

## JUST RELEASED: LOW COST, FLEXIBLE REMOTE MONITORING SYSTEM

### PDC10.4

Don't spend thousands of dollars on a vibration and temperature monitoring and alarm system. You can now have a reliable, full capability system for only a few hundred dollars. The PDC10.4 is an extremely flexible monitoring system with a wide variety of options.

*The value of any monitoring system is not in the equipment - it is in the data.* Data from a portable data collection system starts to lose value immediately after it is collected because it is already out of date.

Used as a stand alone monitoring unit the PDC10.4 gives a local alarm via relay output or through digital output to a PLC.

Coupled to a monitoring PC the PDC10.4 transmits all data to the server PC. If an alarm occurs at any time the alarm data is transmitted immediately to the PC and alarm notification is sent to your engineer. The engineer examines the alarm events and is able to carry out an analysis of the data which has gone into alarm.

Have complete peace of mind and let our engineers monitor the PDC10.4 systems remotely. Predicon offers the ANGEL total monitoring and analysis service as an option. Angel allows you to make savings not only on equipment but also by optimizing manpower and training requirements.

#### Benefits:

- Low capital purchase cost and free trending/monitoring software
- Low installation cost
  - ⇒ less sensor cabling (strategic module location)
  - ⇒ flexible power options
  - ⇒ wireless communication options.
- Very user friendly
- Seamless integration into existing PLC systems
- "Hands Off" operation when used with ANGEL
- Fewer false positive alarms with our Patented Intelligent Alarm System



#### Specifications:

- Multiple communication options
  - ⇒ GSM
  - ⇒ Ethernet
  - ⇒ RS232
  - ⇒ Internet via PC
- 4 Vibration or process channels
- And 4 temperature channels
- 10 frequency bands per vibration channel
- 50mS Scan Time (depending on setup)
- Automatic alarm notification
  - ⇒ SMS
  - ⇒ PC Software
  - ⇒ Local relay switching
- Flexible power options
- Automatic trending data transfer
- Event triggering
- Works with standard ICP accelerometers and voltage output sensors and digital thermal sensors.
- Spectral analysis on demand

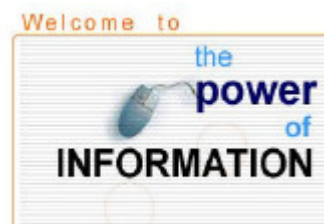
Worldwide patents applied for

#### Contact us:

PDC Engineering specialize in predictive maintenance technology services and equipment.

Offices in  
Blackpool, England and  
Warren, Ohio USA.

Call now to talk to an engineer to discuss your application:  
UK Phone: 01144 1253 400541  
UK Fax: 01144 1253 400552  
Email: [info@predicon.net](mailto:info@predicon.net)  
US Phone (330) 638.8316



UK Office:  
Wilmar House  
23-25 Windermere Road  
Blackpool FY4 2BX

**Data is information—Information is power to control your destiny**