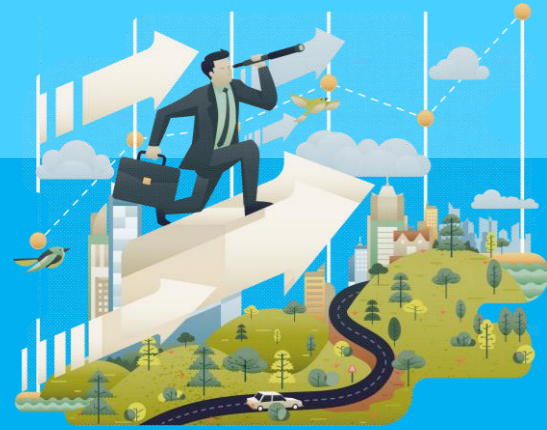


We make the world,
a better place to live.

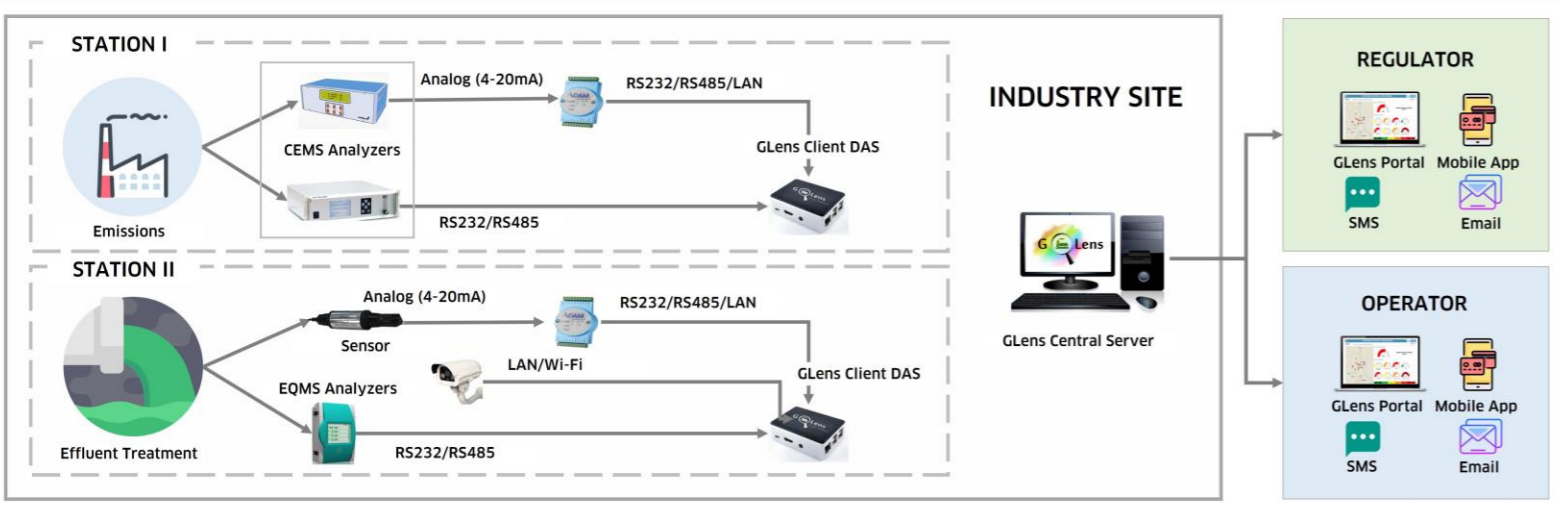


Request for a demo

✉ sales@knowledgelens.com

Our clients do care about nature, just like you.

				2500+ INDUSTRIES
				300+ CEMENTS
300+ SUGAR	20+ REFINERY	200+ POWER	100+ PULP & PAPER	
250+ MANUFACTURING	200+ AGRO-BASED	25+ FERTILIZERS		



About Knowledge Lens

We are a US based product technology company building innovative solutions on Artificial Intelligence, Big Data, Cloud, IoT and Blockchain. We have been recognized as one of the best environment solutions provider and also considered by many popular industries. Our intelligent 'Lens'es enable enterprises to create differentiated business value from data by accelerating the discovery of intelligent insights.

We have successfully transformed traditional companies worldwide to Smart Enterprises by implementing Next Generation Enterprise DataLakes (Serverless Architecture), AI Powered Intelligent Apps and Industry 4.0 solutions - both on premise and on the cloud.

Our Product Gallery

- Accelerating AI for Enterprise
- Real Time Environment Data Acquisition Monitoring and Analytics Suite
- Revolutionizing Industrial IoT for Enterprise
- High Speed Big Data Backup & Recovery Suite for Enterprise

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GLens - Real Time Environment Data Acquisition Monitoring and Analytics Suite





GLens is a real time data acquisition, monitoring, reporting and analytics software for environmental data and adheres to the requirements of EN14181 and MCERTS certified Environmental Data Management Software requirements for Environmental and Continuous Emissions Monitoring reporting systems.

The GLens software provides modules for monitoring and analytics of Continuous Ambient Air Quality Monitoring Stations (CAAQMS), Continuous Emission Monitoring Systems (CEMS), Continuous Effluent Quality Monitoring Systems (CEQMS). The main functions include monitoring station configuration (sites, stations and analyzers), technical data management (data acquisition, normalization, validation, calibration etc.) ,data processing (data display, reporting) and advanced analytics (time-series analytics, forecasting, wind rose, pollution rose, Air Quality index etc.).

Software components

GLens Client DAS

Local Data acquisition system to acquire data from any make of analyzers and provide normalization, validation, calibration and reporting capabilities

GLens Central Server

Central Server for providing consolidated view for each of the local monitoring stations and sites at a single location.

GLens Regulator Portal

Portal specifically addressing the need for Environment Regulators reporting, validation, analytics and compliance requirements.

Key Features

MCERTS, EN14181 Certified and ISO 7168 Compliant

Real Time Alerts and Alarms with SMS and Email Notification

Remote Calibration Feature in line with Qual2, Qual3 and AST

Pre-built Reports for Regulatory Compliance including IED reports

Auto generation of Qual 3 Reports and CUSUM, SHEWART and EWMA charts

Live Consolidated Dashboards including Analyzer Status and Faults

Plug and Play based protocol integration for any analyzer make and model

Secured , High integrity data transfer with encryption and digital signature

Integrated Advanced analytics, Wind rose, Pollution Role for source identification

Visible Emission Monitoring using Live Camera Feeds without any plug-ins

The Benefits

1. Connect any Analyzer, any Protocol

- Hardware agnostic platform that helps connect any analyzer make and model.
- Automated device discovery, auto-provisioning
- Remote calibration, configuration and complete protocol integration with diagnostics.

2. Monitor real-time and at scale

- Live site status, parameter monitoring and online collaboration with industries.
- Real-time Data Integrity, Data Quality monitoring, and automated data validation
- Instantaneous SMS and Email alerts with configurable rules for exceedance.
- Live monitoring with camera and GPS feeds.

3. Actionize, derive insights, and regulate

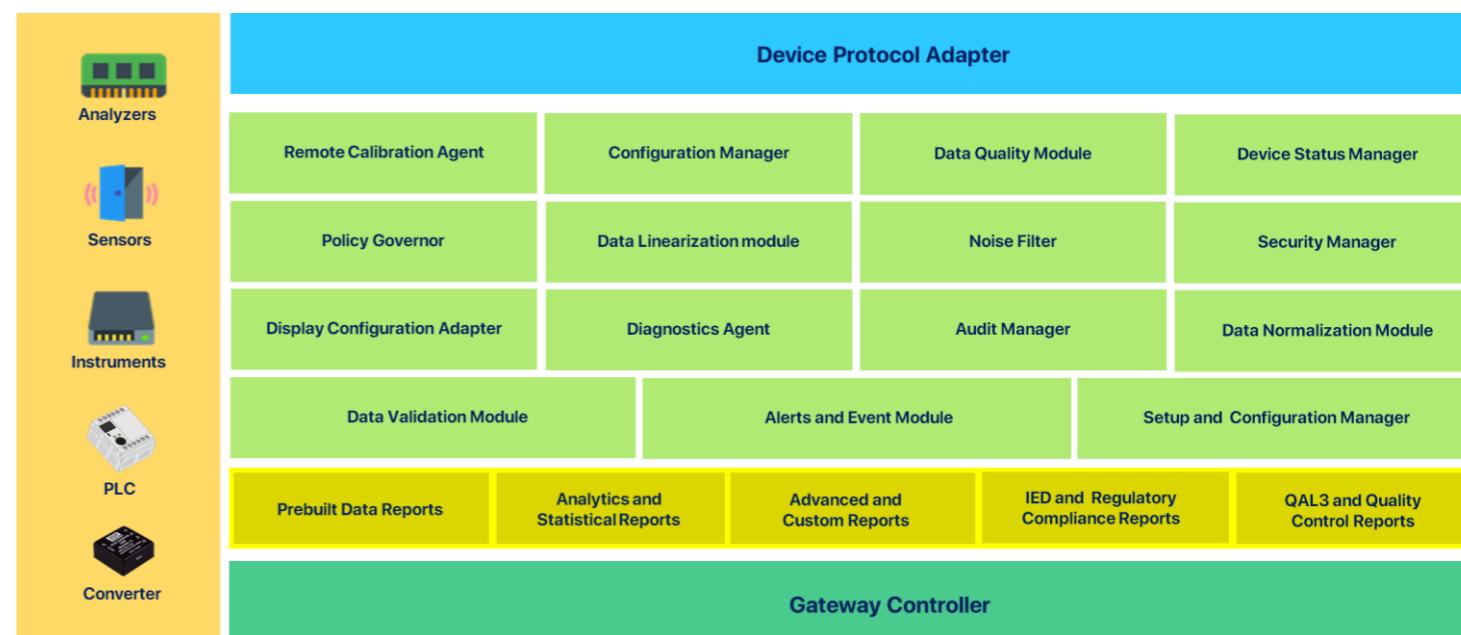
- Custom repots for exceedance, daily profile, monthly profile.
- Pre-built Regulatory compliance and IED reports
- Visualize Wind rose and pollution rose charts, get prediction models and time series forecasts
- Collaborate and automatically actionize insights for effective pollution control.

4. Remote calibration

- Supports immediate and scheduled Remote Calibration of Analyzers
- Auto generation of QAL3 Reports and CUSUM, SHEWART and EWMA Charts
- Validation system for QAL 2, QAL 3 and AST



Conceptual Architecture of GLens



Everything at one place, right in front of you

