

The logo consists of a dark purple circle with a white diagonal line. The word "EnergAir" is written in a white, italicized, sans-serif font across the circle.

EnergAir

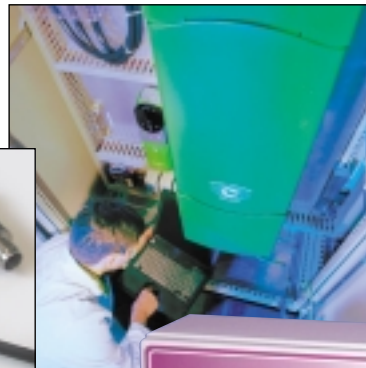
ALERT

Drives Down Compressed Air
Energy Costs without Capital Outlay



THE SIMPLE & ECONOMICAL WAY TO DRIVE DOWN COMPRESSED AIR ENERGY COSTS . . . WITHOUT CAPITAL OUTLAY

EnergAir's new ALERT system gives compressed air users all the benefits of the market leading Enercon Air Management System, 24 hours a day, 365 days a year, but without capital investment, installation and commissioning costs.



Designed For Small, Medium and Large Companies

The ALERT system means that small and medium size companies, as well as large concerns, can now implement the most comprehensive energy saving measures available and achieve compressed air energy savings of as much as 35%. Companies can offset the savage cost increases resulting from the implementation of the Climate Change Levy and benefit from detailed condition monitoring.

Low Cost Monthly Fee is Typically Lower than Savings Delivered

ALERT is a new, low cost monthly plan that allows users to optimize the control, monitoring, management and maintenance aspects of their compressed air systems without any capital outlay. Instead, users pay a monthly fee, which, typically, is lower than the annual energy savings realized through the use of the Enercon system.

Why Do Companies Need ALERT?

The ALERT system is an effective answer to recent industry research, which concluded that the operating costs of running multiple compressed air installations without some form of management control could be more than 30% higher than they should be. Compressed air is produced using electricity, its generation being equivalent to about 10% of industry's total electricity usage, rising to 30% in some sectors. This highlights why companies have compelling reasons to investigate the potential for energy saving in this area.

ALERT Package Includes all Installation, Commissioning & Maintenance

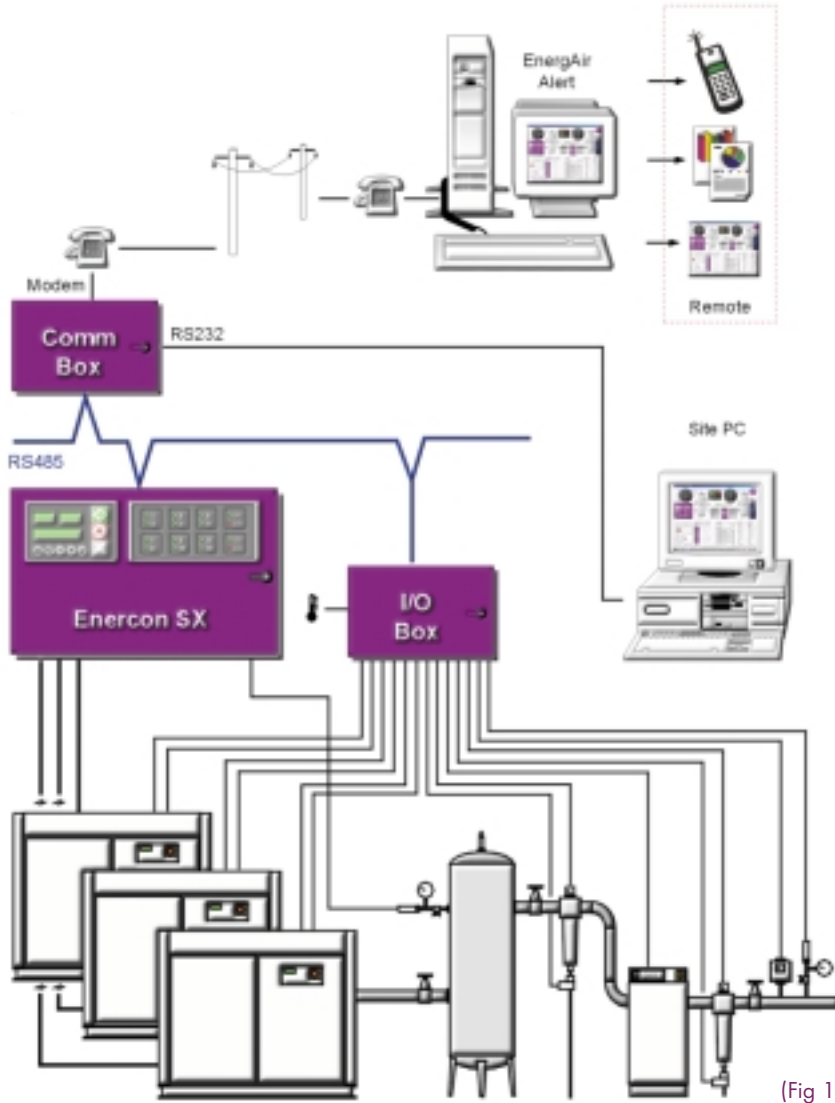
All the initial evaluation work necessary to calculate the potential energy savings for a particular compressor installation and the subsequent installation and commissioning of the Enercon Management system and its remote parts is undertaken by EnergAir, or by one of its appointed specialist partners. This is also the case for maintenance of the ALERT pack during the term of the contract, and for the high levels of ongoing support provided to the user.

ALERT - The First & Only Step in Your Programme for Reduced Compressed Air Energy and Operating Costs

ALERT is the first step in implementing a compressed air energy saving programme. It is also probably the only step you'll ever need to take. The cost benefits and security of the system are only a phone call away, so why not contact us today for a no-obligation estimation of the potential savings available from your compressed air system.



The ALERT System: how it works (Fig 1)



(Fig 1)

1) Compressor Control System - controls target system pressure within fine limits to reduce generating costs, and ensures that the most efficient compressors (irrespective of manufacture or type) are employed in the most efficient combination to suit a given demand.

2) Compressor Monitoring - monitors such factors as common alarms, oil temperature, condition of rolling bearings (from installed bearing condition sensors) and service due conditions i.e. the elapsed time as defined by the original equipment supplier.

3) System Monitoring - extends the scope of the Enercon management control system by including the monitoring of equipment such as dryers and filters which condition the air quality to the pipe work system that delivers it. In addition, expansion modules also enable condition monitoring of supporting compressor house equipment such as water pumps and fans to be undertaken, along with compressor house and ambient temperatures.

4) Enersoft Control, Monitoring and Visualisation Software - delivers a complete compressed air supervisory, control and optimization solution. The software enables plant supervisors to remotely monitor and routinely review system performance, identifying and implementing operational cost reductions and quality improvements direct from a PC screen.

5) Remote Alert Services - provides users with the benefits of a round the clock system condition monitoring and automated response, including alarm management. The communications feature also enables "7-day spot" efficiency reports to be downloaded from the system, quarterly, and delivered to the user, via E-mail, in a popular and easy-to-use PDF file format. (see Fig 2).



Summary Report - Key Performance Indicators

| INFORMATION | | | |
|--|--------------------------------|-------------|------------|
| File: C:\Program Files\Enercon\Alert\Alert.htm | Monday, July 19, 2004 10:00 AM | View: Basic | Print: 0/0 |
| Host Name: 172.16.0.10 | Location: ENL101 | | |
| Item | Unit | Value | Alert |
| Temp | 22.00 °C | 22.00 °C | |
| Pressure | 6.00 bar | 6.00 bar | |
| Pressure | Unit | Value | Alert |
| Compressor 1 | 6.00 bar | 6.00 bar | |
| Compressor 2 | 6.00 bar | 6.00 bar | |
| Compressor 3 | 6.00 bar | 6.00 bar | |
| Energy | Unit | Value | Alert |
| Operational Flow | 1.00 m³/min | 1.00 m³/min | |
| Production Output | 1.00 m³/min | 1.00 m³/min | |
| Efficiency | 1.00 m³/min | 1.00 m³/min | |
| Flow Efficiency | 1.00 m³/min | 1.00 m³/min | |
| Flow Cost | 0.00 £/m³ | 0.00 £/m³ | |

(Fig 2)



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