

# ProcessMD

Insight > Data > Expertise > Action > Savings



Cyber security:  
Secured data connections

Value driven decision making:  
Data supported decisions

Risk mitigation

Maximize asset value

Reduce operating costs

## Air Products' cutting-edge digital platform to proactively monitor your plant conditions

Air Products monitors and maintains more than 400 industrial gas facilities globally which make up the Air Products "fleet of operating plants," and has been doing so for over 75 years. The Air Products fleet generates hundreds of thousands of data points for analysis in proprietary algorithms to monitor key performance indicators. These measures allow for benchmarking plant performances and allowing us to run each specific site at the most cost effective level. Air Products ProcessMD offering allows our customers to accurately track and change the reliability and profitability indicators that are most important to them on a frequency makes sense for their process. Everything from monthly reports and yearly audits to 24/7/365 operations; Air Products can work with you to define your most cost effective solution.

## What we can offer

### ProcessMD offering consists of:

- Data collection in a secure digital cloud
- Proactive monitoring for abnormal operating conditions
- Prompt analysis to investigate the cause
- Preferred access to Air Products' technical resource for timely support
- Monthly report containing recommended actions for cost savings
- Technical Service Program with site visits

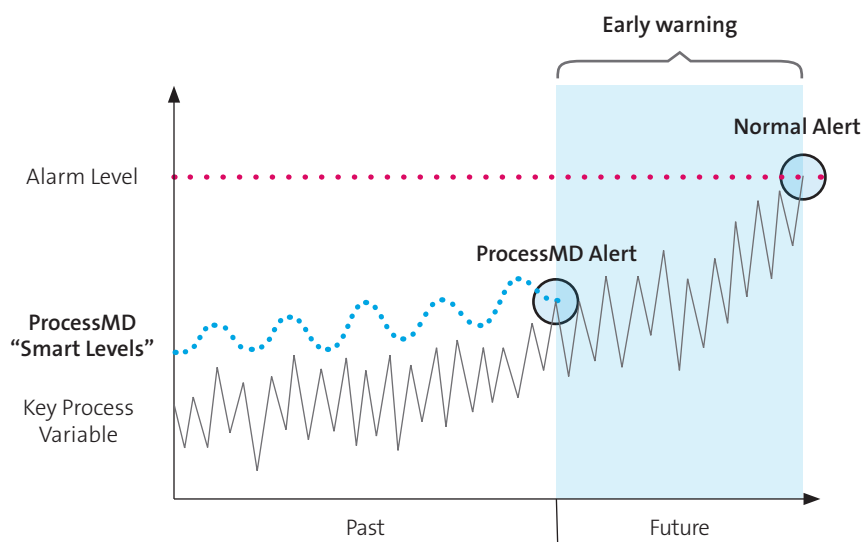




## ProcessMD

- ProcessMD provides a pair of Air Products experts' eyes assisting your plant operation team to detect impending failures weeks or months before alarms go off.
- ProcessMD will improve plant reliability, reduce downtime, enable smarter planning, and uncover cost savings opportunities.

### How ProcessMD alerts can give you early warning:



### Can detect impending failures weeks or months before alarms go off

ProcessMD uses “smart levels” based on process models that adjust for variables like ambient temperature and production rate to determine when a key process variable is out of range from expected variations. This provides advanced warning from fixed alarm limits which are often set much higher.

For more information, please contact us at:

#### Americas

Air Products and Chemicals, Inc.  
7201 Hamilton Boulevard  
Allentown, PA 18195-1501  
T: 1-800-551-2995  
ESPSinfo@airproducts.com

#### Europe, Middle East, Africa

Air Products PLC  
Hersham Place Technology Park  
Molesey Road  
Walton-on-Thames  
Surrey KT12 4RZ  
UK  
T +44 1932 249200  
ESPSinfo@airproducts.com

#### China

Air Products and Chemicals (China)  
Investment Co. Ltd.  
East Wing, Floor 1  
Building #88, Lane 887  
Zu Chongzhi Road  
Zhangjiang Hi-Tech Park  
Shanghai, 201203  
P.R. China  
T +86-21-38962569  
ESPSinfo@airproducts.com

#### India, Southeast Asia

Prodair Air Products India Pvt Ltd.  
602, Pentagon 5  
Magarpatta City  
Hadapsar, Pune – 411013  
Maharashtra, India  
T +91-20-49115252  
ESPSinfo@airproducts.com



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