

**WORK FASTER AND SAFER IN CONFINED SPACES**

# Engineered Ventilation Powered by SMARTVent

OnPoint's engineered ventilation systems, powered by SMARTVent technology, provide 10X the airflow of traditional blowers to dramatically improve air quality in confined spaces. Enable more workers in spaces simultaneously, eliminate work stoppages from air quality issues, and complete turnarounds 2+ days faster. Proven 28X exposure reduction allows downgrading from supplied air to half-face respirators.

## Key Benefits



### **28X Exposure Reduction**

Proven results on FCC turnaround reduced CrVI from 300.5 to 10.9  $\mu\text{g}/\text{m}^3$ . Downgrade respiratory protection from supplied air to half-face respirators.



### **10X Airflow vs. Traditional Blowers**

Superior airflow performance enables multiple crafts working simultaneously in vessels. Custom-designed systems with optimized duct routing.



### **Complete Turnarounds 2+ Days Faster**

Enable more workers in confined spaces simultaneously. Eliminate stoppages from CO alarms and smoke thickness. Accelerate critical path work.



### **\$500K+ in Avoided Delay Costs**

Two days saved on a \$25M refinery turnaround equals \$500K+ in avoided delay costs, not counting productivity gains during execution.



### **Climate Control Integration**

Air conditioning and heating maintain comfortable working conditions. Prevent heat stress and eliminate heat-related slowdowns.

# Service Offerings

## Superior Airflow Performance

10X airflow of traditional blowers with optimized duct routing and high-capacity fans

## HEPA Filtration Systems

99.97% efficiency at 0.3 microns captures toxic particulates before reaching workers

## Climate Control Integration

Air conditioning and heating maintain comfortable working temperatures inside spaces

## SMARTVent Continuous Monitoring

Remote monitoring ensures optimal performance 24/7 with real-time airflow measurements

## Experienced Ventilation Technicians

Design, install, monitor, and optimize ventilation systems throughout projects

## Applications



### Refinery & Petrochemicals

- Reactor and vessel hot work with welding, cutting, grinding
- FCC regenerator and reactor work
- Coker drum cleaning and inspection
- Heat exchanger bundle removal and cleaning



### Power Generation Outages

- Boiler internal work and inspection
- Precipitator and baghouse maintenance
- Condenser tube work



### Manufacturing Shutdowns

- Furnace and kiln work (steel, cement, glass)
- Digester and recovery boiler work (pulp & paper)
- Process vessel maintenance



**OnPoint.**

**Ready to accelerate  
your turnaround?**

Request a ventilation assessment. We'll evaluate your scope and develop a customized ventilation plan to enable faster, safer confined space work.

**Contact OnPoint Industrial Services**

713.947.0721 | [www.onpoint-us.com](http://www.onpoint-us.com)

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