

# 24/7 Smart Monitoring and Alert System for Air Compressors

## **AIR~ALERT**<sup>™</sup>

- EXTENDED WARRANTY
- AMC



# AIR~ALERT™

Air-Alert is an IoT-enabled monitoring and alert system compatible with ELGi's range of air compressors. Data analyzed and delivered by Air-Alert from your compressor enables you to improve your compressor's energy efficiency and uptime. Air-Alert also allows 24x7 remote monitoring from anywhere in the world.



**IMPROVED ENERGY EFFICIENCY** BASED ON OPERATING PERFORMANCE.



**IMPROVED UPTIME** WITH ON-TIME SERVICE ALERTS IN ADDITION TO PREDICTIVE FAILURE ALERTS



**24/7 REMOTE MONITORING** FROM ANYWHERE IN THE WORLD.



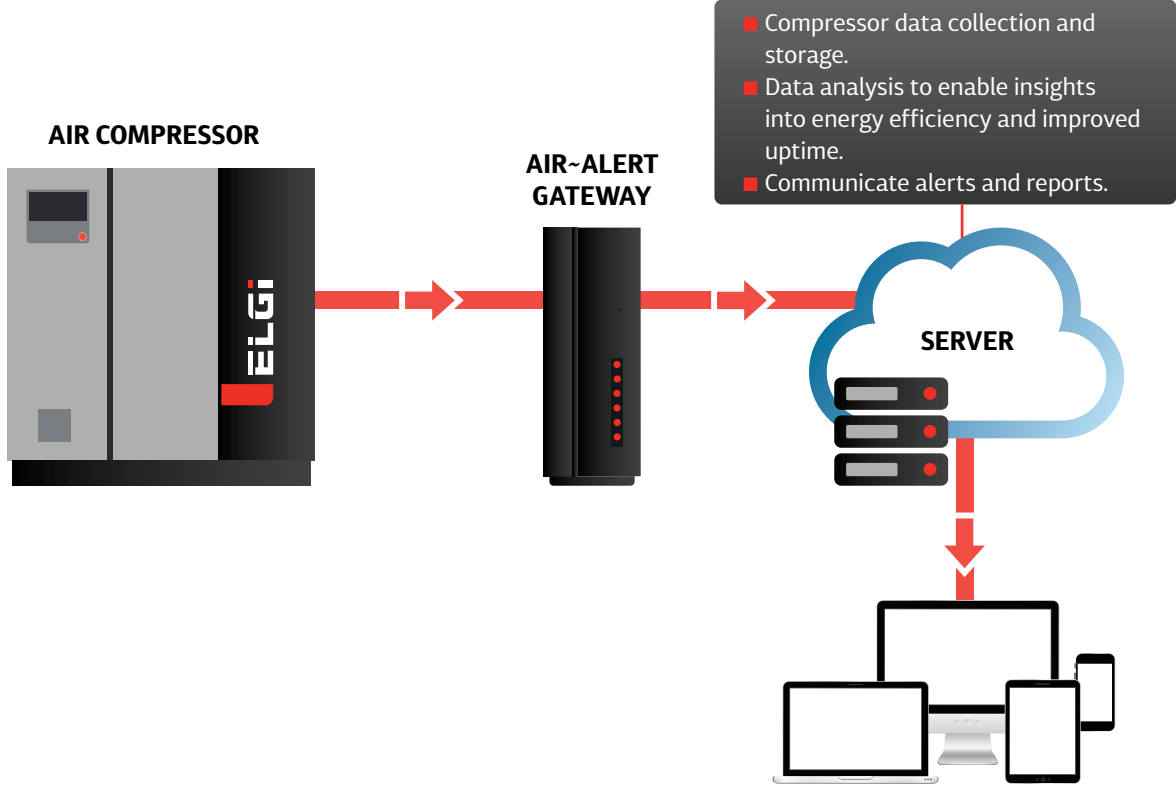


**INDUSTRY 4.0 FOR YOUR COMPRESSORS IS HERE!**

- Need on-time compressor service to gain high performance?
- Need live data to help improve plant energy efficiency?
- Need live updates anytime and anywhere in the world?



INDUSTRY 4.0 - CONNECTED COMPRESSORS  
**HOW DOES IT WORK?**



Air~Alert acquires operational data from compressor and sends it to a dedicated, secured server.

Intelligent algorithms in the server analyzes the data and enables useful insights to improve energy efficiency, uptime and remote monitoring from anywhere in the world.

FEATURE	WITH AIR~ALERT	WITHOUT AIR~ALERT
Improved uptime with on time service alert	✓	✗
Energy saving insights at the click of a button	✓	✗
Predictive failure warning alerts	✓	✗
24x7 Remote monitoring	✓	✗
Online service history	✓	✗



## Enjoy Uninterrupted Compressor Functioning



### IMPROVED ENERGY EFFICIENCY

Energy cost accounts for about 75% or more of the life cycle cost of a compressor. **Enabled by Air~Alert's monitoring, smart analysis help save up to 30% on energy cost.** Compressor utilization data (load and unload operating hours) from Air~Alert provide valuable insights into determining if a Variable Frequency Drive (VFD) will help save energy costs based on demand on the compressor. The data will also help optimize operating pressure bands and resize an air compressor based on plant compressed air needs.

Additionally, the compressor usage data from Air~Alert also enables insights into identifying leakage in the compressed air system and thereby helps save energy costs.

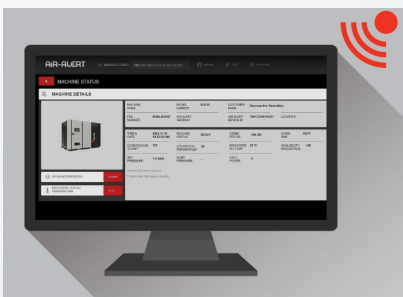


### IMPROVED UPTIME

**Have you ever missed servicing your compressors on time?** With ELGI's Air~Alert, you'll never miss another scheduled service. Air~Alert notifies customers and service providers in advance of scheduled maintenance, allowing them to maintain the operation of their compressors, purchase replacement parts, and arrange service visits at their convenience. On-time service significantly helps in maintaining the compressor's energy efficiency.

Air~Alert's intelligent data analysis triggers predictive warnings of fault occurrence well in advance, saving precious time and the expense of unexpected downtime.

**Air~Alert can assist in forecasting most of the commonly occurring failures in advance, which helps to minimize downtime and unplanned repair expenses. With Air~Alert, say goodbye to manual logging of service or on-site checking of compressors for service due!**



### 24/7 REMOTE MONITORING

Air~Alert delivers essential trend graphs and information on key operating parameters such as **discharge pressure, oil temperature, VFD speed, total running hours, trips, and alerts through a live online interface** on a web portal, allowing remote access from anywhere in the globe.

In one quick view, it also gives comprehensive information and impending servicing requirements for compressor health, usage, fault, and trip notifications. The system also sends a monthly summary report to the users on overall health and operating parameters, including upcoming planned service requirements.

Introducing  
**Industry leading  
warranty to provide you  
with peace of mind**



✓ **10 YEAR AIR END WARRANTY**

✓ **5 YEAR PACKAGE WARRANTY**  
Includes motor, fan, controller,  
tank & coolers

✓ **3 YEAR VFD WARRANTY**

✓ **AMC BENEFITS**



**COMBINED WITH AMC FOR SUPERIOR BENEFITS!**



Improved uptime and peace  
of mind with minimized  
production losses



Cost saving with optimal  
maintenance of the  
compressor



Performance at the  
best level



Adherence to recommended  
maintenance intervals



Quick service support for  
unplanned downtime

# ELGi

Always Better.

Elgi Equipments Limited is a global air compressor manufacturer with a broad line of innovative and technologically superior compressed air systems.

ELGi has consistently worked towards ensuring that its customers achieve their productivity goals while keeping the cost of ownership low. ELGi offers a complete range of compressed air

solutions from oil lubricated and oil free rotary screw compressors, oil lubricated and oil free reciprocating compressors and centrifugal compressors, to dryers, filters, and downstream accessories.

The company's portfolio of over 400 products has found wide application across industries.

**63**

Years of Customer-Centric Innovation

**2 Mn+**

Installations Worldwide

**120+**

Countries and Counting



**DEMING PRIZE\***  
**2019**

ELGi is the first globally established industrial air compressor manufacturer to be awarded the Deming Prize for Excellence in Total Quality Management.

\*In over six decades

**ELGI**<sup>®</sup>  
Always Better.

