

From local metering to multisite monitoring solutions or an embedded solution for Data Aggregation & Management VMU-Y & POWERLINK.

## BOTH VMU-Y & POWERLINK

- Same interface and user functions as each other
- Historical data analysis tools
- Graphical monitoring features
- Comprehensive data exporting tools (standard XLS format)



### THE INNOVATION GOES FURTHER...

- A data aggregation server for distributed installations
- A powerful data management software solution for small to medium size installations
- A 2-DIN rail mounting unit for room-saving architectures built on top of VMU-C

## POWERLINK SERVER

- > Integrated Site MAP location
- > Hierarchical tree to navigate data with ease
- > Movable and resizable views fitting the needs of a control room
- > Alarms tool

## FEATURES

- > Historical data analysis tools
- > Graphical monitoring features
- > Comprehensive data exporting tools (standard XLS format)
- > Load Profile tool
- > Alarm Management tool
- > Database Exporting tool
- > Cost Analysis tool
- > Commands tool
- > User Rights Management
- > Customer logo upload allowed
- > Software update tool
- > Virtual instrument configuration tool

## Product Description

- Internal Data storage up to 20 yrs with a 32 GB memory
- Automatic data back-up to SD or USB
- Two multi-purpose USB 2.0 ports
- One Ethernet port
- VMU-W integration (for Web-Server only)

**VMUC-EM is a webserver solution for any energy management solution - providing information online so the data is available wherever you are.**

**VMUC-EM GATHERS DATA FROM:**

- Energy meters
- Power analysers
- VMU Series input/output modules
- Data available online so you can access it wherever you need it

**VMUC ADVANCED PROVIDES:**

- Incorporates additional software to allow advanced analysis & reporting capabilities



**FEATURES**

- > Integrated wired or wireless web-server and web-service solution
  - \_ Micro SD memory
  - \_ Mini USB plug
  - \_ Memory stick
  - \_ Mobile modem
- > Real-time instantaneous variables (all variables)
- > Clear graphic interface detailing Energy consumption trends and power variables
- > Alarms control with automatic e-mailing and SMS management Dual tariff management
- > CSV & HTML Reporting compatible with excel and all other spreadsheets
- > Remote electric plant information access through a flexible and compact integrated solution, specifically developed to complete CG offer of energy meters, power analysers and optional VMU modules
- > Periodically updates the remote server and logs info locally
- > Easy to install and operate modular mobile solution designed to be part of the VMUC architecture

**BENEFITS**

- > Supplies a complete solution including metering, logging, analysis and communication features for any energy management applications
- > Robust and reliable replacing existing software solutions
- > Compact unit - using a single polling device, datalogger and ethernet gateway
- > Eliminates the need for a dedicated PC
- > Eliminates HD crash problems
- > Prevents data losses
- > Removes operating systems compatibility issues
- > Flexible user friendly platform for ease of input/output, Optional modular modem for wireless Ethernet connections

**Product Description**

- Main managed information: single and three-phase V, A, kW, kWh from energy meters and power analyzers
- Added measurements (by means of VMUP module): universal mA signal input, two Pt100-1000 temperature inputs and one pulse rate input
- Alarms logic & priority management (by means of VMUO module)
- 12 to 28 VDC power supply
- Dimensions: 2-DIN modules
- Protection degree (front): IP40
- Internal Data storage, capacity to hold up to 20 years on internal 4GB memory
- Automatic back-up data storage in a 4GB micro SDHC memory card (not supplied)
- Two multi purpose USB 2.0 ports
- Two RS485 communication ports (Modbus)

One Ethernet port

**How much money will you save?**

To ensure you optimise your electrical contract you need a monitoring solution

The electrical utility contract should be tailored to the exact needs of your facility. you can negotiate a well calibrated contract if you know the details of your consumption

**How much money will you lose if your plant stops because of electrical problems?**

An unexpected fault can lead to serious damage and/or to a very expensive stop in production

To ensure everything is running effectively, you need a monitoring solution