

# ECOPLANT Cloud-Based Monitoring and Control



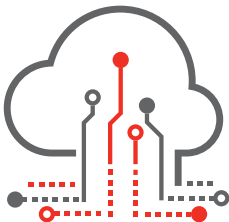
## Graduate to Next-Level Air System Performance

Ecoplant, in collaboration with Ingersoll Rand, is a machine learning compressed air monitoring and control network that optimizes utility operation to achieve peak efficiency of compressed air generation.

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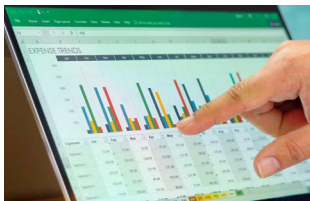


is a cloud-based SaaS platform that integrates with your compressed air system to increase energy efficiency and reduce factory downtime.



## Predictive, Efficient and Scalable

- Brand agnostic solution connects to all compressed air technologies
- Machine learning control for energy efficiency and predictive maintenance
- 24/7 continuous monitoring and unlimited data logging
- Manage your air system from anywhere in the world



### Positive Cash Flow on Day 1

Unlike traditional control systems, there is no capital investment— you don't pay for system installation or maintenance. All necessary hardware is included as part of your monthly subscription.



### Reduce Your Energy Costs

Ecoplant works dynamically to respond to production changes and adjusts your system controls accordingly to detect leaks sooner, minimizing wasted energy and lowering costs.



### Prevent Unplanned Downtime

Machine learning models monitor your system and provide timely failure risk alerts, improving reliability and efficiency. Downtime is reduced by leveraging our global service capabilities to ensure a rapid return to normal operations.



### Optimized Production Changes—Dynamic Control

As a cloud-based SaaS system, Ecoplant never becomes irrelevant. As your plant demand or air system changes, Ecoplant will automatically adjust to deliver maximum value, ensuring you stay on top of production.

## ECOPLANT SUCCESS STORY

# Global Food and Beverage Facility

### Air System Details

Compressor system comprised of three compressor brands and two compressor technologies (rotary screw, centrifugal)

### Business Challenges

Energy optimization to improve compressed air system visibility and improve compressor maintenance

Annual Recurring Savings

**\$369,000** Per Year



## Total Annual Savings and Value

<b>\$94K Electrical Savings</b>  21% Energy Savings 	<b>870 T CO<sub>2</sub> Emission Reduction</b>  	<b>\$35K Eliminating 4 Quality Audits</b>  40% Leakage Reduction 	<b>\$50K in Professional Consulting Fees</b>  
<b>Over 120 Critical Alerts</b>  Over 3.6M Proactive Engine Commands 	<b>\$40K Detecting 4 Infrastructure Optimizing Events</b>  	<b>\$150K Preventing 2 Downtime Occurrences</b>  	<b>20% Increased Equipment Life</b>  0.5 Professional Headcount Saved 

Connect with your Ingersoll Rand representative for estimating your annual savings over a free consultation at [ingersollrand.com](https://www.ingersollrand.com)

**\$0 Implementation Fee**



**Installation in Less than a Week**



**No System Downtime During Set-Up**



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