

Sigma Information Systems,
Member of MANAGEMENT FORCE Group

PLCS SUITE 

What is this presentation about?

What is PLCS?

Why we use PLCS?

What makes PLCS unique?

A closer look at PLCS

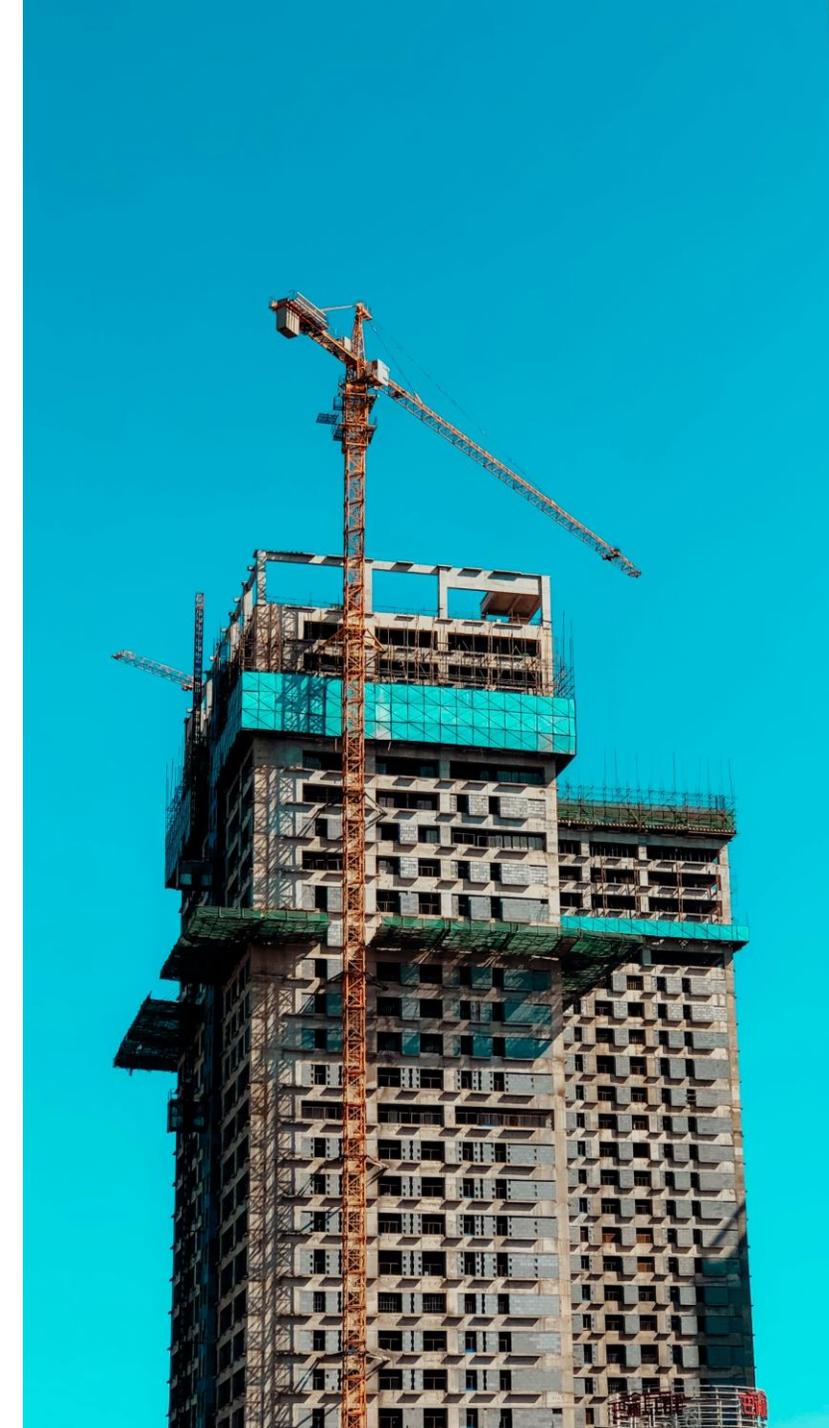


What is PLCS?

The **Project LifeCycle Suite** is a powerful web SaaS platform for the:

- Creation
 - Configuration
 - Monitoring
 - Reporting and
 - Sharing
- of project information

PLCS is designed and maintained by S.I.S. a software company member of MANGMENT FORCE Group

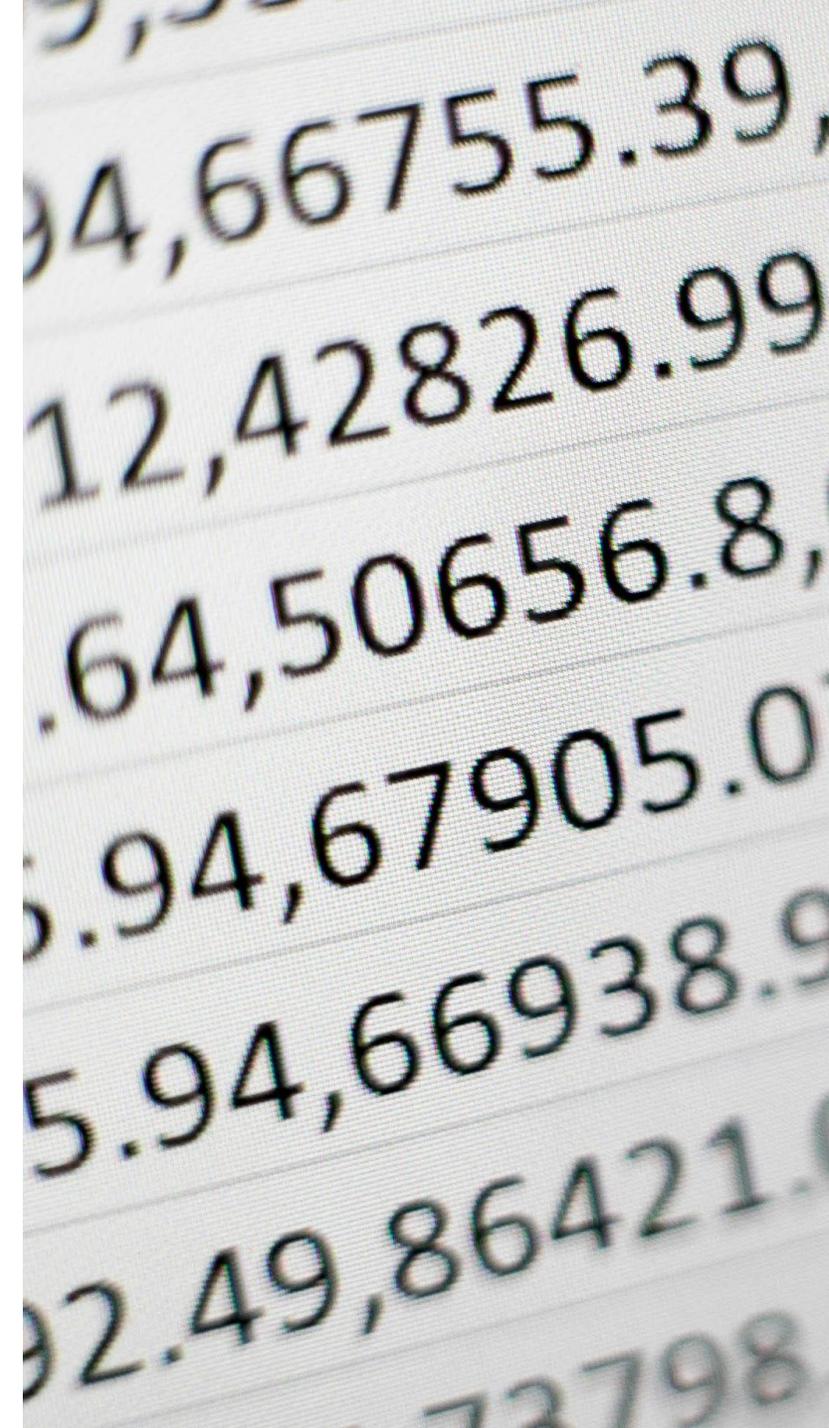


Why we use PLCS?

H&S project management are producing large volumes of data.

This data needs to be properly configured and shared for different levels of administration.

PLCS does this for you!



What makes PLCS unique?

In dealing with a database the only option is either to have specialized knowledge or hire one that does.

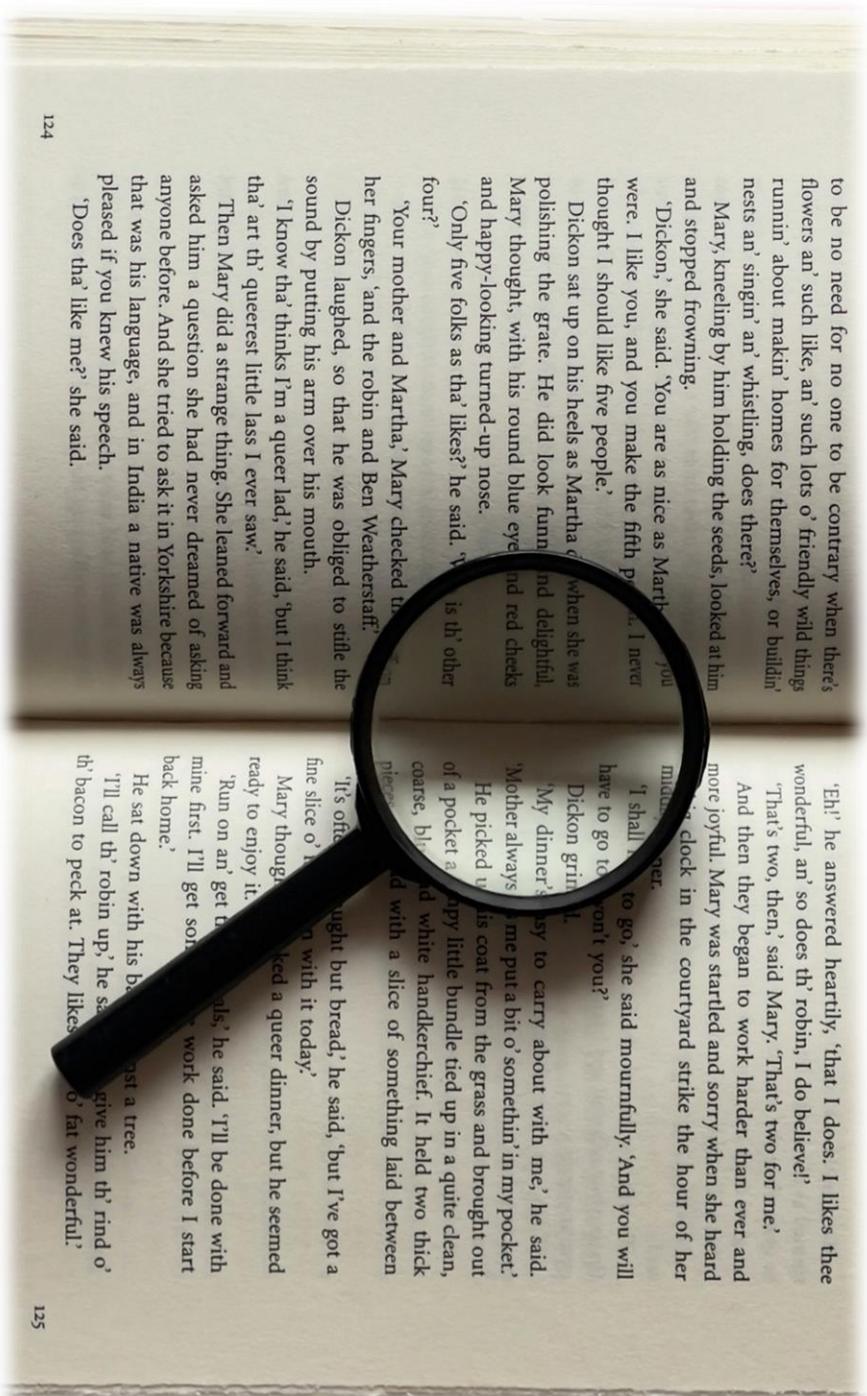
PLCS allows everyone to create, upkeep and manage a database created for each specific project.

This is a unique feature.



A closer look at PLCS

- Freedom in creating and configuring data
- Pre-configured data structures
- Ease in configuring and customizing of data
- Homogenization of information
- Dynamic reporting
- User-based data access management
- Granularity of data
- Alert notifications
- Document uploading
- Statistic: dynamic charts



1. Freedom in creating and configuring data

- Create a database for incorporating all data that are generated and support any project.

Most H&S projects include all or some of the following:

Site Equipment

Safe Pass

Permit to work

Training log

Trainees Registers

Fire Extinguishers

Incidents

Health and Safety Plans

Action Tracking

Permit to Work

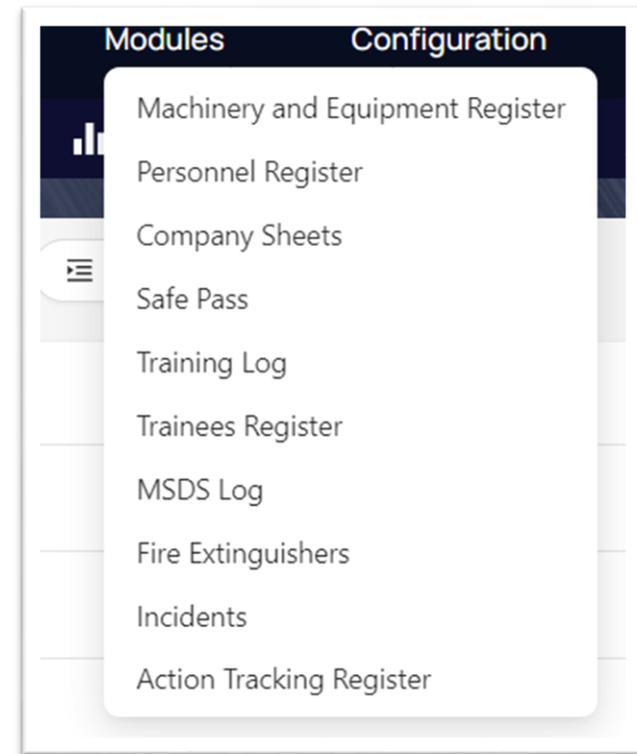
Contractor Management

Safety Inspections

MSDS Log

Action Track Register

Or any database “module” you wish to include...



2a. Pre-configured data structures

- Fields that are used in many projects are declared as parameters and are globally accessed.

Common global configurations (parameters) may be:

Companies

Clients

Subcontractors

Personnel

Vehicle types

Vehicle brands

Fire extinguishes types

Chemical substances

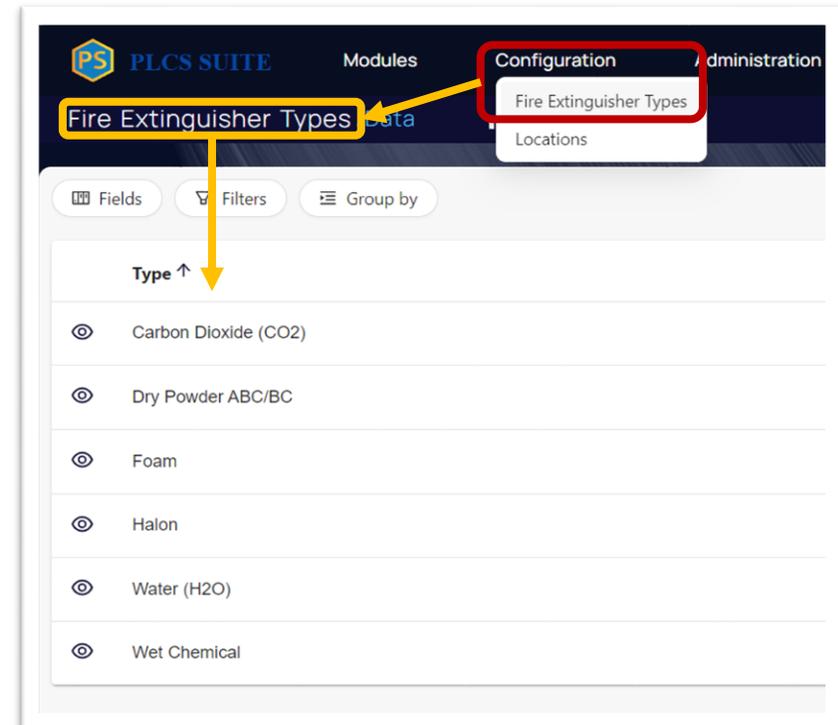
Locations in site

Training subjects

Specialties

Any closed-state lists e.g. yes/no

Or any other data structure you wish to keep for reference...



2b. Pre-configured data structures: Training

TRAINING /Data

Fields Filters 1 Group by Clear Filters Selection Dense

ID	PERSON	POSITION	TRAINING SUBJECT	DATE	RESULT
PID001	NICK NICK	GENERAL MANAGER, TEST CO SA	HS-I-02 GENERAL ISSUES PART 1 REV 0	11/03/22	FAILURE
PID001	NICK NICK	GENERAL MANAGER, TEST CO SA	HS-I-02 GENERAL ISSUES PART 2 REV 0	11/03/22	SUCCESS
PID002	NANCY NANA	ADMINISTRATIVE SECRETARY, TEST...	HS-I-02 GENERAL ISSUES PART 2 REV 0	11/03/22	SUCCESS
PID002	NANCY NANA	ADMINISTRATIVE SECRETARY, TEST...	HS-I-02 GENERAL ISSUES PART 1 REV 0	11/03/22	SUCCESS
PID004	MICHAEL LAN	FINANCIAL MANAGER, TEST CO SA	HS-I-02 GENERAL ISSUES PART 2 REV 0	11/03/22	SUCCESS
PID004	MICHAEL LAN	FINANCIAL MANAGER, TEST CO SA	HS-I-02 GENERAL ISSUES PART 1 REV 0	11/03/22	SUCCESS
PID020	GRETA GRET	DEPUTY CONTRACT MANAGER, TEST ...	HS-I-02 GENERAL ISSUES PART 2 REV 0	11/03/22	SUCCESS
PID020	GRETA GRET	DEPUTY CONTRACT MANAGER, TEST ...	HS-I-02 GENERAL ISSUES PART 1 REV 0	11/03/22	SUCCESS

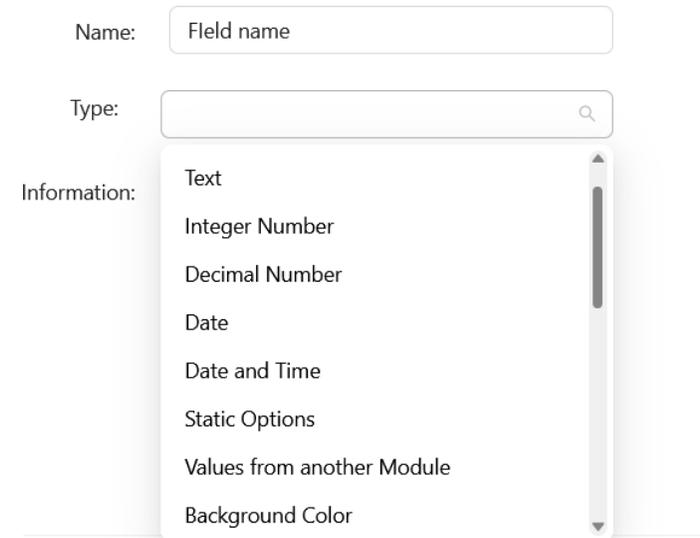
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3a. Ease in configuring...

- Configure both fields and data for any module in every project

New fields are selected from a wide range of options:

- *Numeric (both integer and decimal)*
- *Text and Long text*
- *Multiple text (bulleted text)*
- *Date or / and Time*
- *Checkbox*
- *Static options (closed number of pre-selected options)*
- *Values from another module (open number of options based on user-created parametric fields)*
- *Single and Multiple Documents/Pictures Upload*
- *Automatic Id*
- *Dependent Field (field that carries together other linked fields)*
- *Email Address*
- *Mobile Number*



The screenshot displays a configuration form with the following elements:

- Name:** A text input field containing "Field name".
- Type:** A dropdown menu with a search icon on the right.
- Information:** A list of field types displayed in a scrollable dropdown menu:
 - Text
 - Integer Number
 - Decimal Number
 - Date
 - Date and Time
 - Static Options
 - Values from another Module
 - Background Color

3b. ...and customizing of data

- Configure both fields and data for any module in every project

Any field can be fully edited:

Length

Alignment and justification

Appear in output

(for numerical) Basic statistical indexes

Available actions for any record:

Insert data

Update data

Delete data

Change type of data

Share data to database “modules”

Copy data

Mass import of data

Export

A screenshot of a configuration panel for a data field. The panel is enclosed in a light gray border and contains the following settings:

- Display in List:** A blue checkmark icon in a box, indicating it is checked.
- Width:** Two input fields. The first is labeled "List" and contains the value "200". The second is labeled "Report" and contains the value "200".
- Alignment:** A dropdown menu with "Center" selected and a downward arrow on the right.
- Display in Frame:** A blue checkmark icon in a box, indicating it is checked.
- Render:** A dropdown menu with "Deadline" selected and a downward arrow on the right.

4. Homogenization of information

Create projects by coping modules and configurations from other existing projects

Keep “global” configurations

Copies can be created with structure only or with data as well

Easy creation of project templates

Project: A CONSTRUCTION PROJECT

Module	<input type="checkbox"/> Include	Module Titles for this Project	Module Fields for this Project
Accessories	<input checked="" type="checkbox"/>	Titles	Fields
Accessory Types	<input type="checkbox"/>		
Action Track Register	<input type="checkbox"/>		
Actions	<input checked="" type="checkbox"/>	Titles	Fields
Areas	<input checked="" type="checkbox"/>	Titles	Fields
Audits Tracking Register (ATR)	<input type="checkbox"/>		

Cancel Save

5. Dynamic reporting

- Easy report generation

Create reports in Excel or Pdf

Create custom-made titles. Headers, footers

Select fields to include / exclude

The screenshot shows a 'Report' dialog box with the following configuration options:

- Report Format: PDF (dropdown), A4 (dropdown), Horizontal (dropdown)
- File Name: Report (text input)
- Report Title: Report (text input)
- Font Size: 10 (dropdown)
- Last Update: 24/05/24 (calendar icon)
- Revision Number: (empty text input)

On the right side, there is a table of 'Selected Fields' with their 'Display Order':

Selected Fields	Display Order
<input checked="" type="checkbox"/> ID	1
<input checked="" type="checkbox"/> Serial	2
<input checked="" type="checkbox"/> Field	3
<input checked="" type="checkbox"/> Requirement	4
<input checked="" type="checkbox"/> Reference	5
<input checked="" type="checkbox"/> Current status	6
<input checked="" type="checkbox"/> Deviation	7
<input checked="" type="checkbox"/> Recommendation	8
<input checked="" type="checkbox"/> Notes	9
<input checked="" type="checkbox"/> Priority	10

At the bottom right, there are 'Cancel' and 'Report' buttons.

6. User-based data access management

Module	<input type="checkbox"/> View	<input type="checkbox"/> Insert	<input type="checkbox"/> Update	<input type="checkbox"/> Delete	Field Privileges
AREAS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Field Privileges
Accessories	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Field Privileges
Accessory Types	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Field Privileges
Action Track Register	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Field Privileges
Actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Field Privileges
Alerts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Field Privileges
Application Menu	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Field Privileges

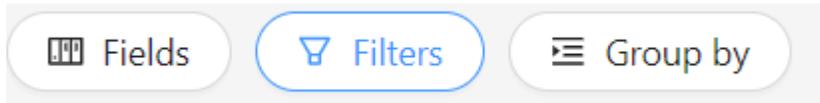
- Set-up user roles
- Define role privileges
- And associate people to one or different roles

Role privileges can go as far specific actions to each and every field and module

Role Name	Module Privileges
Admin	Module Privileges
Demo User	Module Privileges
HR User	Module Privileges

7. Granularity of data

- Filtering and grouping features



*Create filter / filter combinations out of every field
Dynamically create and collapse groups of data
Hide and unhide any field(s)
Easy sorting capabilities*

The screenshot shows a data table with a header row and several data rows. The header row has three columns: 'S/N', 'Inspection Date', and 'Type'. The 'S/N' column is sorted in descending order, indicated by a downward arrow. The 'Inspection Date' column is sorted in ascending order, indicated by an upward arrow. The 'Type' column is sorted in descending order, indicated by a downward arrow. The data rows are grouped by 'Type'. The 'Foam' group is expanded, showing two rows with S/N values 219641 and 219988, both with an inspection date of 26/02/19. The 'Halon' group is also expanded, showing two rows with S/N values 1620 and 45251/10, both with an inspection date of 26/02/19. The table has a search bar at the top and a toolbar with 'Fields', 'Filters', and 'Group by' buttons.

S/N	Inspection Date	Type
> Carbon Dioxide (CO2)		
> Dry Powder ABC/BC		
∨ Foam		
219641	26/02/19	Foam
219988	26/02/19	Foam
∨ Halon		
1620	26/02/19	Halon
45251/10	27/02/19	Halon

8. Alert notifications

- Dynamic alert creation for each deferent projects.

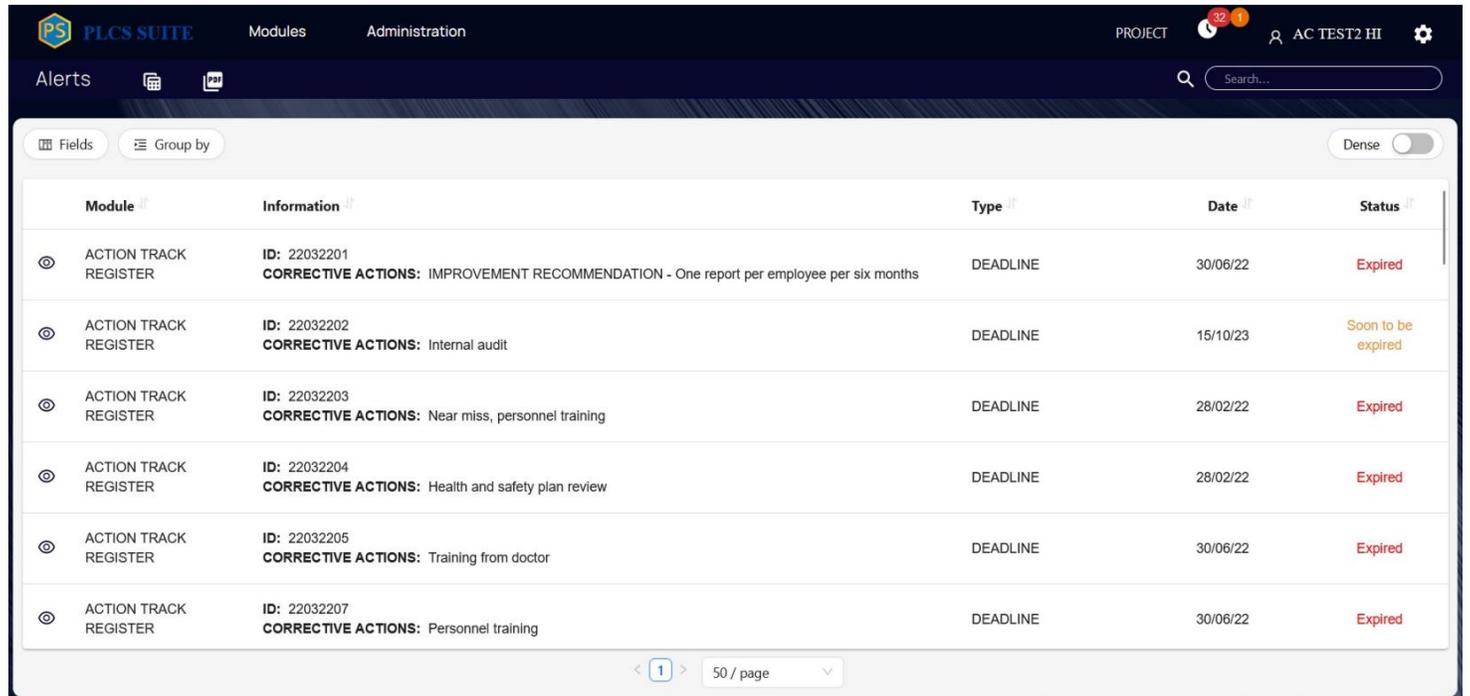
The existence of alert notification

Alert expired actions by deadline

Alert pre-configuring trainings

Alert action tracks registers

Alert notifications could be send throw
Emails or dashboard menu.



The screenshot displays the 'Alerts' section of the PLCS SUITE interface. The table lists several alerts, all of which are 'DEADLINE' type. The status of these alerts varies, with some being 'Expired' and others 'Soon to be expired'. The table columns are: Module, Information, Type, Date, and Status.

Module	Information	Type	Date	Status
ACTION TRACK REGISTER	ID: 22032201 CORRECTIVE ACTIONS: IMPROVEMENT RECOMMENDATION - One report per employee per six months	DEADLINE	30/06/22	Expired
ACTION TRACK REGISTER	ID: 22032202 CORRECTIVE ACTIONS: Internal audit	DEADLINE	15/10/23	Soon to be expired
ACTION TRACK REGISTER	ID: 22032203 CORRECTIVE ACTIONS: Near miss, personnel training	DEADLINE	28/02/22	Expired
ACTION TRACK REGISTER	ID: 22032204 CORRECTIVE ACTIONS: Health and safety plan review	DEADLINE	28/02/22	Expired
ACTION TRACK REGISTER	ID: 22032205 CORRECTIVE ACTIONS: Training from doctor	DEADLINE	30/06/22	Expired
ACTION TRACK REGISTER	ID: 22032207 CORRECTIVE ACTIONS: Personnel training	DEADLINE	30/06/22	Expired

9. Document uploading

- Dynamic uploading documents that represent a specific function for a database

The functionality of uploaded documents may be:

Clients documents (diplomas/degrees)

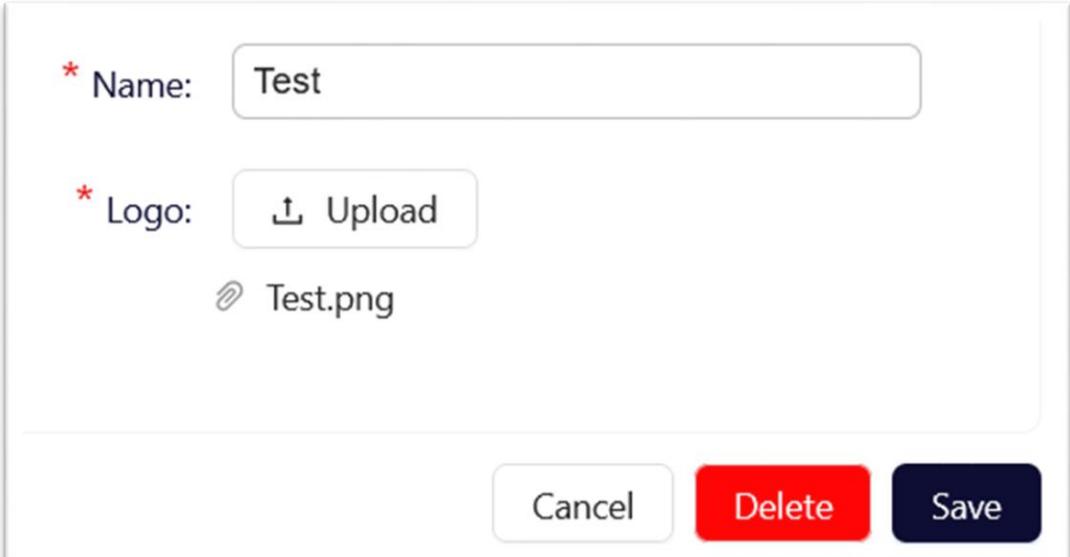
Consultants documents

Reports

Medical records

Work permits

Or any other document you wish to keep for reference...



The screenshot shows a web form for document uploading. It features two required fields, each marked with a red asterisk (*). The first field is labeled "Name:" and contains the text "Test". The second field is labeled "Logo:" and contains an "Upload" button with an upward-pointing arrow icon. Below the "Logo:" field, there is a file attachment icon (a paperclip) followed by the text "Test.png". At the bottom right of the form, there are three buttons: "Cancel" (white with a grey border), "Delete" (red), and "Save" (dark blue).

10. Statistics: dynamic charts

- Charting in PLCS is currently under reconstructor for optimization



Customization

PLCS can be fully customized to any needs

Sigma Information Systems software development team, will be happy to show you the full capabilities of the PLCS suite





Thank you for your interest!

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[Video review](#)

Questions and Discussion...