

ProLogix PEMS™

PREDICTIVE EMISSIONS MONITORING SYSTEM
FOR COMBUSTION SOURCES

OIL/DIESEL | NATURAL GAS | BIOMASS | WASTE



919.552.0552
www.ampcherokee.com

ProLogix PEMS™

PLC-based Predictive Emissions Monitoring for Industrial Emissions Compliance

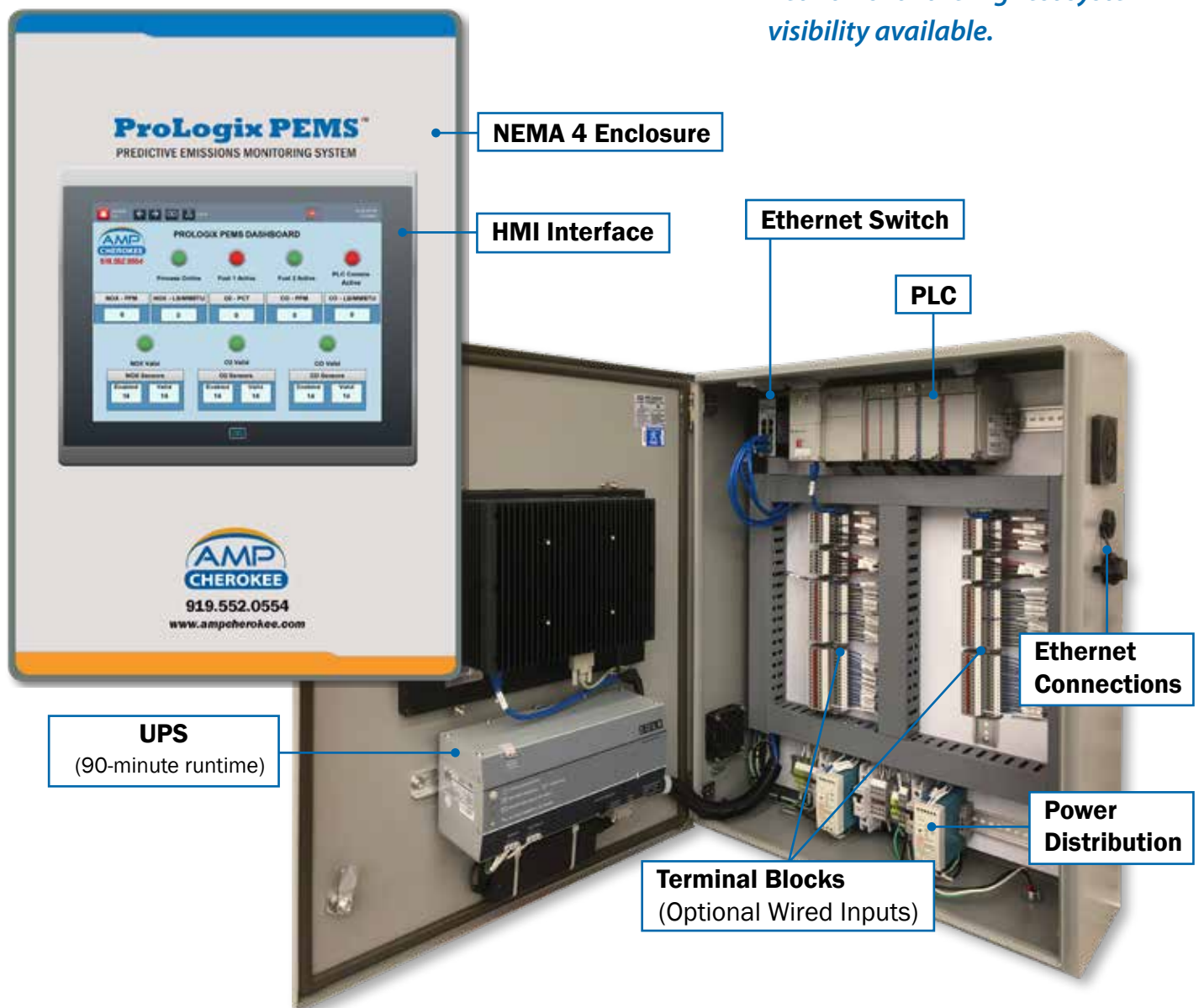
ProLogix PEMS™ is a predictive emissions monitoring software system that meets EPA Performance Specification 16 (PS16). Operators can use ProLogix PEMS™ to monitor emissions from refinery and process heaters, boilers, turbines and internal combustion engines.

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.

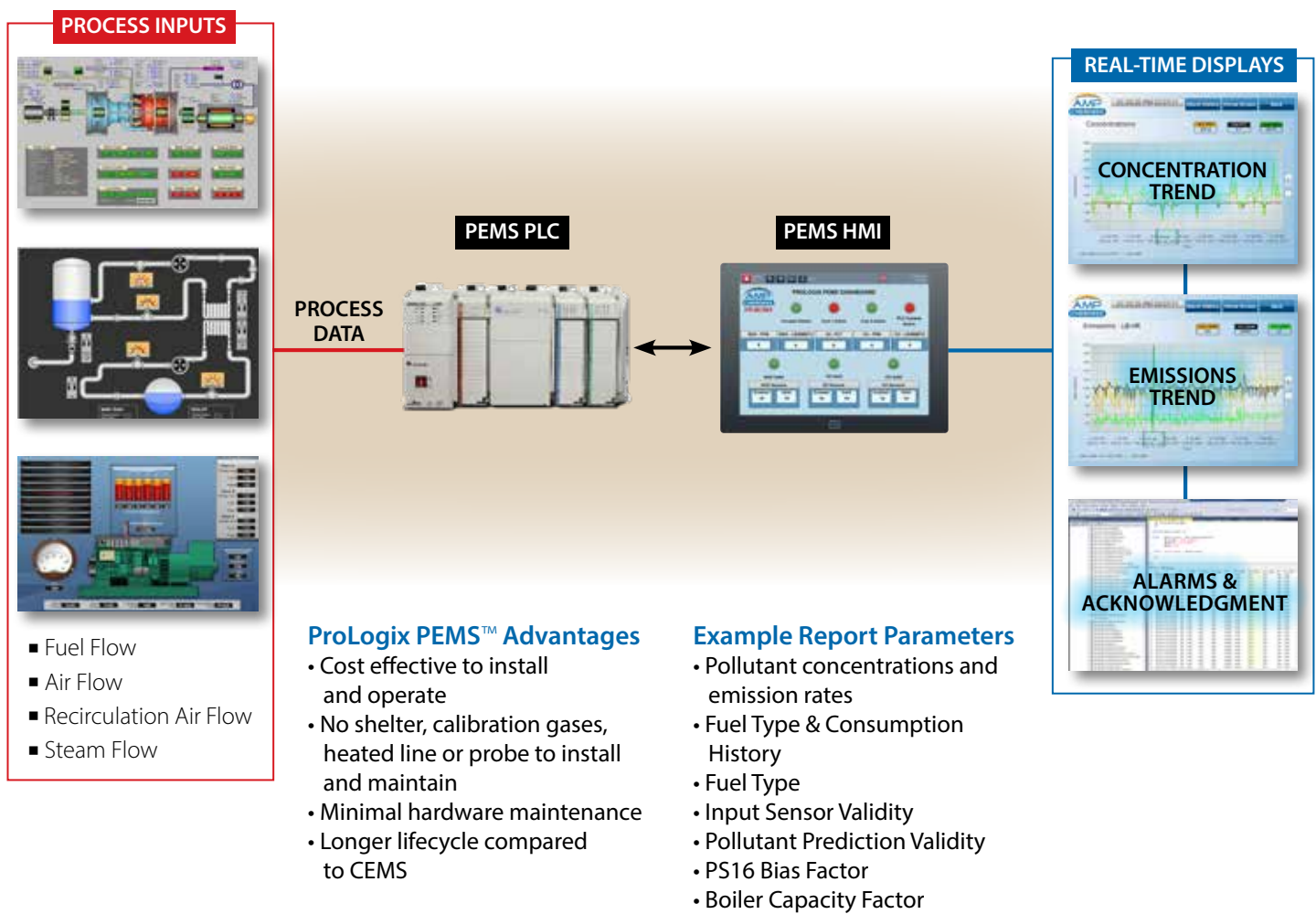
Data redundancy/backup is accomplished locally within ProLogix PEMS™ using flash memory. Backup data is stored for up to 30 days in the event of network failure. Manual and automatic data recovery options are available.

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

Optional Data Acquisition and Reporting Solutions are Available

PEMS Maintenance & Testing Services

- Quarterly Relative Accuracy Audit (RAA)
- Annual Relative Accuracy Test Audit (RATA)
- DAS maintenance and support services

Contact AMP-Cherokee at 919.552.0554 or sales@ampcherokee.com for full details on how ProLogix PEMS™ simplifies reporting emissions on your qualified sources.



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