

Real-Team Emission Control System RT-ECOS

Application and strategy

RT-ECOS (Real-Team Emission Control System) is a software product based on CEMS (Continuous Emission Monitoring System) and PEMS (Predictive Emission Monitoring System) which, with a built-in dispersion model, provides a high-technology Emission Monitoring System for industrial plants.

RT-ECOS is the most cost-effective software controlling environmental protection, and also acts as a powerful tool to control production while meeting environment requirements.

Main features

RT-ECOS is based on a Client/Server architecture that supports SQL database management systems such as IBM/DB2, ORACLE, SYBASE and others.

RT-ECOS is composed of several software modules providing functionalities such as monitoring system configuration, emissions and events reporting and monitoring engine software, based on high-performance and robust multi-threading architecture.

Customer's software has been developed for Microsoft Windows NT operating system. Software migration to other platforms (IBM-AIX, SUN-SOLARIS) is planned.

RT-ECOS can be interfaced to all DCS brands available on the market.

Commercial installations

RT-ECOS has been developed by TECHNIP ITALY and is co-owned by api raffineria di Ancona S.p.A.

RT-ECOS is running at ABB- API ENERGIA Falconara Maritima gasification plant (Italy).

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RT-ECOS software architecture

