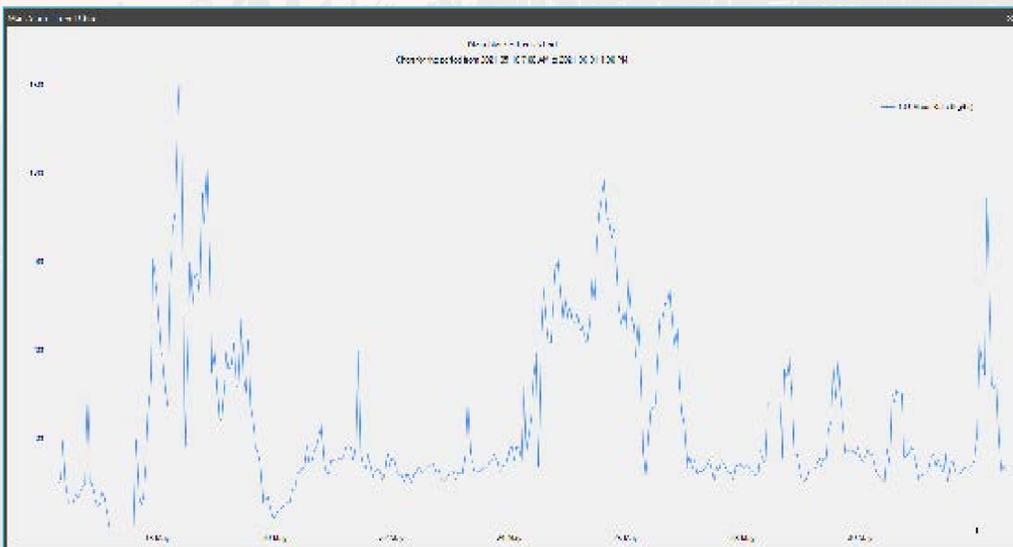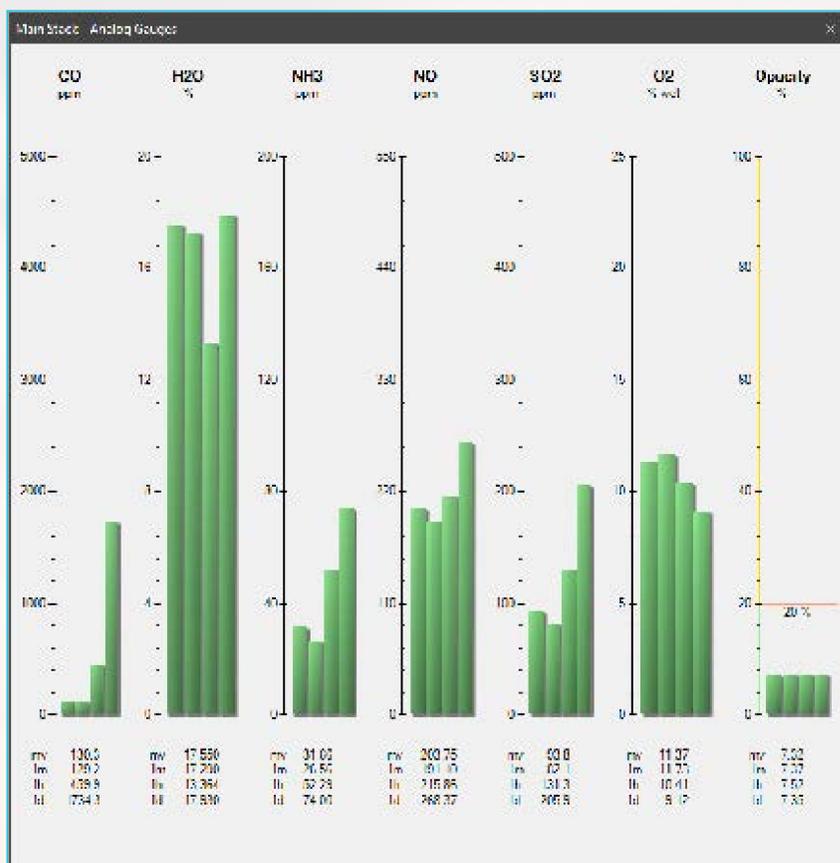# AML Continuous Emission Monitoring (CEMS)

AML-CEMS software is designed to meet CEMS monitoring and reporting requirements in an easy, reliable and cost-effective way. Our AML-CEMS package can help manage environmental audit risks and will save time with maintaining the CEMS.

Knowledge

Hint offers CEMS solutions based on knowledge acquired from numerous installations across industries such as: power generation, petrochemical, cement, waste incineration, mining, metallurgy, pulp and paper, and manufacturing.

Compliance

Limesoft solutions are proven to meet complex regulations worldwide including: Swiss OAPC, US EPA Part 60/75, EN 17255, KSA RCER and PME, Alberta CEMS Code and Canadian 1/EPS/PG7.

Certification & Security

Hint's software products are certified under MCERTS standard for Continuous Emissions Monitoring Systems. The software follows the latest cybersecurity practices for network communication, data acquisition, storage and analysis, being an integral part or independent from the plant network.

Compatibility

AML-CEMS can be fully integrated with various instruments, data loggers, DCS, PI systems and other software as Information Management systems.

Intuitive

Client-Server architecture, dashboard and touchscreen user interface allow for ease of use, full customization and multilingual display to help you quickly find the right data and generate reports.

Reliable

Data collection is performed by independent data loggers separate from reporting and analytical software. Every component has a backup to eliminate single points of failure and to ensure high data availability.

Powerful

All raw data is buffered and archived effectively for the entire project lifecycle. Proprietary calculation engine allows large scale data processing to be performed in real-time, thus simplifying data substitution, backfilling and database synchronization tasks.

Control

Tasks such as instrument validation, blowback and stream-switching are available to provide PLC-like control capabilities. All tasks and sequences can be scheduled to run continuously, automatically using a schedule, or initiated manually from Client displays.

Consolidated reporting

Multiple emission sources can be managed from a central DAS, to manage data and generate reports using multiple remote clients simultaneously. Reports can be generated automatically, saved as an Excel or PDF file, or sent by email.

Improve Maintenance

Additional diagnostic information can be obtained from analyzers, to monitor device health status, generate alarms and notifications, and to trigger maintenance procedures. It can be a great tool for preventive maintenance and to reduce downtime.