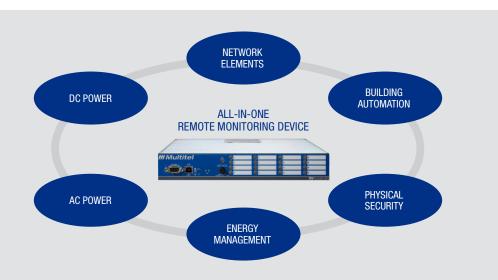
Multitel

THE ONLY ALL-IN-ONE REMOTE TELEMETRY UNIT YOU'LL EVER NEED.

Do you lack the visibility of your critical remote-sites or facilities? Are you looking to gain quick access to real-time information that can help you make better decisions regarding your critical assets, such as your batteries, HVACs and generators? Are you struggling with skyrocketing costs due to repetitive trucks rolls and maintenance, associated HR expenses and equipment damage that are deeply impacting your bottom line?

Then, you need to take a look at FUSION.



FUSION's comprehensive monitoring capabilities enable you to make proactive decisions for your most important assets.

Multitel's FUSION is an affordable, all-in-one remote telemetry unit that centralizes your alarms so that you can prevent profit-gouging downtimes and unmanageable OPEX increases. FUSION eliminates the need for multiple RTUs and other monitoring devices.



Based on **industry standards and protocols**, FUSION ensures **heightened security and compliance**. It easily integrates into your existing management tools, software platforms and infrastructure.



FUSION delivers fast, easy and accurate access to **real-time HMI-based dashboards and KPIs**. Get deep insight into your **PUE** and **state of health (SOH)**.

BENEFITS

COST-EFFECTIVE

FUSION is an all-in-one solution that provides access to your alarms, power, buildings, and more. Our solution is the gateway to any monitoring device you need.

EASY TO USE

Thanks to its intuitive interface and connectivity with most of your existing solutions and devices, users of all levels can benefit from FUSION's HMI real-time data with absolutely no learning curves.

SECURE

FUSION is compatible with the following security standards: SNMPv3, RADIUS, HTTPS, SSH and much more.

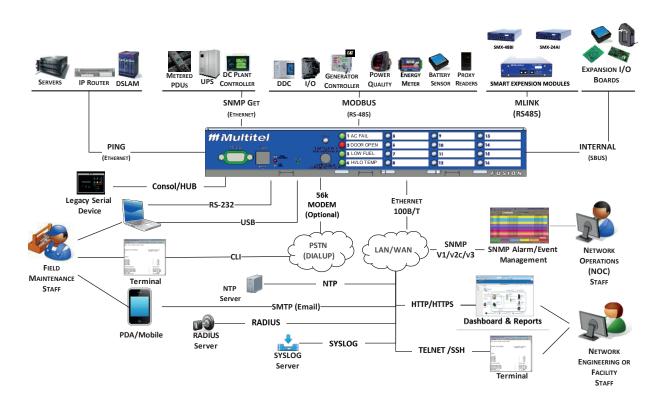
SEAMLESS CONNECTIVITY

FUSION is compliant with multiple Modbus and SNMP protocols and integrates with FIRM Suite[™], IBM's NetCool[™], HPoV[™], Kaseya[™], Cacti[™], WhatsUpGold[™].

SCALABLE

Add input channels at any time to evolve your monitoring solution as your business grows.

SMART, RELIABLE, FLEXIBLE AND IT SECURE MONITORING TOOLS



Acquiring FUSION is more cost-effective than maintaining your legacy infrastructure.

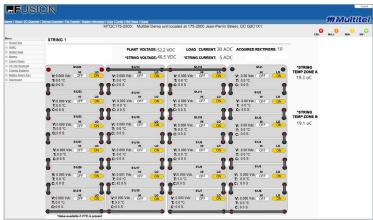
Building Monitoring and Control System



AC/DC Distribution Branch Circuit Monitoring



Battery Monitoring System



KEY MARKET SECTORS



TELECOMMUNICATIONS



POWER UTILITIES



RAILWAYS



CATV/BROADBAND

MONITORING AND CONTROL CAPABILITIES

GENERAL SPECIFICATIONS

Flexible power supply

-40 to -60Vdc (A & B feed) 7,2 watts (120Vac is Optional)

Extended operating temperature range

-40 °C to 65 °C (-40 °F to 150 °F)

Dimension*

4.45 cm X 27.9 cm X 26.6 cm (1.75 in. X 11 in. X 10.5 in.)

Weight

2.7 kg (6 lb)

EXPANSION I/O MODULES

Analog Inputs

Up to 11 channels (0-60Vdc, 0-10Vdc, 50mV, AC Volts, AC Current, Temperature, Humidity
Binary Inputs

Up to 64 channels referenced

Binary Outputs

MODBUS Modules

Up to 64 modules

Intelligent I/O Expansion

18 analog channels - ANALOG Card, 48 binary input channels - SMX-48BI MODULE (Modbus), 32 relay channels - OUTPUT Card

MODBUS I/O Expansion

Performed by a distributed architecture of up to 30 Intelligent I/O cards and/or up to 64 ModBus modules

COMMUNICATION / NETWORK INTEGRATION

Front Panel Display (Optional)	16 DELs 3 colors including audible alarm
Serial Ports	2 RS-232 ports and 2 RS-485 ports(115kbps max) Console (Hub) mode is supported
USB	Yes
Modem (Optional)	56 kbps
Integrated Ethernet	Auto MDIX; 10/100 Mbit and 10 simultaneous users
Serial Protocols	MODBUS, TL1 (partial), Intelligent ASCII messaging, ISNMS, MLINK
IP Protocols	HTTP, HTTPS, SNMP v1/v2c/v3, SMTP (email), TELNET, SSH, SNMP Get, PING, RADIUS, SYSLOG, NTP
Languages	English and French

EMBEDDED SOFTWARE

File Transfer simple and user-friendly	Source code, statistics, historic, HMI views and configuration
Daily statistics recordings (Daily)	High, Low, Delta & Average for the last 32 days for all real and derived channels
Detailed data recordings (Trending)	10 files of each 25 channels and 2000 samples each
Histogram data recording (Histo)	10 Histogram files, 1 to 58 Bins
History data recordings (Events)	HISTORY file = 80 000 logs, 8000 protected; HISTLOG = 50; SYSLOG = 200
Derived channels	Up to 2048 Arithmetic; Binary Manuals; Chronometers; Watt-hour integration; Constants; Thresholds (Setpoints); Programmable Delays; Lookup Tables; Time Set Points; Groups (Automation); Schedules; Duty Cycle/Average and Battery Reserve Estimation (BRES) channels; 32 Programmable Views; 32 Callouts; 8 PID; 4 Lead/Lag.
HMI Graphics (optional)	Up to 10 MI view files (depending on the graphic file size)

WHY CHOOSE MULTITEL?

Multitel has over four decades of expertise and a long-standing, proven track record in providing robust, accurate and versatile solutions for NorthAmerican telecom, power utilities, railways and CATV operators that need real-time visibility of their critical sites.

Our company is synonymous with unmatched customer service market responsiveness, on-time delivery and a proximity with clients that is second to noneThroughout each project, we work with our clients to identify their unique needs and challenges and offer pragmatic solutions attuned to their realities and goals. Easy to do business with, Multitel delivers, time and time again.

With Multitel, customer satisfaction comes standard.

Multitel

2500 Jean-Perrin Street Suite 175 Quebec (QC) G2C 1X1 Tel: 418.847.2255 Toll Free: 1.888.685.8483 info@multitel.com

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Take advantage of the power and performance of our all-in-one remote telemetry units.

Contact us today: **multitel.com**