

**Uplogix is the
most evolved
out-of-band solution
on the market**



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The Uplogix 500 is a compact Local Manager designed for enterprises needing to remotely monitor, manage and control six or fewer devices including a managed power supply at any distributed location.

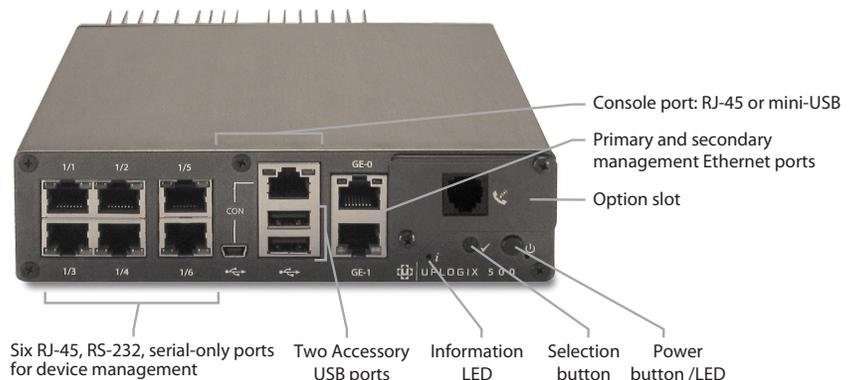
Key Benefits:

- ▶ **Affordable** | Cost-effective means to deploy local management in a high volume environment, and provides an entry point into the Uplogix platform
- ▶ **Compact** | Smaller version of the Uplogix 5000 Local Manager is well-suited for deployments that have physical space limitations, or in non-racked environments
- ▶ **Integrated** | Comprehensive integrated functionality that eliminates the dependency on more expensive point solutions
- ▶ **Resilient** | If the primary network link goes down, Uplogix can fail-over site traffic to the out-of-band connection.

Compact & Affordable Local Management

Uplogix local management solutions can automate a majority of the routine maintenance and recovery tasks of an IT admin, but faster, error-free and at a fraction of the cost. Uplogix reduces management complexity by delivering integrated, remote management solutions to provide secure remote access and local, in-depth monitoring, as well as configuration, fault and service level management.

Uplogix 500 Up Close



The Uplogix 500 provides persistent connectivity to managed devices through both in-band and out-of-band channels—monitoring devices locally, performing maintenance or recovery tasks as needed, and constantly enforcing security policies regardless of the state of the network.

Unparalleled management control is possible by interfacing directly through the console port of the devices it manages. This connection enables always-on, localized, round-the-clock management for your IT infrastructure. With integrated functionality for access, control and enforcement, the Uplogix 500 can automate as much as 70% of routine network maintenance functions and autonomously address the majority of issues that cause network-related outages. Problems that today might require IT staff on-site physically to resolve are detected by the Uplogix 500 in seconds, and fixed in minutes.

The intelligence powering the Uplogix 500 is the Uplogix Local Management Software (LMS), which is available in both Advanced and Standard versions. With Advanced LMS, the Uplogix 500 adds the ability to perform service level verification (SLV). SLV uses synthetic transactions to locally monitor, measure and manage the performance of critical network services and applications from the end-user's perspective including TCP/IP communications, web-based transactions and voice over IP telephony.

Key Remote Management Features and Capabilities

Feature	Capability
Access	
Heterogeneous Device Access	Secure remote access and native support for any console-managed device
Secure Remote Access	Provides access via Secure Shell (SSHv2), integrates with remote authentication and accounting such as TACACS and Radius. Supports additional security features such as source address (IP and caller ID) filtering
Out-of-Band Connectivity with Network Failover	Options for POTS lines, cellular modems, fiber, DSL, and satellite. Supports dial-in/ PPP dial-out (with VPN support) via optional embedded, Iridium or GlobalStar modems. Out-of-band connection can be used for primary network failover. Customizable rules can change device configurations during failover and return to previous config when the primary network is available again.
In-depth Device Monitoring	Leverage serial connection to managed device to collect data, either in-band or out-of-band, on hundreds of performance variables every 5 to 30 seconds
Control	
Heterogeneous Device Management	Advanced driver support for remotely managing Cisco, Nortel, 3COM, Juniper, Alcatel, NetScreen, and Tasman routers, switches, and firewalls; TippingPoint intrusion prevention systems (IPS); Garmin GPS devices; Comtech, ND SatCom, and iDirect satellite modems; Iridium and GlobalStar external modems; Solaris, Linux and Windows servers (console port); APC, ServerTech, and Baytech power controllers
Robust Automation	Provides automation of routine management tasks through rule-based engine. Includes diagnosis of non-standard operational state based on configurable thresholds, and execution of recovery procedure to restore normal operational state. Can be used to restore a last known good configuration, diagnose and correct failures across multiple devices, and notify IT staff of the problem and recovery action taken.
Proactive Maintenance	Supports OS upgrade with verification and locally archives OS images with full rollback support. Power-On-Self-Test (POST) data and diagnosis data (e.g. – Cisco “show tech”). Enables password recovery for certain devices through combination of device boot and power management procedures
Remote Power Management	Monitors power utilization and controls power to remotely restart a managed device
Device Recovery with SurgicalRollback™	If a configuration change fails, immediately rolls the device back to the last known good configuration; supports full commit and rollback operations
Real-Time Log Inspection & Management	Collects and inspects device console data in real-time; Sends alarm or takes predefined recovery action based specific log messages to shorten MTTR
Service Level Verification	Uses synthetic transactions to regularly collect network- and application-specific performance data. Uplogix LMs locally correlate service-level data with infrastructure performance data to triangulate, pinpoint and correct service-related problems
Enforce	
FIPS 140-2 Level 2	The Uplogix solution is certified by NIST to the FIPS 140-2 Level 2 standard
Session Management	Automates session management to prevent unauthorized access
Granular Authorization	Ensures the right users have the right access by enforcing role-based, command-level authorization
Complete Logging	Audits all user access, device changes, and session activity for compliance

SYSTEM SPECIFICATIONS

System

- ▶ Network interfaces: Supports up to 6 network devices (including a managed power supply) via serial (RS-232)
- ▶ Management interfaces: Two 10/100/1000 BaseT Ethernet interfaces (with failover support) and one RS-232 console port
- ▶ On-board storage: 30GB SSD with available 256-bit AES compliant data encryption
- ▶ Peripheral connectivity: One RS232 power management port, one RJ-11 modem port, and two USB ports
- ▶ One mezzanine option slot (RS232; V.92, cellular, and fiber cards available)

Dimensions and Weight

- ▶ Height, Width, Depth: 43 mm (1.7 in.) x 165 mm (6.5 in.) x 134 mm (5.25 in.); 1 rack unit (1RU)
- ▶ Weight: 1.2 kg (1.7 lbs.)

Operating Environment

- ▶ Power Supply: External universal power adapter (100-240 VAC, 50/60 Hz, included) 20W (68.24 BTU)
- ▶ Operating: 0° C to 45° C (32° F to 113° F) at mean sea level, 20% to 80% relative humidity, non-condensing
- ▶ Non-operating: -30° C to 60° C (-22° F to 140° F) at mean sea level, 90% relative humidity, non-condensing

Regulatory

- ▶ Emissions: FCC class A, CE, TUV
- ▶ RoHS Compliant



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.