



OPC Visible Emissions Reporting Software



Why Emsys?

Key Features;

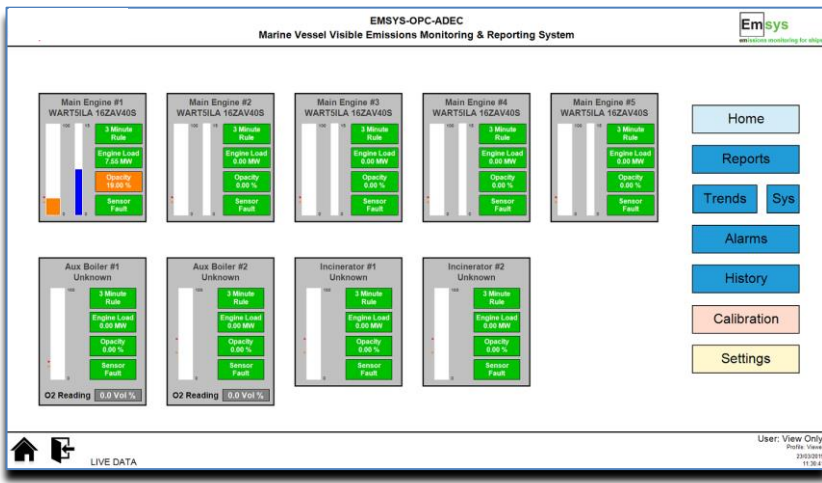
- OPC Software interfaces to new or existing opacity & PM sensors
- Meets the reporting requirements of Alaska DEC 18 AAC. 50.070
- Alarms generated to warn operators if the 3-minute rule is breached
- Provides 12 months historical backup of emissions data
- Trend Graphs for engines, boilers, and incinerators, with integration for Power, % O₂ and other relevant data



Typical Applications;

- Alaska visible smoke regulations
- US EPA visible smoke regulations
- Smoke Monitoring of diesel engines and boilers whilst in port or when transiting close to shore allowing ship's crew instant notification when smoke thresholds are exceeded
- Charterer requirements and compliance with standards such as TMSA or environmental Class Notations
- Maintenance indications of diesel engines
- Optimisation of combustion in boilers





Configurable for engines, boilers and incinerators

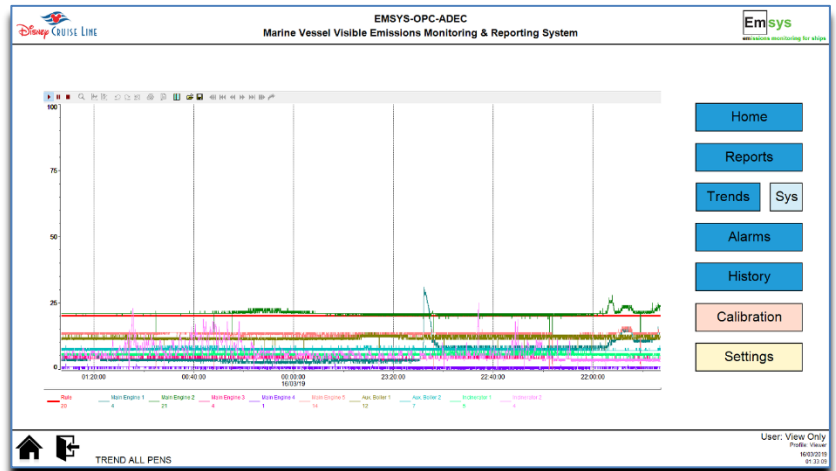
Live PM / Opacity / engine load recording

Configurable alarms and historical reporting

Recordable sensor calibration data

Up to 10 stacks can be monitored

Live trending available for each stack or all monitored stacks



Specific Reports designed to meet the requirements of Alaska DEC 18 AAC. 50.070

3-Minute rule warning and alarms

Specific report for entering / leaving port plus snapshots for each installed stack to provide documentary evidence of visible smoke emissions

