

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

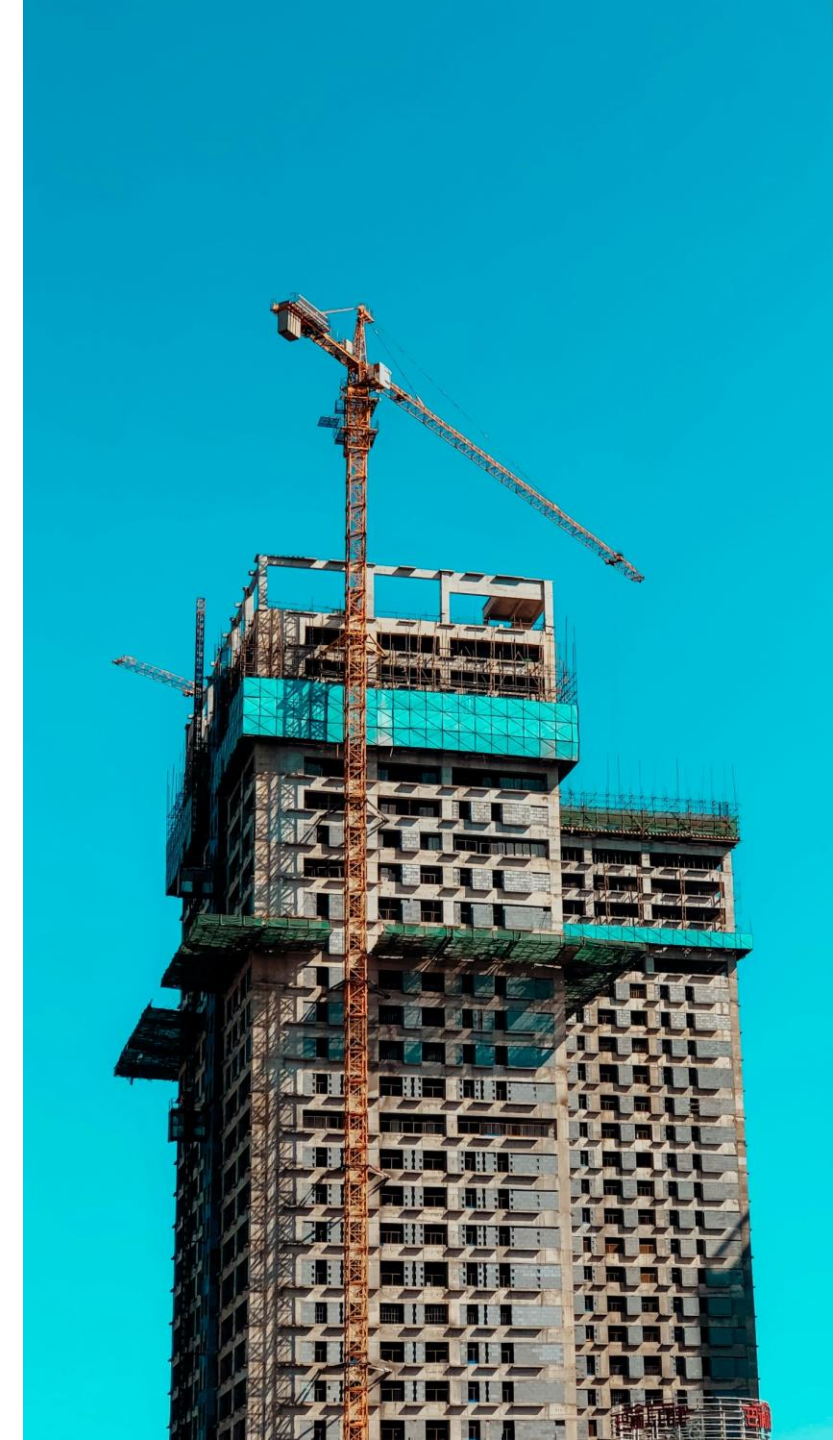


# What is PLCS?

The **P**roject **L**ife**C**ycle **S**uite 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

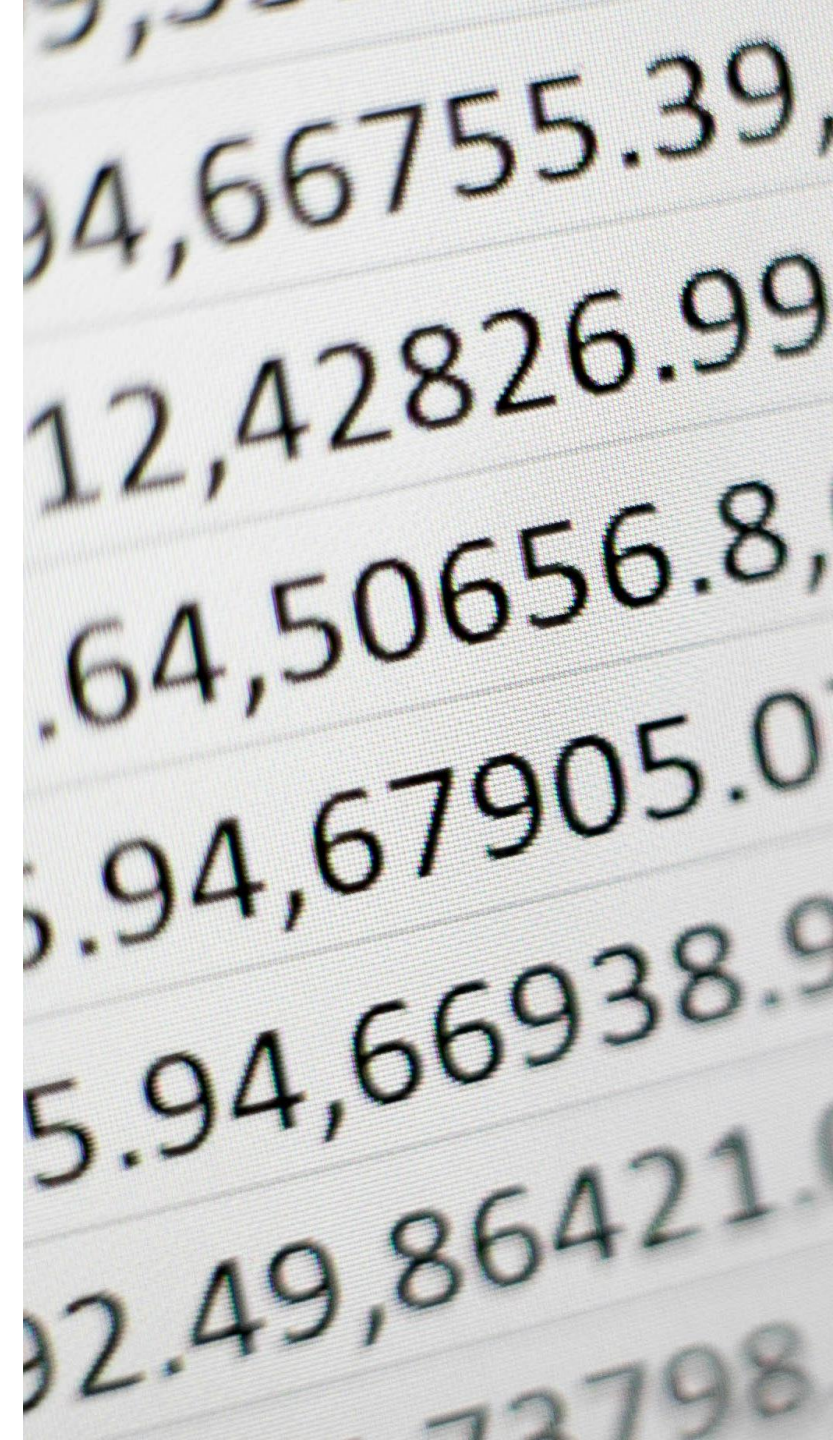


# Why we use PLCS?

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

to be no need for no one to be contrary when there's flowers an' such like, an' such lots o' friendly wild things runnin' about makin' homes for themselves, or buildin' nests an' singin' an' whistling, does there?

Mary, kneeling by him holding the seeds, looked at him and stopped frowning.

'Dickon,' she said, 'You are as nice as Martha. You were, I like you, and you make the fifth person. I never thought I should like five people.'

Dickon sat up on his heels as Martha said when she was polishing the grate. He did look funny and delightful, Mary thought, with his round blue eyes and red cheeks and happy-looking turned-up nose.

'Only five folks as tha' likes?' he said. 'What is th' other four?'

'Your mother and Martha,' Mary checked the list on her fingers, 'and the robin and Ben Weatherstaff.'

Dickon laughed, so that he was obliged to stifle the sound by putting his arm over his mouth.

'I know tha' thinks I'm a queer lad,' he said, 'but I think tha' art th' queerest little lass I ever saw.'

Then Mary did a strange thing. She leaned forward and asked him a question she had never dreamed of asking anyone before. And she tried to ask it in Yorkshire because that was his language, and in India a native was always pleased if you knew his speech.

'Does tha' like me?' she said.

'Eh!' he answered heartily, 'that I does. I likes thee wonderful, an' so does th' robin, I do believe!'

'That's two, then,' said Mary, 'That's two for me.'

And then they began to work harder than ever and more joyful. Mary was startled and sorry when she heard more joyful. Mary was startled and sorry when she heard more joyful. Mary was startled and sorry when she heard more joyful.

'I shall have to go,' she said mournfully. 'And you will have to go too, won't you?'

Dickon grinned.

'My dinner's easy to carry about with me,' he said. 'Mother always says I'm put a bit o' somethin' in my pocket.'

He picked up his coat from the grass and brought out of a pocket a happy little bundle tied up in a quite clean, coarse, blue and white handkerchief. It held two thick pieces of bread and with a slice of something laid between them.

'It's often thought but bread,' he said, 'but I've got a fine slice o' butter on with it today.'

Mary thought of the queer dinner, but he seemed ready to enjoy it.

'Run on an' get th' seeds,' he said. 'I'll be done with mine first. I'll get some more work done before I start back home.'

He sat down with his back to a tree.

'I'll call th' robin up,' he said. 'I'll give him th' rind o' th' bacon to peck at. They likes it o' fat wonderful.'

# 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*

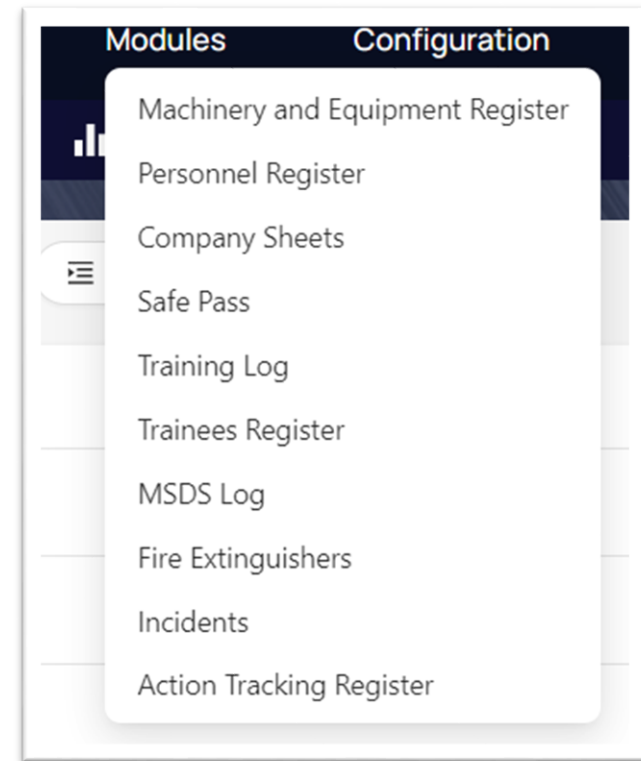
*Contractor Management*

*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*

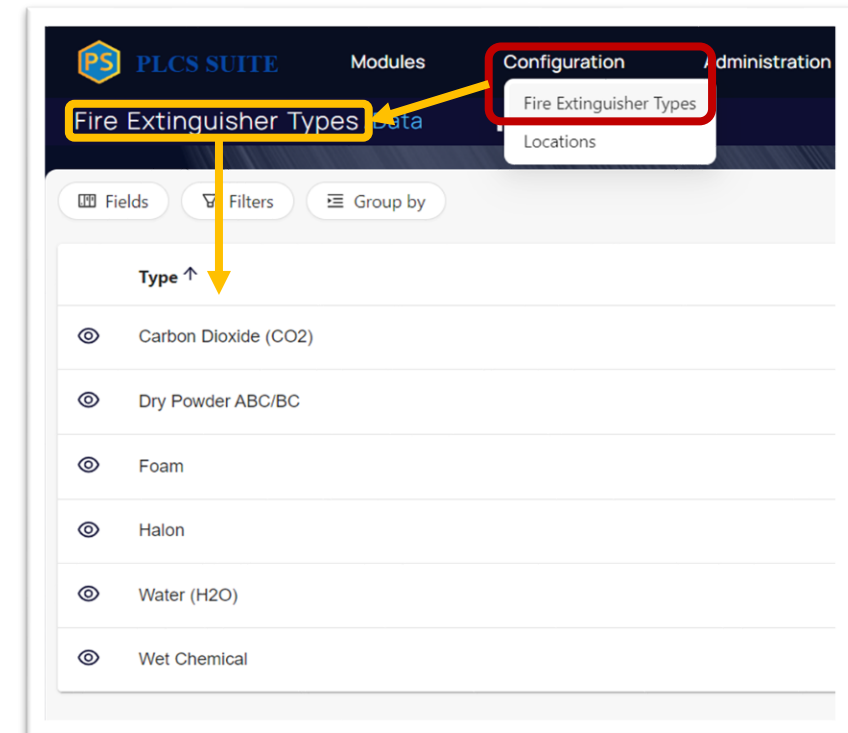
*Locations in site*

*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

+

Search...

Fields

Filters 1

Group by

Clear Filters

Selection

Dense

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

< 1 2 >

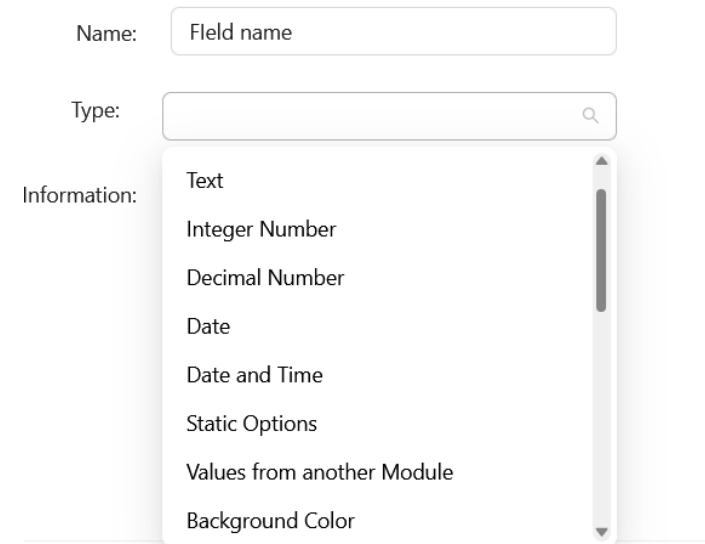
50 / page

# 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 interface for a new field. It includes three main sections: 'Name:', 'Type:', and 'Information:'. The 'Name:' section has a text input field containing 'Field name'. The 'Type:' section has a dropdown menu that is currently open, showing a list of field types: 'Text', 'Integer Number', 'Decimal Number', 'Date', 'Date and Time', 'Static Options', 'Values from another Module', and 'Background Color'. The 'Information:' section is currently empty.

## 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*

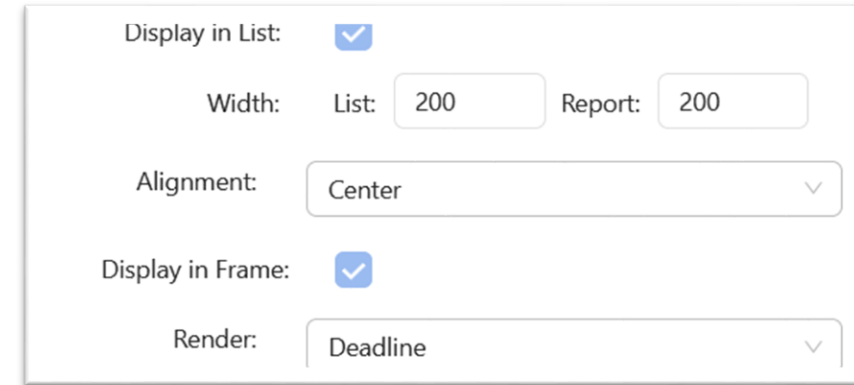
*Change type of data*

*Share data to database “modules”*

*Copy data*

*Mass import of data*

*Export*



A screenshot of a configuration panel for a data field. The panel has a light gray background and a thin border. It contains the following settings:

- Display in List:** A checkbox with a blue checkmark, 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 checkbox with a blue checkmark, 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"/>	<div>Titles</div>	<div>Fields</div>
Accessory Types	<input type="checkbox"/>		
Action Track Register	<input type="checkbox"/>		
Actions	<input checked="" type="checkbox"/>	<div>Titles</div>	<div>Fields</div>
Areas	<input checked="" type="checkbox"/>	<div>Titles</div>	<div>Fields</div>
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*

Report Format:

PDF

A4

Horizontal

File Name:

Report

Report Title:

Report

Font Size:

10

Last Update:

24/05/24

Revision Number:

	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

Cancel

Report

# 6. User-based data access management

Module	<input type="checkbox"/> View	<input type="checkbox"/> Insert	<input type="checkbox"/> Update	<input type="checkbox"/> Delete	
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

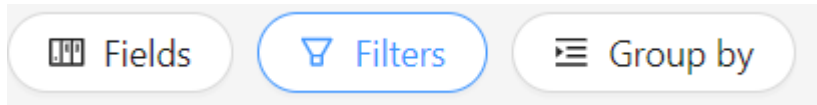
- Set-up user roles
- Define role privileges
- And associate people to one or different roles

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

Role Name	
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

A screenshot of a data table interface. At the top, there are three buttons: 'Fields' (grid icon), 'Filters' (funnel icon), and 'Group by' (list icon). Below these are three column headers: 'S/N' with a sort icon, 'Inspection Date' with an upward arrow, and 'Type' with a sort icon. The table content is grouped by 'Type'. The first group is 'Foam', which is expanded to show two rows: one with S/N 219641 and one with S/N 219988, both dated 26/02/19. The second group is 'Halon', which is also expanded to show two rows: one with S/N 1620 and one with S/N 45251/10, both dated 26/02/19. The first row of the 'Halon' group is highlighted in blue. Each row has a circular icon with a dot inside, likely for toggling visibility.

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.

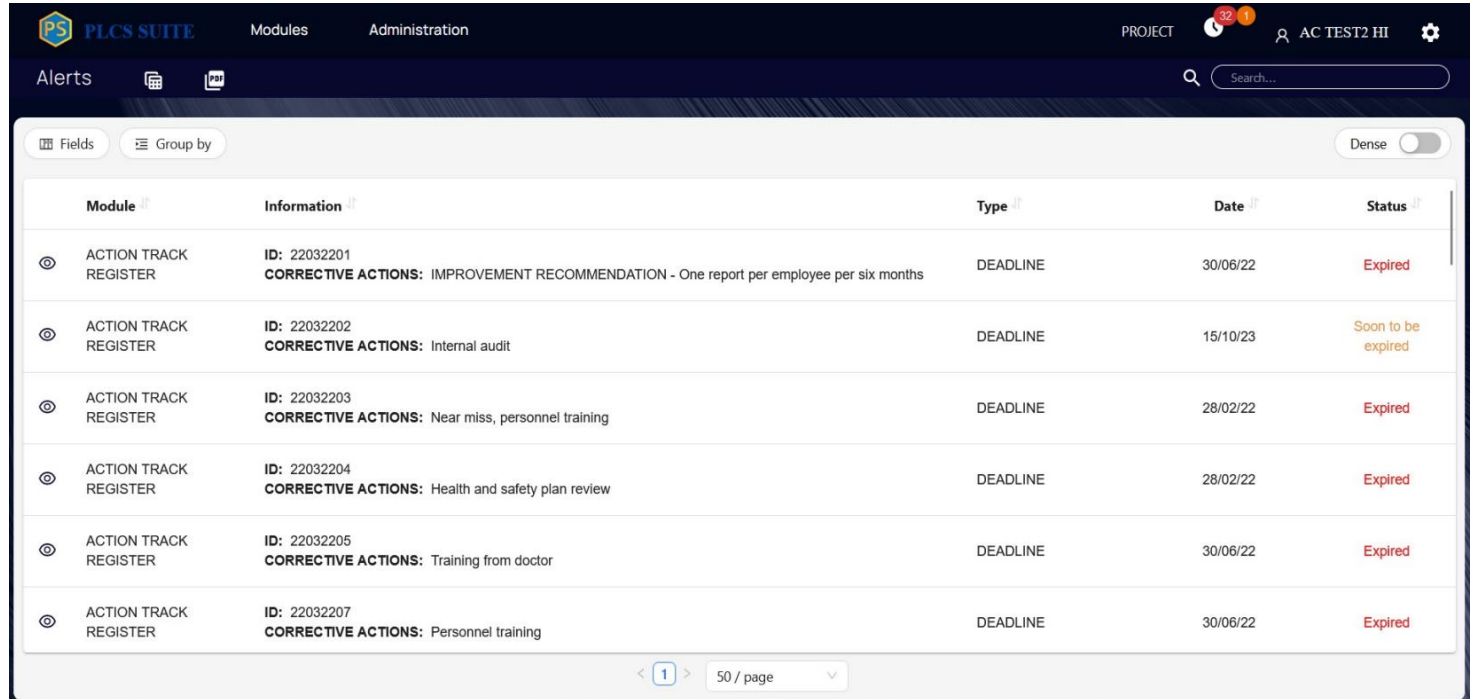
The existence of alert notification

*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' application. The interface includes a top navigation bar with 'Modules' and 'Administration' tabs, a search bar, and a user profile 'AC TEST2 HI'. Below the navigation bar, there are tabs for 'Fields' and 'Group by', and a 'Dense' toggle switch. The main content area is a table with the following columns: 'Module', 'Information', 'Type', 'Date', and 'Status'. The table contains six rows of data, all with the 'Module' 'ACTION TRACK REGISTER' and 'Type' 'DEADLINE'. The 'Status' column shows 'Expired' for most entries and 'Soon to be expired' for one. The 'Information' column provides details for each entry, including an ID and 'CORRECTIVE ACTIONS'.

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)*

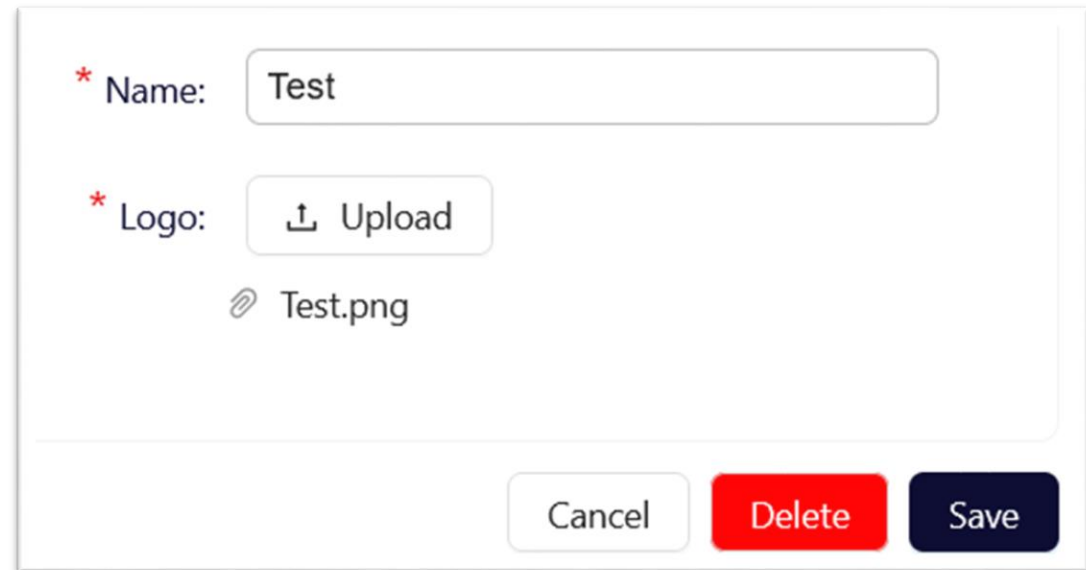
*Consultants documents*

*Reports*

*Medical records*

*Work permits*

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



A screenshot of a web form for uploading documents. The form has a light gray border and a white background. It contains two main sections. The first section is labeled with a red asterisk and the text "Name:" followed by a text input field containing the word "Test". The second section is labeled with a red asterisk and the text "Logo:". To the right of this label is a button with an upward arrow icon and the text "Upload". Below the "Upload" button, there is a small paperclip icon followed by the text "Test.png". At the bottom right of the form, there are three buttons: "Cancel" (light gray), "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!

---

Sigma Information Systems  
Athens: 10 - 12, Kifissias Ave, 15125, Maroussi  
+30 210 6178080  
[sis@mforsafety.com](mailto:sis@mforsafety.com)  
[Video review](#)

**Questions and Discussion...**