

# Cloud Monitoring System

CLOUD 4.0

Cloud Monitoring System is a device installed at remote location that collects data, compile the data into a format and transmit the data back to a Cloud server.

Cloud Server is designed to facilitate centralizer monitoring of GSM base Remote Monitoring Unit, customer can easily visualizations the status of each site.

It can customizable user control, meaning customer can create own user level and set access level for each user. Unlimited user can be created and unlimited user can added into each user level.



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## Application

- Water/Waste Water Treatment Plant Control Monitoring System
- Palm Oil Mill Automation and Monitoring System
- Boiler Control System
- Gas Monitoring Control System
- Cloud River Water Quality Monitoring Water System
- Cloud Flood Monitoring System

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## Features

- Cloud System Database
- Can up to 20 Analog Input Channel
- Easy maintenance and calibration
- Can send Daily and Monthly report by mail
- Low cost maintenance
- Easy to install and operate
- Mobile Apps

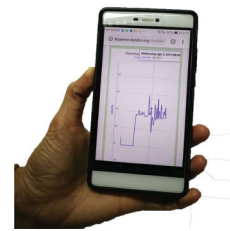
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## Benefit

- Low Cost Maintenance
- Isolated Analogue Input
- Measure Various Analogue Signal
- No required additional software to be install
- 24 hours backup power when factory power off
- User Friendly
- Can work at boiler panel condition

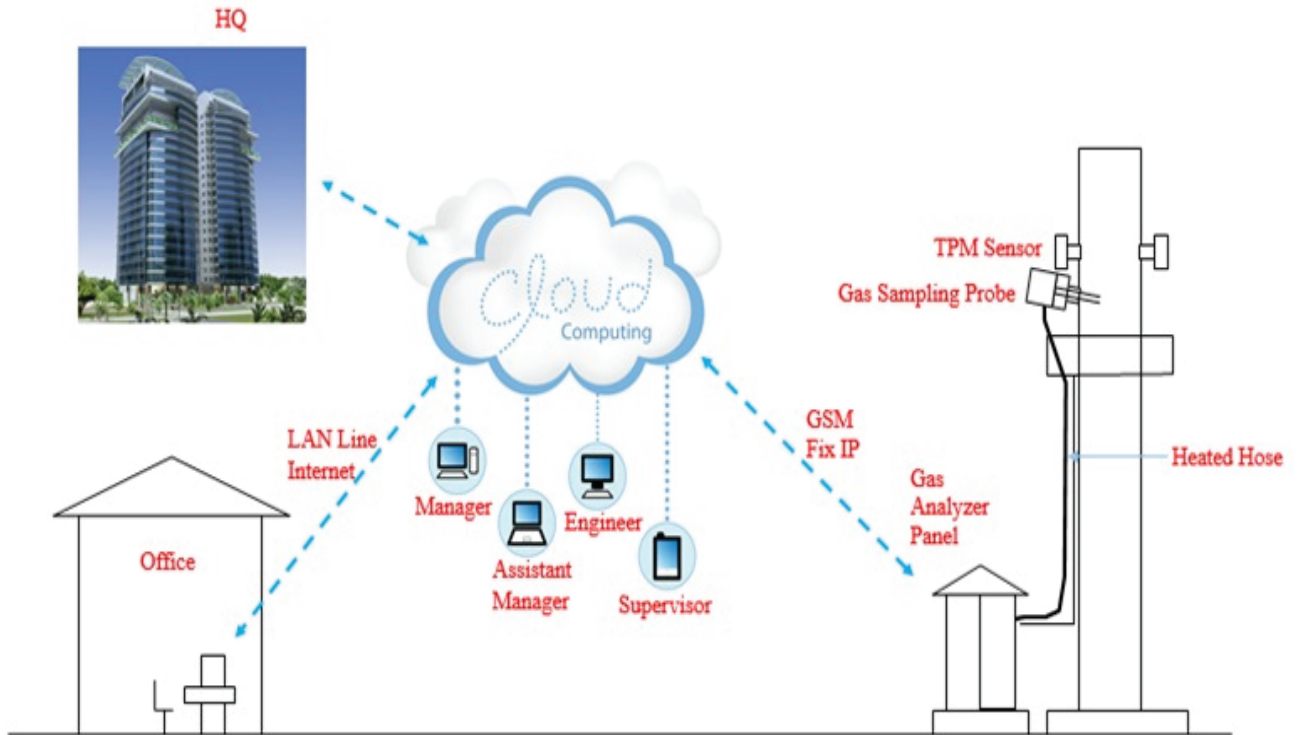
## Specification Parameter

Power	12 ~ 26VDC
Power Consumption	8 Watt
Temperature	15 ~ 70 Deg
Memory Size	512M
Input Signal	Isolated, 3-0mA, 4-20mA, 0-20mA
Modem Specs	Quad band 850 / 900 / 1600 / 1900 MHz



Cloud & Apps is ready

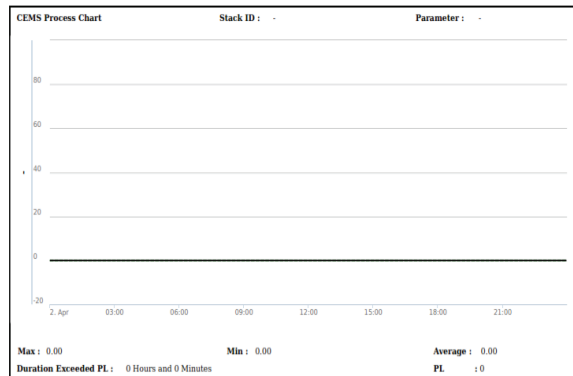
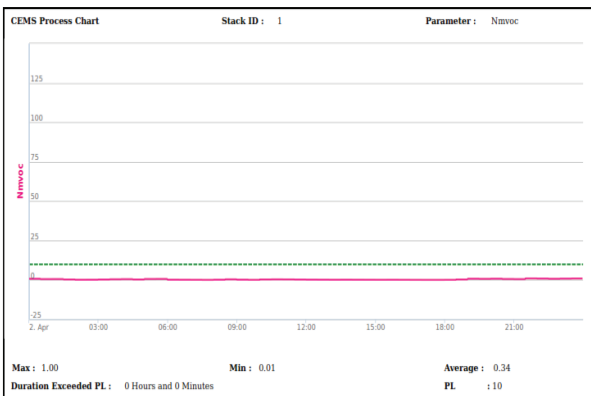
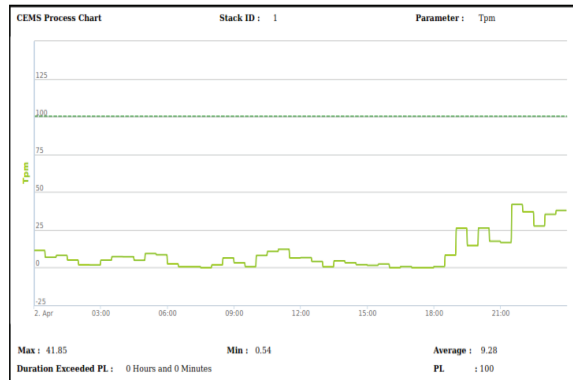
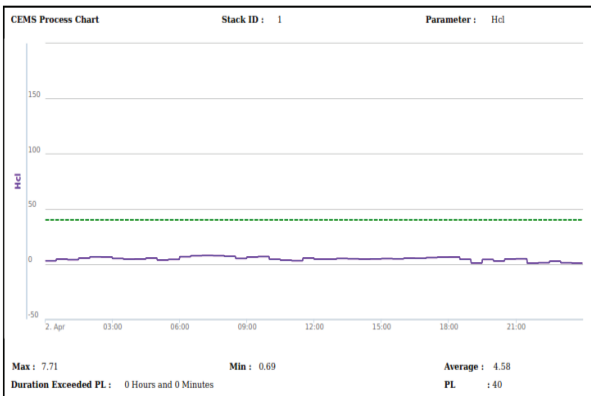
Cloud System



History Report

**CEMS Process Daily Report**

Plant Name : Hitachi PC2-2 Plant ID : 0102J3643506  
 RMU UID : 0B-FF-00-19 Report Date : 2019-04-02  
 RMU ID : ID0025 Enabled Channel : 4



**Conclusion :**  
 Hcl, stack Id 1 emission exceeds DOE permissible limit 0 times with total duration of 0 Hours and 0 Minutes  
 Nmvoc, stack Id 1 emission exceeds DOE permissible limit 0 times with total duration of 0 Hours and 0 Minutes  
 Tpm, stack Id 1 emission exceeds DOE permissible limit 0 times with total duration of 0 Hours and 0 Minutes  
 -, stack Id - emission exceeds DOE permissible limit 0 times with total duration of 0 Hours and 0 Minutes

**Recommendation :**  
 Perform CEMS system calibration once every 3 month to conform meet international requirement with test and audit guidelines