

What is Muconics

Muconics automation offers the best solution for your industrial process system with the low cost investment and high gain operation and maintenance in your company business related to the Instrument and automation devices. It covers all process input and output devices to support your process automation with the latest technology. The muconics application is not limited in your local process operation but it also supports your remote area operation using wireless system technology.

In the safety management, muconics offers flood warning system completed with high decibel sound pressure suit for public warning alert. The remote data monitoring, enables collecting status and value such as limit switch, temperature, level, flow, and other process value, local or remote logging system. All application is integrated controller, programmed with your specifics need in your side.

Getting better productivity & maintenance

Another great benefit of leveraging remote monitoring is that it increases internal productivity, not only by reducing downtime and therefore allowing employees to consistently perform their job duties without interruption. With muconics automation, manual tasks and workflows can be shifted from human to machine, freeing up talented personnel to focus their skills elsewhere. Additionally, since your systems and network will be continuously monitored regardless of staff location, you improve service levels and ultimately grow your business

When your automation process value is properly maintained, your business process will continue to run smoothly. Remote monitoring with auto self-check keeps track of the status of all of your devices to ensure that any issues that arise are promptly addressed using proper controller.

Muconics MV Application

Muconics automations develops systems improve the medium voltage applications, Muconics offers online monitoring for Generator, Transformer, and Switch Gear. The system optimizes electronics devices sensors, controller and signal transmitters to produce the information continuously from MV voltage generator, transformer and switch gear. **Muconics Integrated Fiber Optic MV System**, comes to integrate the fiber optic sensors and electronic devices to build the system online for MV equipment.

Muconics Data Logger

The Muconics series data loggers are designed for remotely monitoring sensors and other instruments with 3G & satellite connection to a remote server for data logging and control. The series units are available with 0-10V, 4-20mA, digital state and pulse inputs, and digital outputs as well as serial ports for Modbus Master/Slave communications and connection of a satellite modem. Data is sent from the units to a remote server, where instrument of measurement device is placed and transmitting the value to the server using GSM networking. Our M2M interface allows this data to be published to a web interface accessible from anywhere in the world with user/password security and internet connection. The web interface provides both real time

and historic data in table and graph format. SMS and email alerts can be generated for alarm conditions from the website, with SMS alarms also available directly from the units themselves.

MUCONICS PRODUCT DIRECTORY

Products

- Medium Voltage
- Electrical Protections
- Generator
- Transformer
- Industrial Automations
- Input output
- Networking
- Condition Monnitoring
- Home Automations
- Wireless & Radio Transmission

Applications

- Electric Furnace
- Rotary Kiln
- Flood Early Warning
- Burner system
- Remote & Data Logger
- Cathodic protections
- Micro Hydro
- Surveillances camera

Technology

- Fiber Optic
- Wireless
- Green Energy
- Power Electronics