications equipment to provide non-stop local management and control.

Uplogix LMs automate numerous network support, maintenance, configuration and recovery procedures—reducing the time, cost and error associated with manual support. Uplogix' automated capabilities include:

- ▶ Detecting and correctly diagnosing equipment and communications failures
- ▶ Executing pre-defined, best-practice recovery procedures
- ▶ Provisioning and re-provisioning services
- ▶ Configuring devices via remote administration
- ▶ Measuring and managing remote network service levels from an end-user's perspective enables enterprises to more quickly diagnose issues and resolve them, before they impact business operations.

Case Study: A Reliable Remote Management Solution

Uplogix Local Managers serve as an on-site, virtual network assistants and are deployed at teleport and POP locations to manage internal infrastructure. LMs are also deployed at end-customer locations to automate problem diagnosis and recovery, perform routine network maintenance and configuration, and ensure network availability, even when the primary connection is down.

If a remote location's main broadband satellite link goes down due to misconfiguration or other unforeseen circumstances, the collocated Uplogix LM automatically dials out to an Iridium satellite via an integrated external modem to re-establish an alternate, out-of-band network connection to ensure constant management connectivity and availability.

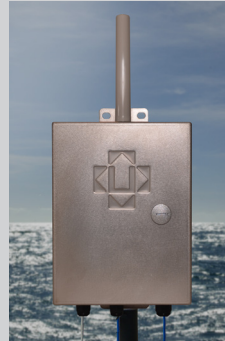
“Uplogix is making it possible to double our growth annually, while maintaining the same level of IT staff. We can economically scale our business and provide our customers with more robust systems, without flying people all over the world.”



UPLOGIX LEO-I KIT SPECIFICATIONS

Above Deck Unit (ADU)

- ▶ Size:
 - Width: 8 3/8"
 - Height: 19 3/8" (including antenna)
 - Depth: 3 3/4"
- ▶ Connections:
 - Iridium Signal (RS422)
 - Optional GPS Signal (RS422)
 - Optional Handset Connector Power (from BDU)



- ▶ Case:
 - Stainless Steel
 - IP67 Waterproof connectors

Below Deck Unit (BDU)

- ▶ Case Size:
 - Width: 5 7/8"
 - Height: 1 3/4"
 - Depth: 4 7/8"
- ▶ Connections:
 - Iridium Signal (RS422)
 - Optional GPS Signal (In/Out)
 - OOB Modem (RS232)
 - Power- AC - 24 VDC



ABOUT UPLOGIX // Uplogix provides the industry's first local management solution. Our co-located management platform automates routine administration, maintenance and recovery tasks—securely and regardless of network availability. In comparison, traditional network and systems management depends on the network, uses multiple tools, and remains labor intensive. Uplogix puts the power of your most trusted IT administrator everywhere, all the time.

Uplogix is privately held and headquartered in Austin, Texas. For more information, please visit www.uplogix.com.