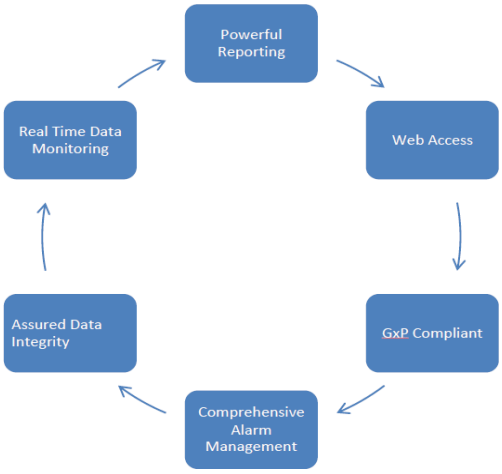
POLMON
Measure. Control. Automate.

PiSCADA - 21 CFR Compliant Web Based Datalogging Software



GAMP5 Compliant

Real Time Data Monitoring

Assured Data Integrity

Comprehensive Alarm Management & Audit Trails

Scheduled Backups & Reports

Web Access

SMS / Email Alerts

Advanced backup & Review

PiSCADA is the latest offering from Polmon in Critical Process Parameter monitoring and logging. PiSCADA securely logs the data from proprietary as well as third party data loggers, stores in the inbuilt historian, and makes the data available over the web. Comprehensive Alarm Management and Audit Trails allow GxP events to be captured and reviewed by exception.

Features

- Web based architecture. This eliminates the need for installing client software on PC. PiSCADA can be accessed from any PC through a Chrome browser.

- PiSCADA application is full-fledged with all 21 CFR Part 11 requirements and incorporates the latest Computer System Validation Requirements outlined on GAMP5.

a. Audit trail review

b. Backups and restore

c. User account deactivate

d. Access control *f* User management

- If any parameter excursions occur in the application that can be displayed with color indication in the application and also in reports.

- Data logger can store 17 days of data, this data can be automatically back-filled to the PiSCADA application

- Online and offline data can be viewed.

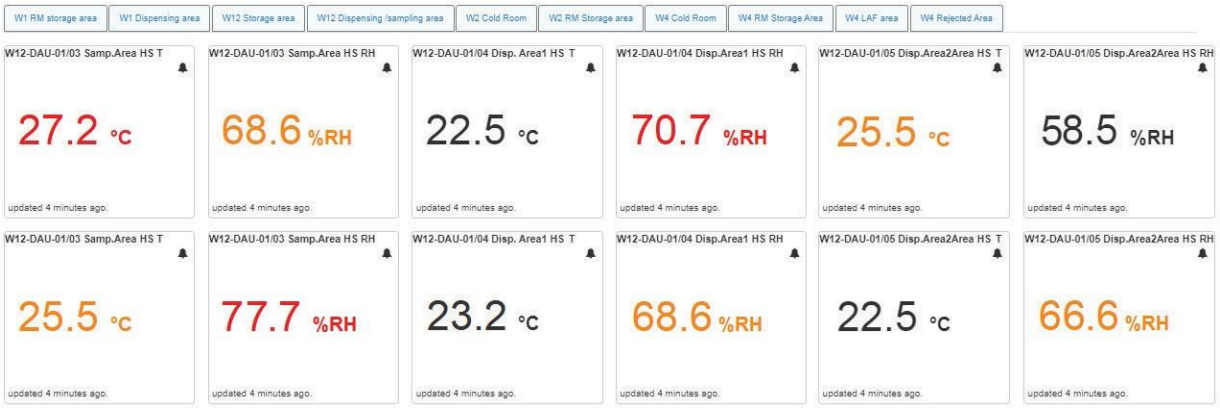
- No limitation for the creation of users.

- Reports are generated automatically by the scheduler and these reports can be sent through email.

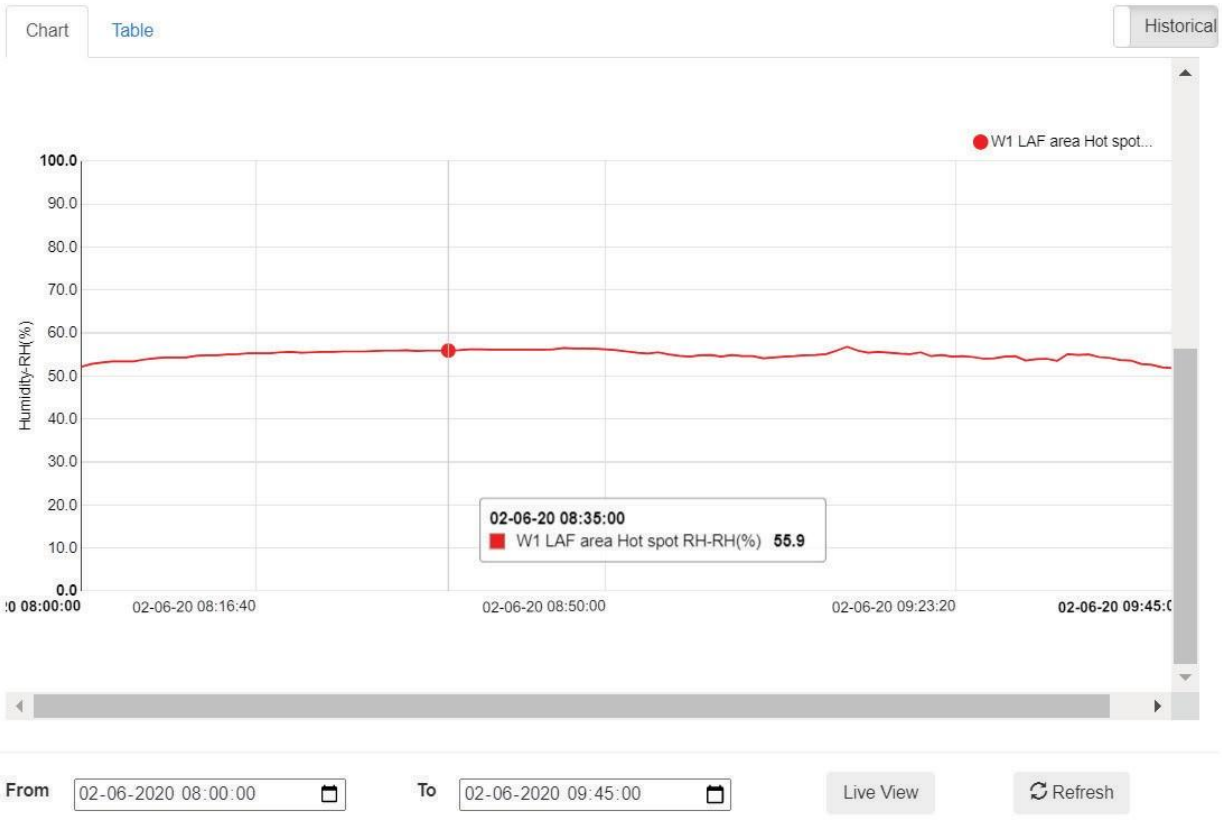
- SMS alerts

- Email alerts.

Dashboard



Graphical View



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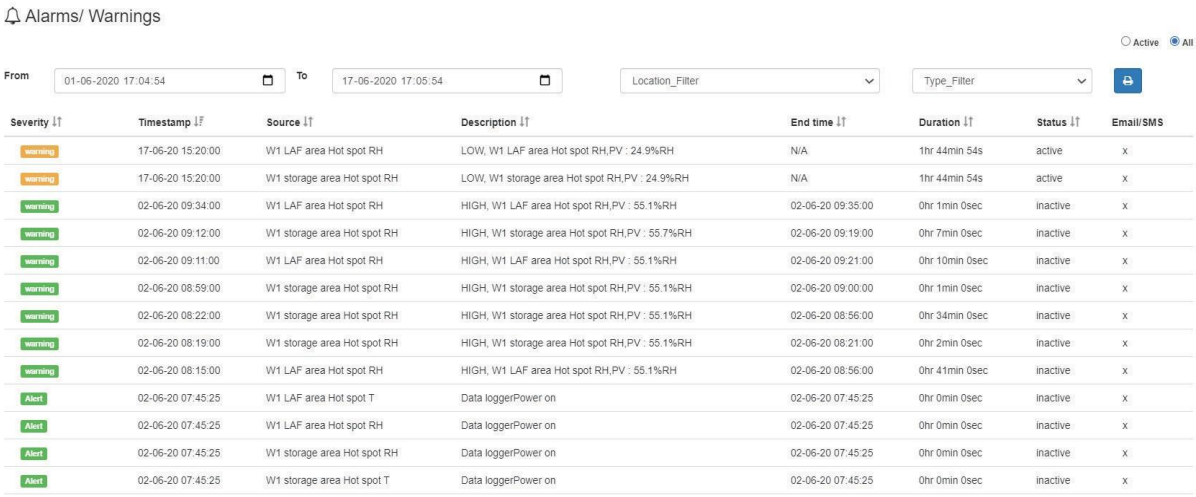
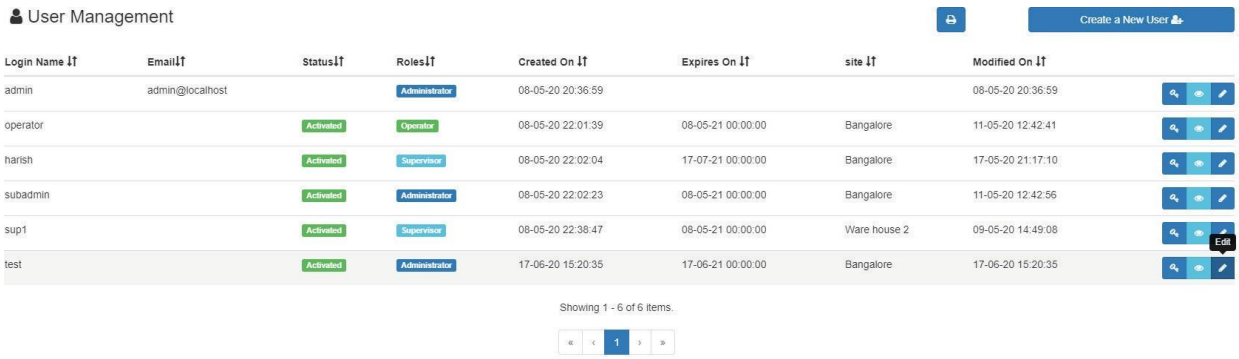
Alarms



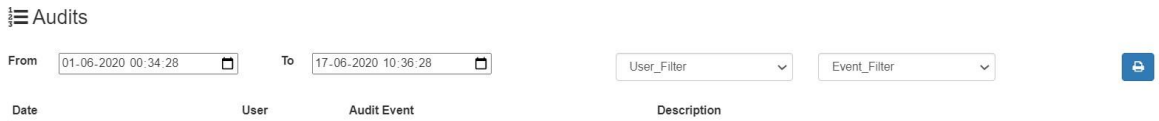
Severity	Timestamp	Source	Description	End time	Duration	Status	Email/SMS
warning	17-06-20 15:20:00	W1 LAF area Hot spot RH	LOW, W1 LAF area Hot spot RH,PV : 24.9%RH	N/A	1hr 44min 54s	active	x
warning	17-06-20 15:20:00	W1 storage area Hot spot RH	LOW, W1 storage area Hot spot RH,PV : 24.9%RH	N/A	1hr 44min 54s	active	x
warning	02-06-20 09:34:00	W1 LAF area Hot spot RH	HIGH, W1 LAF area Hot spot RH,PV : 55.1%RH	02-06-20 09:35:00	0hr 1min 0sec	inactive	x
warning	02-06-20 09:12:00	W1 storage area Hot spot RH	HIGH, W1 storage area Hot spot RH,PV : 55.7%RH	02-06-20 09:19:00	0hr 7min 0sec	inactive	x
warning	02-06-20 09:11:00	W1 LAF area Hot spot RH	HIGH, W1 LAF area Hot spot RH,PV : 55.1%RH	02-06-20 09:21:00	0hr 10min 0sec	inactive	x
warning	02-06-20 08:59:00	W1 storage area Hot spot RH	HIGH, W1 storage area Hot spot RH,PV : 55.1%RH	02-06-20 09:00:00	0hr 1min 0sec	inactive	x
warning	02-06-20 08:22:00	W1 storage area Hot spot RH	HIGH, W1 storage area Hot spot RH,PV : 55.1%RH	02-06-20 08:56:00	0hr 34min 0sec	inactive	x
warning	02-06-20 08:19:00	W1 storage area Hot spot RH	HIGH, W1 storage area Hot spot RH,PV : 55.1%RH	02-06-20 08:21:00	0hr 2min 0sec	inactive	x
warning	02-06-20 08:15:00	W1 LAF area Hot spot RH	HIGH, W1 LAF area Hot spot RH,PV : 55.1%RH	02-06-20 08:56:00	0hr 41min 0sec	inactive	x
Alert	02-06-20 07:45:25	W1 LAF area Hot spot T	Data loggerPower on	02-06-20 07:45:25	0hr 0min 0sec	inactive	x
Alert	02-06-20 07:45:25	W1 LAF area Hot spot RH	Data loggerPower on	02-06-20 07:45:25	0hr 0min 0sec	inactive	x
Alert	02-06-20 07:45:25	W1 storage area Hot spot RH	Data loggerPower on	02-06-20 07:45:25	0hr 0min 0sec	inactive	x
Alert	02-06-20 07:45:25	W1 storage area Hot spot T	Data loggerPower on	02-06-20 07:45:25	0hr 0min 0sec	inactive	x

User Management



Login Name	Email	Status	Roles	Created On	Expires On	site	Modified On
admin	admin@localhost		Administrator	08-05-20 20:36:59			08-05-20 20:36:59
operator		Activated	Operator	08-05-20 22:01:39	08-05-21 00:00:00	Bangalore	11-05-20 12:42:41
harish		Activated	Supervisor	08-05-20 22:02:04	17-07-21 00:00:00	Bangalore	17-05-20 21:17:10
subadmin		Activated	Administrator	08-05-20 22:02:23	08-05-21 00:00:00	Bangalore	11-05-20 12:42:56
sup1		Activated	Supervisor	08-05-20 22:38:47	08-05-21 00:00:00	Ware house 2	09-05-20 14:49:08
test		Activated	Administrator	17-06-20 15:20:35	17-06-21 00:00:00	Bangalore	17-06-20 15:20:35

Audit Logs



Date	User	Audit Event	Description
01-06-20 16:46:14	admin	Authentication success	Login IP : 192.168.2.41
01-06-20 16:37:21	harish	Verified	Report Name : Warehouse 1_2020-05-31T16:36:54_2020-06-01T16:36:54. Reason sdf
01-06-20 16:36:52	harish	Authentication success	Login IP : 192.168.2.41
01-06-20 16:36:47	harish	Session logout	User name : harish
01-06-20 16:35:38	harish	Verified	Report Name : Audit report_2020-06-01T16:00:00_2020-06-01T16:35:18. Reason test
01-06-20 16:35:14	harish	Authentication success	Login IP : 192.168.2.41
01-06-20 16:35:11	admin	Session logout	User name : admin
01-06-20 16:34:14	admin	Alarm report downloaded	Report Name : 2020-06-01T14:002020-06-01T16:03:07
01-06-20 16:33:53	admin	Alarm report downloaded	Report Name : 2020-06-01T14:002020-06-01T16:03:07
01-06-20 16:33:46	admin	Authentication success	Login IP : 192.168.2.41
01-06-20 16:33:43	harish	Session logout	User name : harish

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