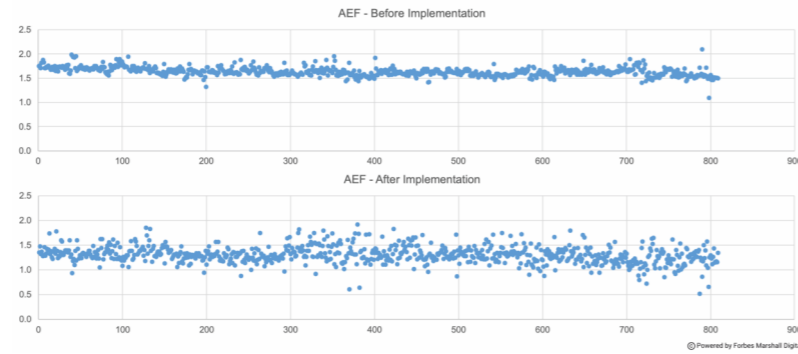


# EverSense for Air Energy Factor



**In compressed air systems, every excess 1 bar of pressure leads to a 7% increase in electricity costs. On average, we can reduce energy consumption by 15-25%.**

Compressed air is used for powering pneumatic tools, automation systems, material handling equipment, and contributes to about 30% of electricity costs incurred by industries. Often leakages in the network amount to up to 10-30% of compressed air costs. Inadequate piping design or blockages in the air distribution network can cause pressure drops, reducing the effectiveness of pneumatic tools and equipment.



Artificial demand due to inefficiently designed systems, incorrectly sized compressors, pressure drops or unregulated end use is another significant challenge, contributing to about 10-15% of the energy losses. With the percentage proportion of energy consumption by compressed air applications in an industry ranging between 10-40%, we can help reduce the energy consumption by 15-25%, by improving the energy efficiency of compressed air systems.

**We provide actionable insights**

**Proactive Issue Resolution**

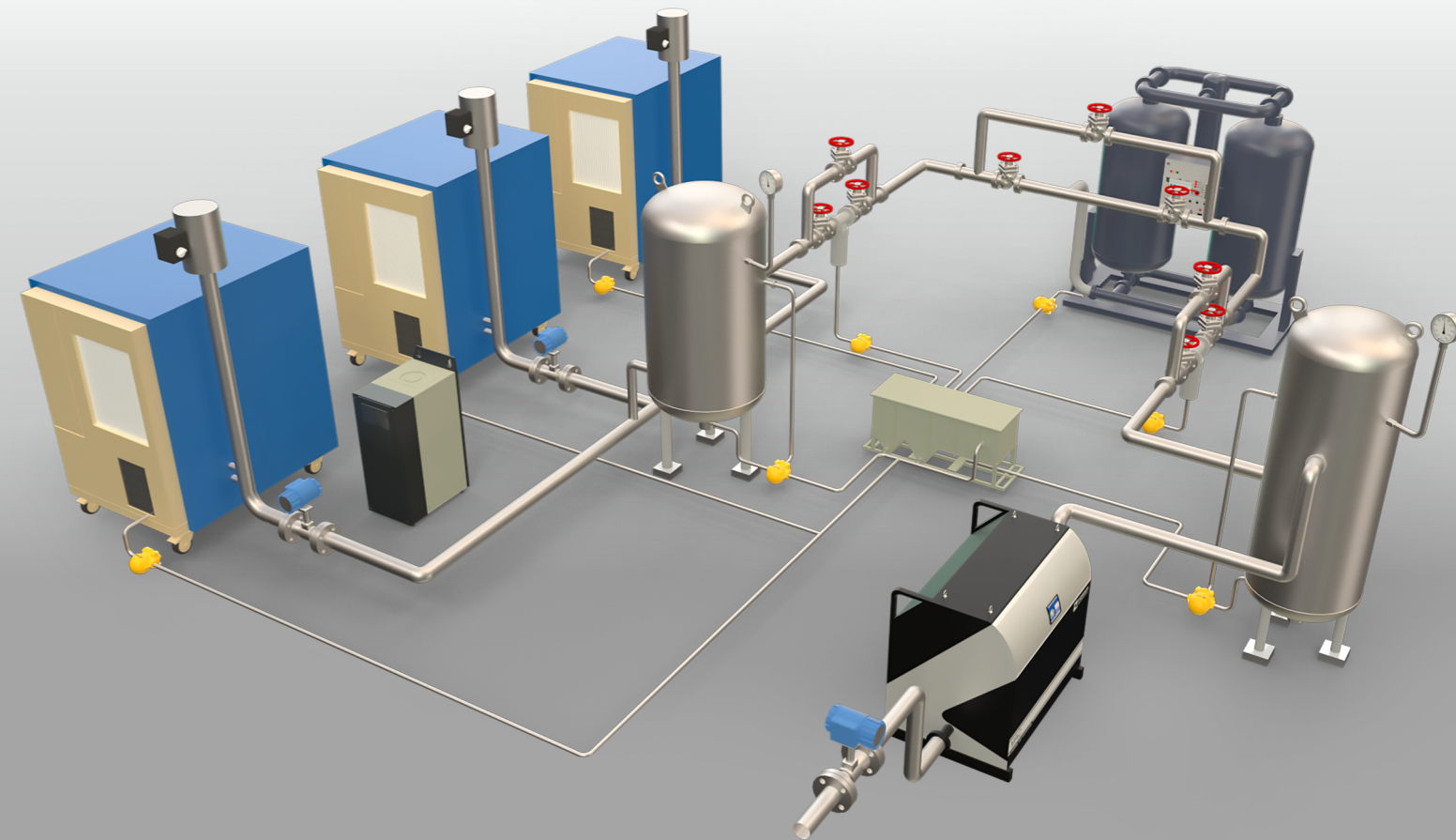
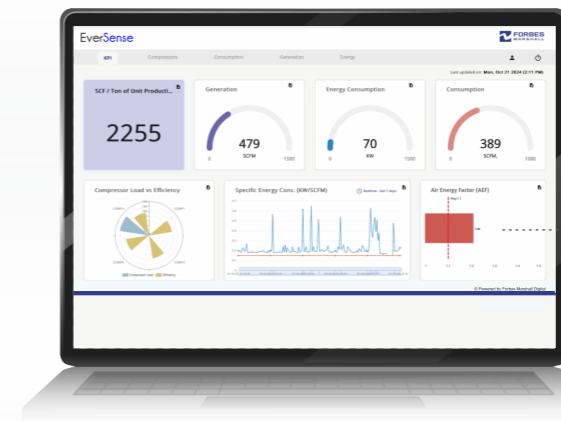
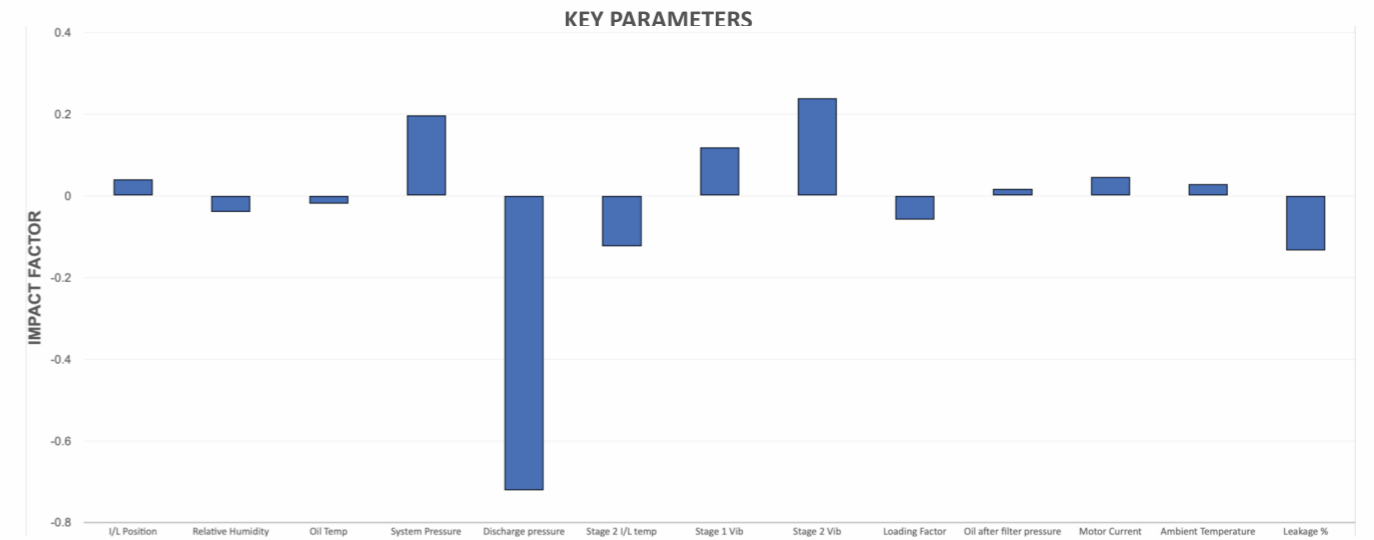
Monitoring critical parameters and understanding key performance metrics gives insights into compressor performance (FAD), flow efficiency, factors affecting specific energy consumption through demand analysis, dryer health (PDP and pressure drop) and variations in Air Energy Factor. We also bring visibility by establishing benchmarks that can be improved and sustained.

**Operational Efficiency**

We help monitor key factors that affect efficiency including proper system design, minimising leaks, maintaining optimal pressure levels, regular maintenance, and employing energy-efficient compressor controls. By optimising these aspects, industries can significantly lower energy use, improve performance, and enhance the overall reliability of compressed air systems, leading to cost savings and sustainability improvements.

**Backed by our wide reach and expertise**

Our team of sales and service engineers, based in 18 countries, have experience of over 30 industry segments globally. These specialists visit plants daily, understanding and addressing real needs. And now, you have 24x7 access to this expertise through both, digital connects and site visits.



**Delivering Benefits**



**Energy Savings**  
Reducing CAPEX and OPEX through better overall efficiencies, by reducing performance variations and enhancing compressor performance.



**Efficiency**  
Increasing the efficiency of the compressed air system, enhancing uptime of processes dependent on compressed air and improving productivity.



**Reliability**  
Maintaining >95% uptime of the compressed air system.



**Sustainability**  
Reducing carbon footprint by lowering energy consumption.



**Safety**  
Predictive and proactive maintenance through monitoring, ensuring corrective actions are taken to reduce or prevent downtime.

# Energising Businesses and Communities Worldwide



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<b>19</b>	Countries
<b>37</b>	Offices Worldwide
<b>18</b>	Distribution Centres
<b>500</b>	Sales and Services Engineers
<b>8,000</b>	Customers Worldwide

## World Class Technology from World Class Facilities



## Enabling Results



**Process Efficiency**



**Energy Efficiency**



**Optimum Productivity**



**Improved Asset Uptime**



**Environmental Responsibility**



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