

# **ProLogix PEMS™**

PREDICTIVE EMISSIONS MONITORING SYSTEM  
FOR COMBUSTION SOURCES

OIL/DIESEL | NATURAL GAS | BIOMASS | WASTE



# ProLogix PEMS™

## PLC-based Predictive Emissions Monitoring for Industrial Emissions Compliance

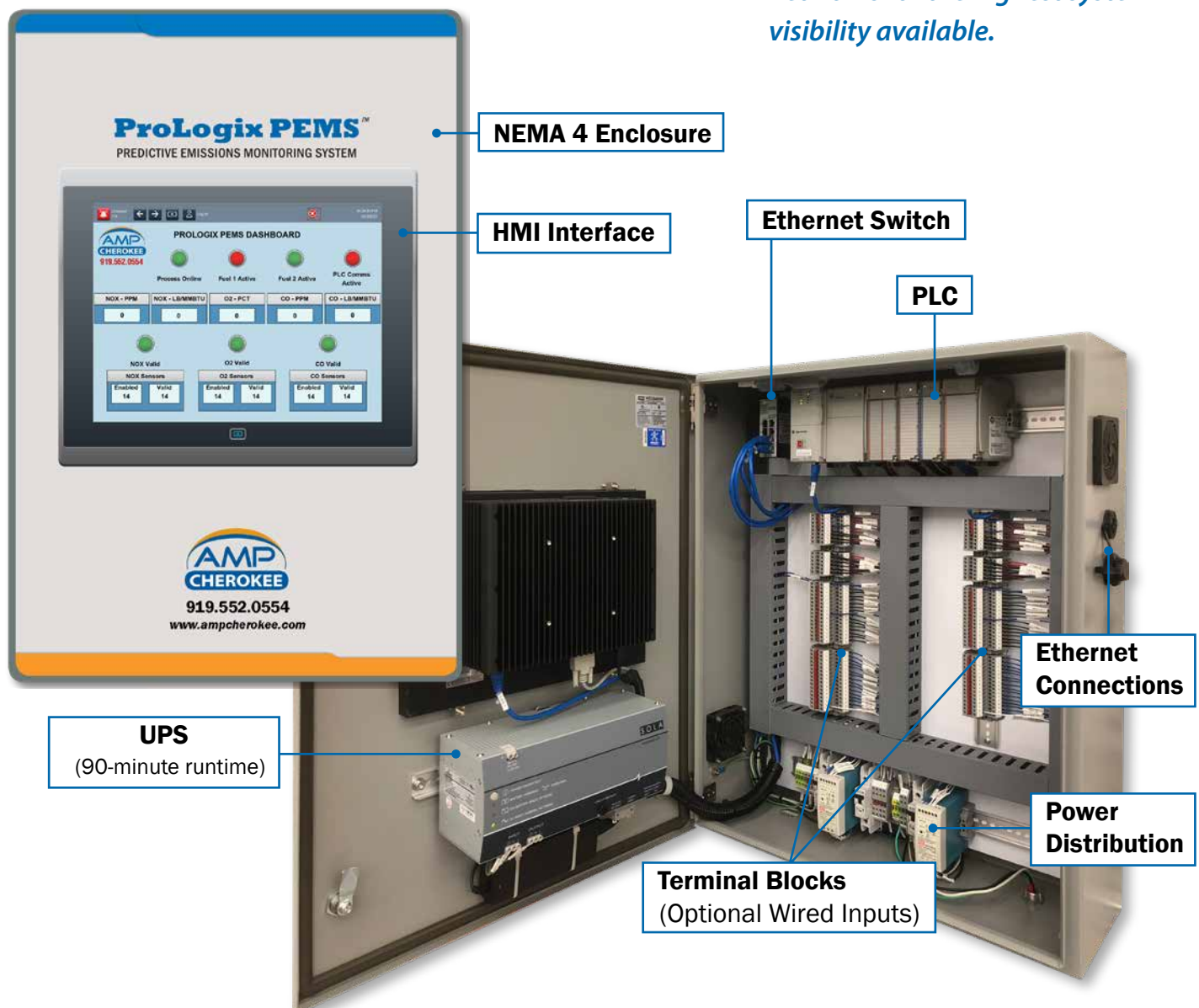
ProLogix PEMS™ is a predictive emissions monitoring software system that meets EPA Performance Specification 16 (PS16). Operators can use ProLogix PEMS™ to monitor emissions from refinery and process heaters, boilers, turbines and internal combustion engines.

### Statistical Model

ProLogix PEMS™ uses a CEMS statistical model to provide real-time emissions data from a wide range of operating input parameters with CEMS-level accuracy and reliability.

*ProLogix PEMS™ calculates pollutant emissions with CEMS-level accuracy, eliminating the need for calibration gases and CEMS maintenance. Low operating costs. Increased reliability. Quicker ROI.*

*ProLogix PEMS™ delivers real-time emissions data over your facility networks for the highest system visibility available.*



### Real Time & Historical Displays. PEMS Reporting Suite.

ProLogix PEMS™ features real time and historical trend displays. For full-featured regulatory reporting (and additional data security), AMP-Cherokee will integrate ProLogix PEMS™ into your DAS or a DAS of your choice.

### Data Redundancy. Data Distribution.

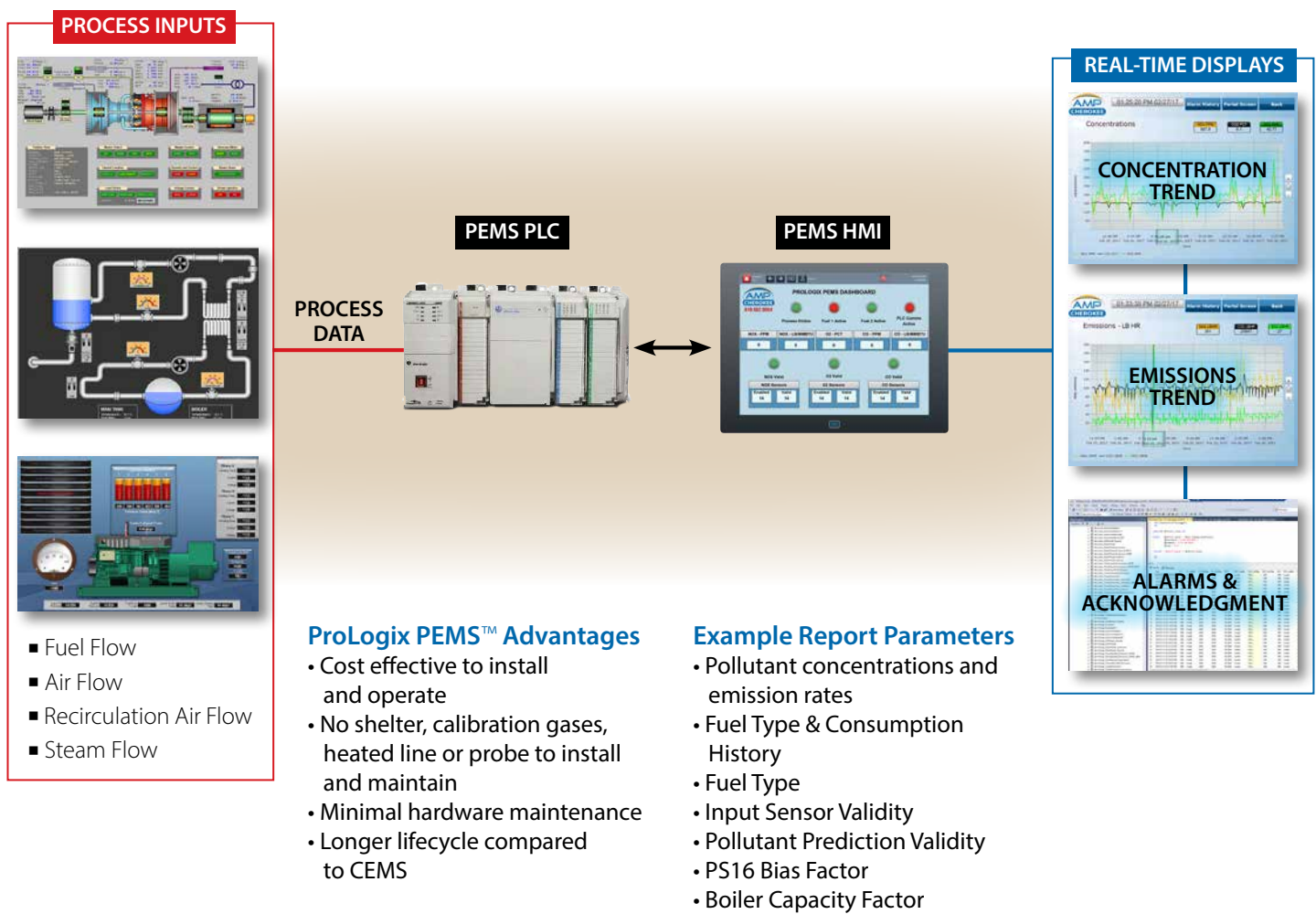
Data redundancy/backup is accomplished locally within ProLogix PEMS™ using flash memory. Backup data is stored for up to 30 days in the event of network failure. Manual and automatic data recovery options are available.

### PEMS Remote Operation. Alarms and Notification.

ProLogix PEMS™ monitors system health status. Email alarms can be configured across your monitoring network. Remote access provides administrator level operation of controls and troubleshooting tools.

*ProLogix PEMS™ provides a reliable monitoring solution for your emissions compliance and process measurements of combustion sources under 40 CFR 60 and 40 CFR 75 Appendix E.*

*AMP-Cherokee PEMS data monitoring and maintenance plans include RATA and quarterly RAA tests for maximum system reliability and cost effectiveness.*





## ProLogix PEMS™



### ProLogix PEMS™ Features

- Industrial grade PLC design for a universal and secure CEMS substitute
- Touch screen industrial HMI for real-time displays, system controls and data storage
- Alarm notification via email or text
- PEMS data outputs to existing data historian or optional data acquisition system (DAS)
- Supports monitor switching for sources using different fuels
- Quarterly Relative Accuracy Audit (RAA)
- Annual Relative Accuracy Test Audit (RATA)
- DAS maintenance and support services
- Audit devices sale, calibration and service
- Communication available via analog output and various industrial protocols
- EPA PS16 compliant
- Remote access and control
- UPS Backup Power Supply - up to 90 minutes of operation during power loss
- NEMA 4 Wall Mount Enclosure Standard, Climate Control, NEMA 4X and Class 1 Div 2 Options
- Single 120VAC/60Hz; 20A circuit required

**Contact AMP-Cherokee at 919.552.0554 or [sales@ampcherokee.com](mailto:sales@ampcherokee.com) for full details on how ProLogix PEMS™ simplifies reporting emissions on your qualified sources.**



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