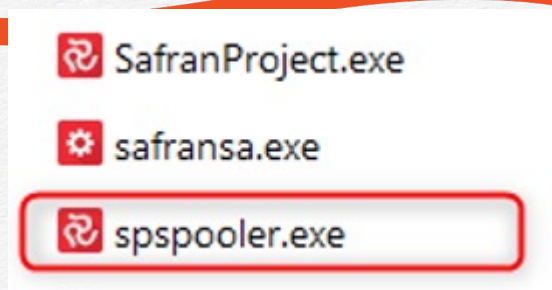
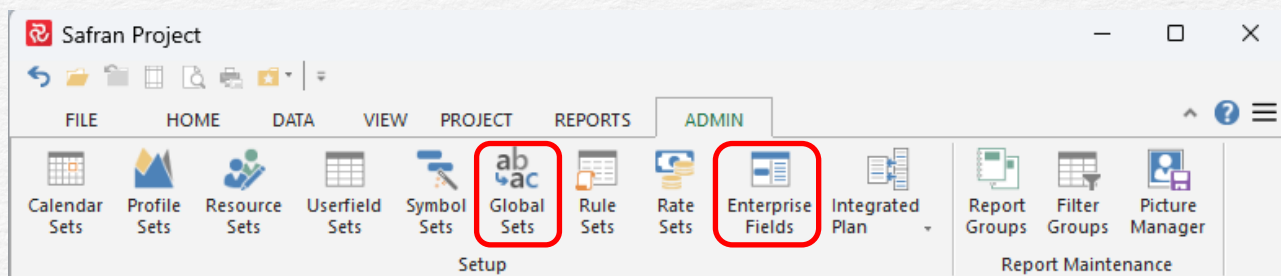
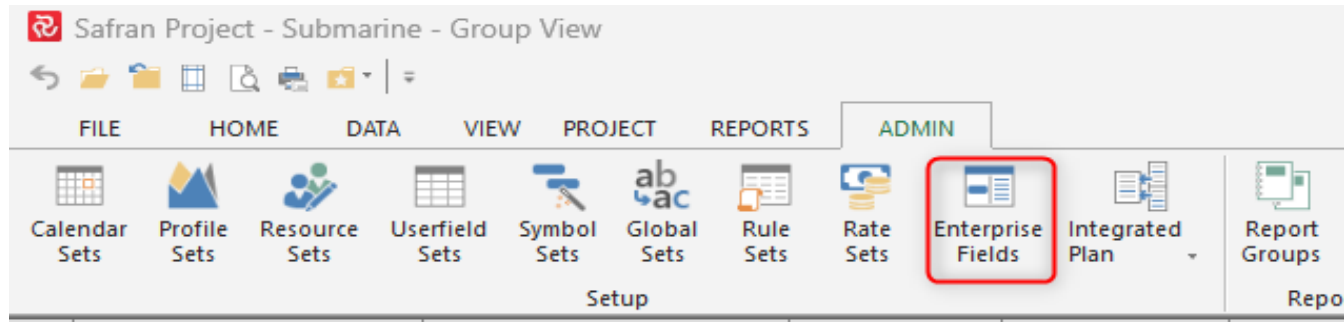


Enterprise Fields, Global Set, & the Report Spooler



Enterprise Fields

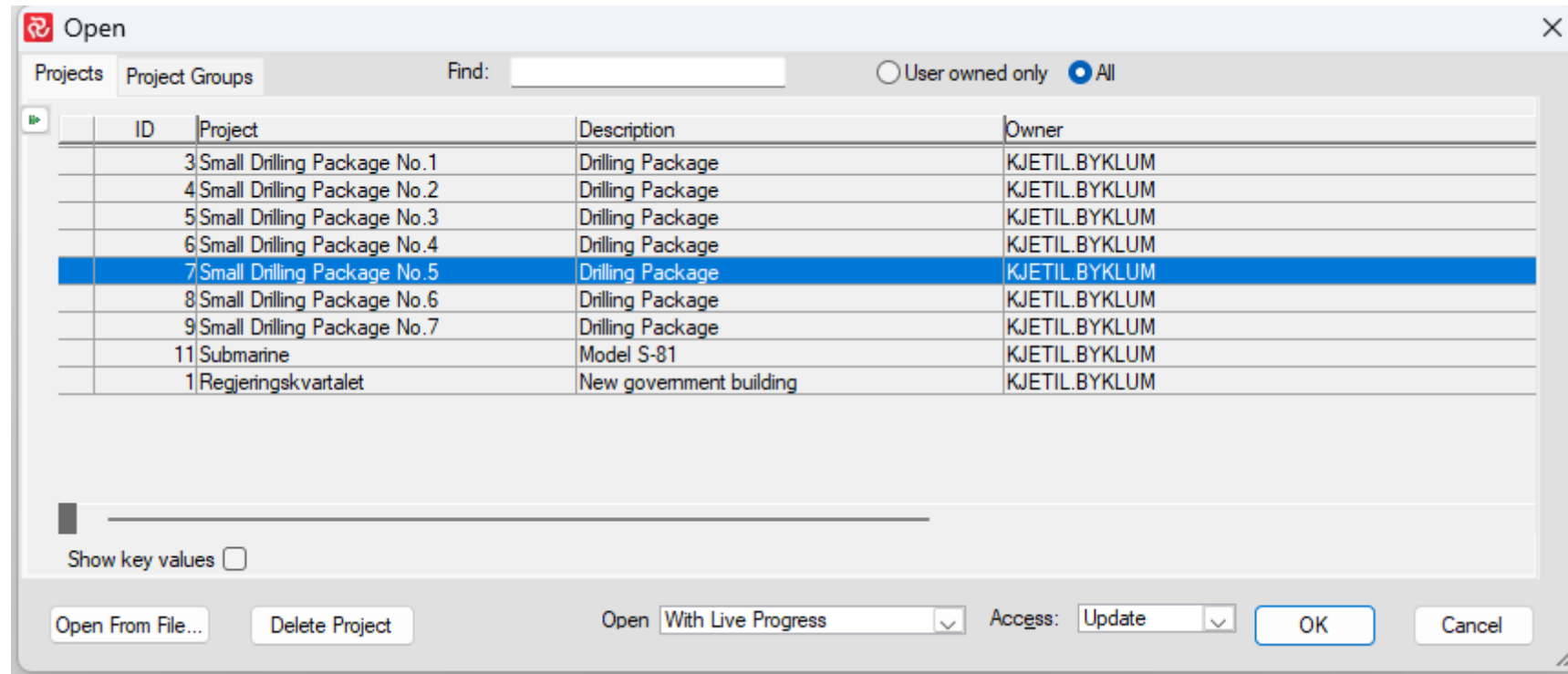
What are the enterprise fields good for?



- “Enterprise fields are often used to categorise, filter or sort **projects** when working with Safran”.
- Unlike Userfields, which are assigned at the activity level, an Enterprise field is assigned at the Project level.
- It can also be used in Project Group Reports such as Histograms or Progress Summary, just like any other userfield.

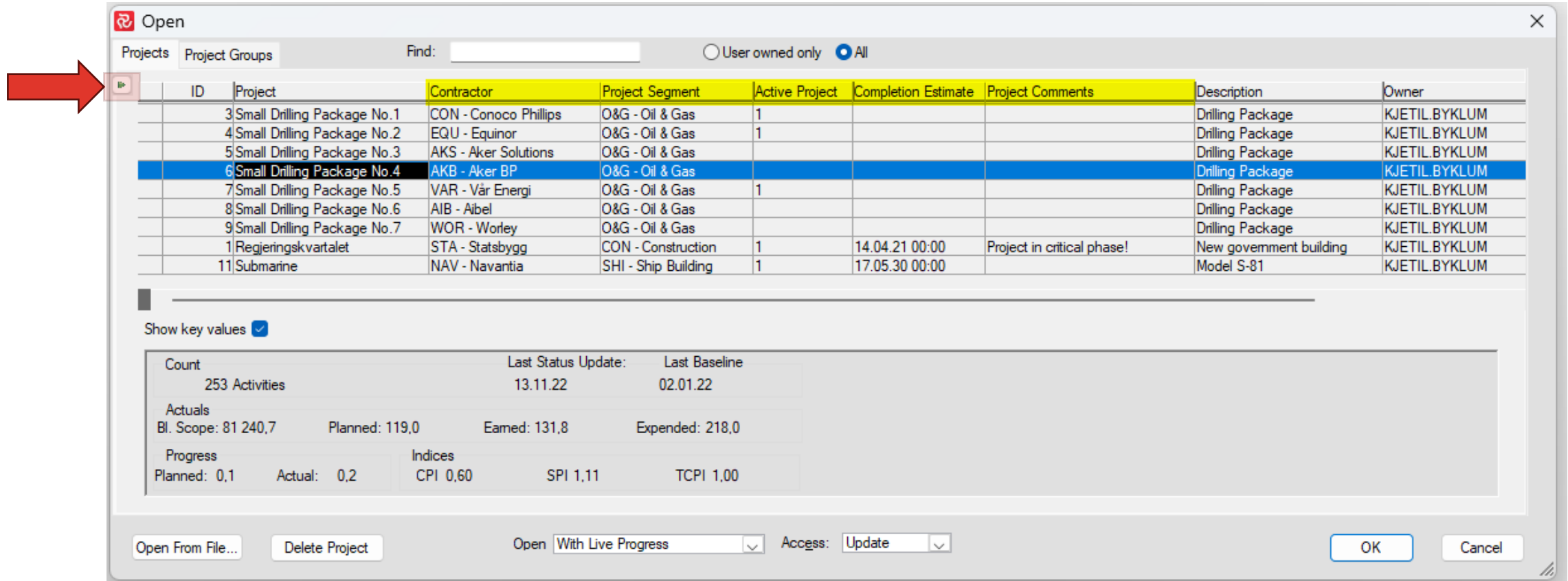
Enterprise Fields

File->Open without Enterprise fields:



Enterprise Fields

Open with Enterprise fields enabled



Open

Projects Project Groups Find: User owned only All

ID	Project	Contractor	Project Segment	Active Project	Completion Estimate	Project Comments	Description	Owner
3	Small Drilling Package No.1	CON - Conoco Phillips	O&G - Oil & Gas	1			Drilling Package	KJETIL.BYKLUM
4	Small Drilling Package No.2	EQU - Equinor	O&G - Oil & Gas	1			Drilling Package	KJETIL.BYKLUM
5	Small Drilling Package No.3	AKS - Aker Solutions	O&G - Oil & Gas				Drilling Package	KJETIL.BYKLUM
6	Small Drilling Package No.4	AKB - Aker BP	O&G - Oil & Gas				Drilling Package	KJETIL.BYKLUM
7	Small Drilling Package No.5	VAR - Vår Energi	O&G - Oil & Gas	1			Drilling Package	KJETIL.BYKLUM
8	Small Drilling Package No.6	AIB - Aibel	O&G - Oil & Gas				Drilling Package	KJETIL.BYKLUM
9	Small Drilling Package No.7	WOR - Worley	O&G - Oil & Gas				Drilling Package	KJETIL.BYKLUM
1	Regjeringskvartalet	STA - Statsbygg	CON - Construction	1	14.04.21 00:00	Project in critical phase!	New government building	KJETIL.BYKLUM
11	Submarine	NAV - Navantia	SHI - Ship Building	1	17.05.30 00:00		Model S-81	KJETIL.BYKLUM

Show key values

Count	Last Status Update:		Last Baseline	
253 Activities	13.11.22		02.01.22	
Actuals	Planned: 119,0		Expended: 218,0	
Bl. Scope: 81 240,7	Eamed: 131,8			
Progress	Indices			
Planned: 0,1	Actual: 0,2	CPI 0,60	SPI 1,11	TCPI 1,00

Open From File... Delete Project Open With Live Progress Access: Update OK Cancel

Enterprise Fields

Open with the Enterprise Project Selector enabled

The 'Open' dialog box is shown with the following components:

- Organize Projects by:** A section on the left with a red border, containing a tree view and sorting options.
 - Top Level: Project Segment
 - Then: Active Project
 - Then: Contractor
 - Then: (empty)
 - Show As Label: Short, Short + Description
 - Tree View:
 - All
 - CON - Construction
 - 1
 - STA - Statsbygg
 - O&G - Oil & Gas
 - 1
 - CON - Conoco Phillips
 - EQU - Equinor
 - VAR - Vår Energi
 - SHI - Ship Building
 - 1
 - NAV - Navantia

- Table:** A table with columns: ID, Project, Contractor, Project Segment, Active Project, Completion Estimate, Project Comments, Description.

ID	Project	Contractor	Project Segment	Active Project	Completion Estimate	Project Comments	Description
3	Small Drilling Package No.1	CON - Conoco Phillips	O&G - Oil & Gas	1			Drilling Pack
4	Small Drilling Package No.2	EQU - Equinor	O&G - Oil & Gas	1			Drilling Pack
7	Small Drilling Package No.5	VAR - Vår Energi	O&G - Oil & Gas	1			Drilling Pack
- Show key values:** A section at the bottom with a checked checkbox and a table of project statistics.

Count	Last Status Update:	Last Baseline
253 Activities	13.11.22	02.01.22
Actuals		
Bl. Scope: 81 240,7	Planned: 20 706,1	Earned: 10 738,5
	Expended: 10 864,0	
Progress	Indices	
Planned: 25,5	Actual: 13,2	CPI 0,99
		SPI 0,52
		TCPI 1,00
- Buttons:** Open From File..., Delete Project, Open With Live Progress, Access: Update, OK, Cancel.

Enterprise Fields

Where and how can you define the Enterprise Fields?

The screenshot shows the 'Safran Project' software interface. The 'ADMIN' tab is active, and the 'Enterprise Fields' option is highlighted. The 'Enterprise Fields and Codes' dialog box is open, displaying a list of fields and a list of codes.

Enterprise Fields and Codes

Field Type	Field Nr	Label
Datetime	1	Completion Estimate
Text	1	Project Comments
Flag	1	Active Project
Reference	1	Project Segment
Reference	2	Contractor

↓

Code	Short	Description	Sort
7	AIB	Aibel	4
4	AKB	Aker BP	7
5	AKS	Aker Solutions	3
1	CON	Conoco Phillips	2
2	EQU	Equinor	1
9	NAV	Navantia	9
6	STA	Statsbygg	5
3	VAR	Vår Energi	8
8	WOR	Worley	6

Buttons: New Field, Delete Field, New Item, Delete Item, OK, Cancel

Enterprise Fields

Populate Projects with Enterprise Field values

The screenshot displays a software interface with a menu bar at the top containing options like New, Open, Close, Recent Projects, Refresh, Save, Save As, Save Layout, Save Layout As, Import, Export, Database Connection, Recent Databases, SQL Queries, Page Setup, Print Preview, Print, Print Setup, and Exit. Below the menu bar is a toolbar with icons for these functions.

The main window shows a 'Projects' table with columns: ID, Project, Contractor, Project Segment, Active Project, Month of Completion, Project Comments, and Description. A red arrow points to the first row of the table, which is highlighted in blue. The first row contains the following data:

ID	Project	Contractor	Project Segment	Active Project	Month of Completion	Project Comments	Description
1	Tunnel Project No.1	STA - Statsbygg	CON - Construction	1	14.04.21 00:00	Project in critical phase!	Tunne

A 'Properties' dialog box is open over the first row, with the 'Enterprise Fields' tab selected. The dialog box contains the following fields and values:

Enterprise Field	Value
Active Project	<input checked="" type="checkbox"/>
Contractor	STA - Statsbygg
Month of Completion	14.04.21
Project Comments	Project in critical phase!
Project Segment	CON - Construction

The 'Properties' dialog box also has tabs for Details, Schedule Options, Progress Method, Subprojects, Scope, Cutoff Dates, Pictures/Texts, and Access. The 'Enterprise Fields' tab is currently active and highlighted with a red box.

Enterprise Fields

Navigate with the Enterprise Project Selector

The screenshot displays the 'Open' dialog in the Safran Project application. The interface includes a menu bar (FILE, HOME, DATA, VIEW, PROJECT, REPORTS, ADMIN) and a toolbar. The 'Open' dialog has tabs for 'Projects' and 'Project Groups'. A search bar and radio buttons for 'User owned only' and 'All' are present. On the left, a tree view organizes projects by contractor and segment. The 'CON - Conoco Phillips' contractor is selected, and its 'O&G - Oil & Gas' segment is highlighted. A table in the center lists project details, with the first row highlighted. A red arrow points from the selected tree item to the highlighted table row. A summary panel at the bottom shows key values for the selected project.

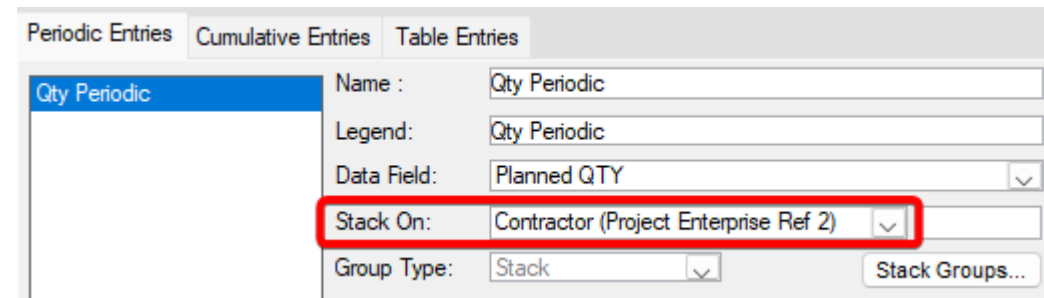
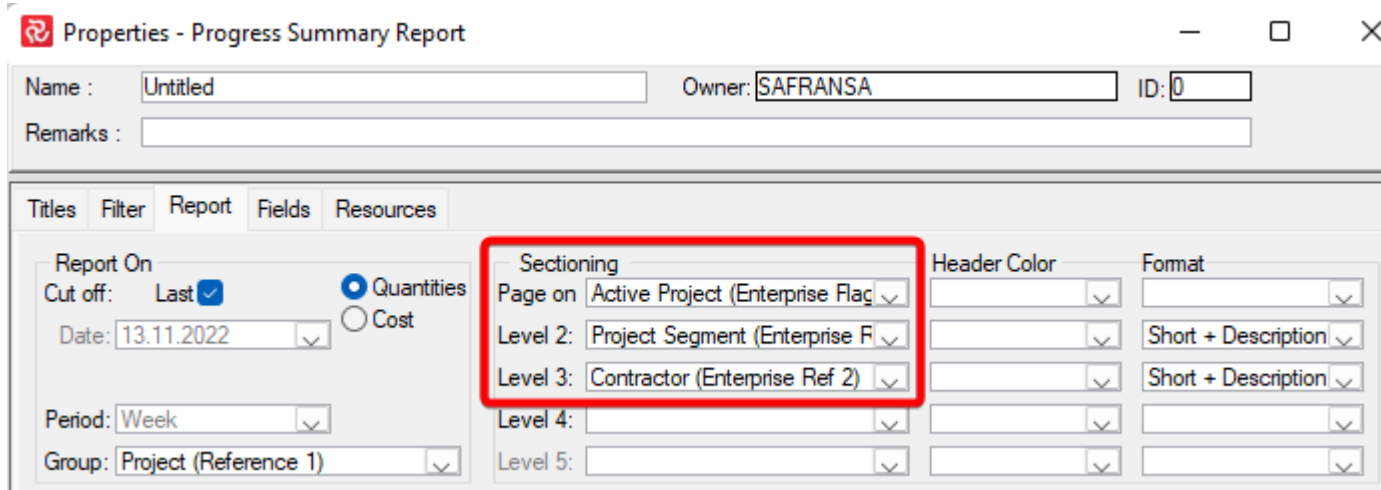
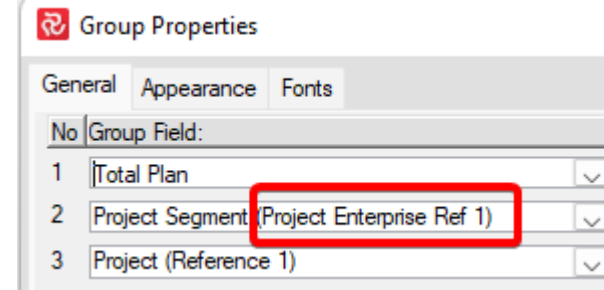
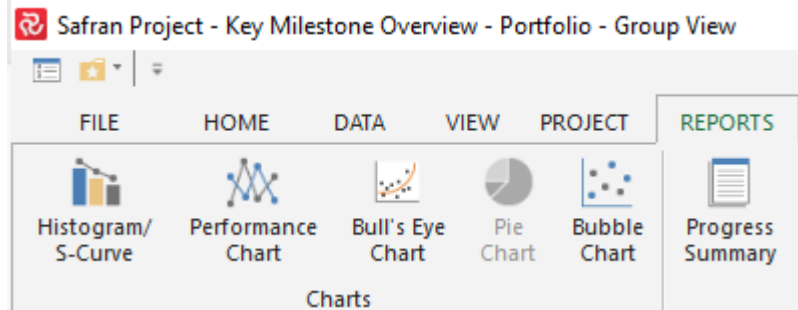
ID	Project	Contractor	Project Segment	Active Project	Completion Estimate	Project Comments	Description
3	Small Drilling Package No.1	CON - Conoco Phillips	O&G - Oil & Gas	1			Drilling Packag

Summary panel (Show key values checked):

Count		Last Status Update:		Last Baseline	
253 Activities		13.11.22		02.01.22	
Actuals					
Bl. Scope: 81 240,7	Planned: 20 706,1	Earned: 10 738,5	Expended: 10 864,0		
Progress					
Planned: 25,5	Actual: 13,2	Indices			
		CPI 0,99	SPI 0,52	TCPI 1,00	

Enterprise Fields

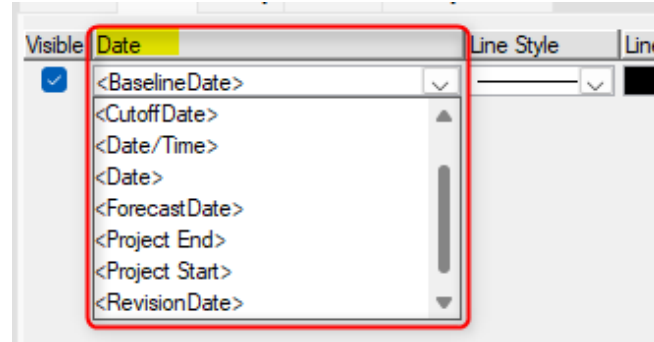
Used in Project Group Reports



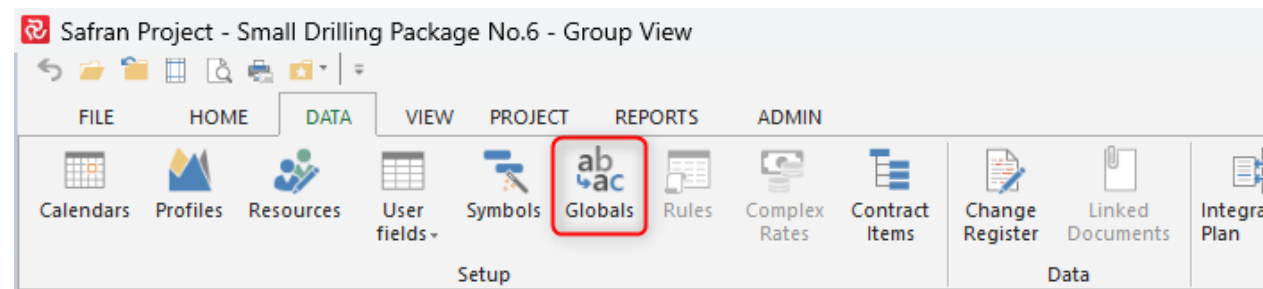
Global Fields

What is a global field?

System-defined global's in Safran:

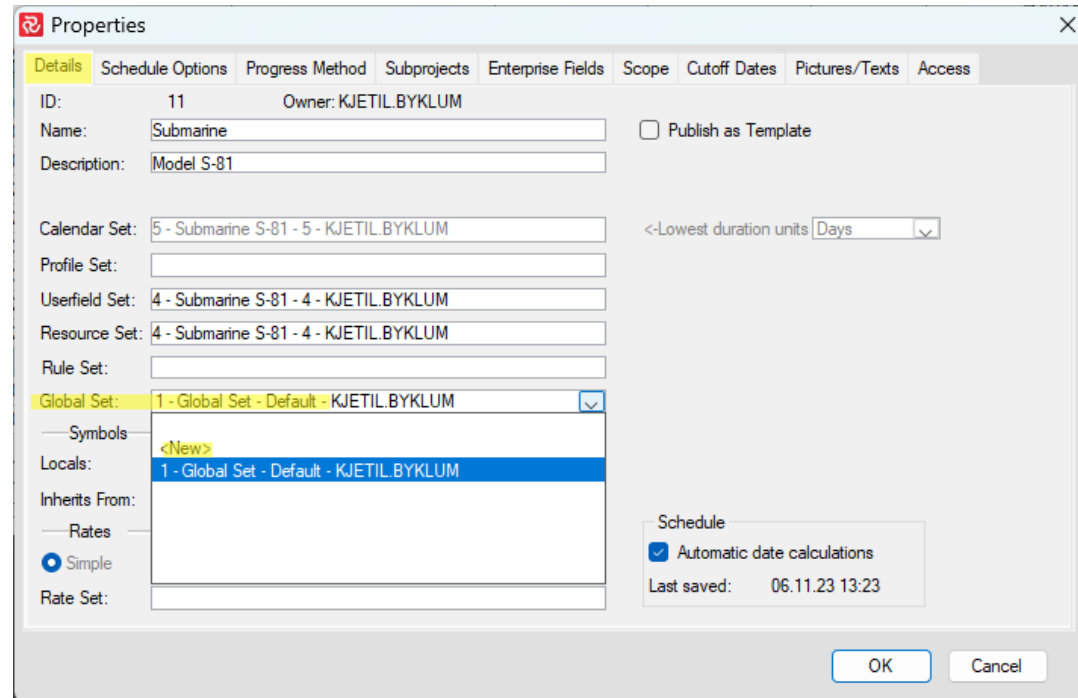
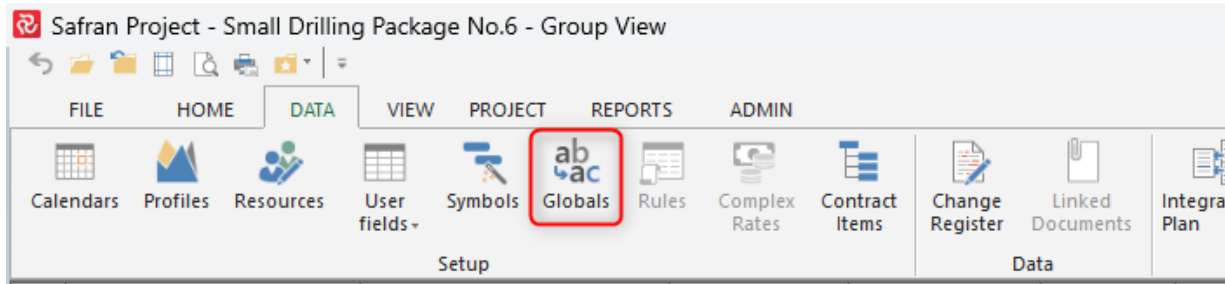


The Global Set is used to create user-defined Globals in Safran.



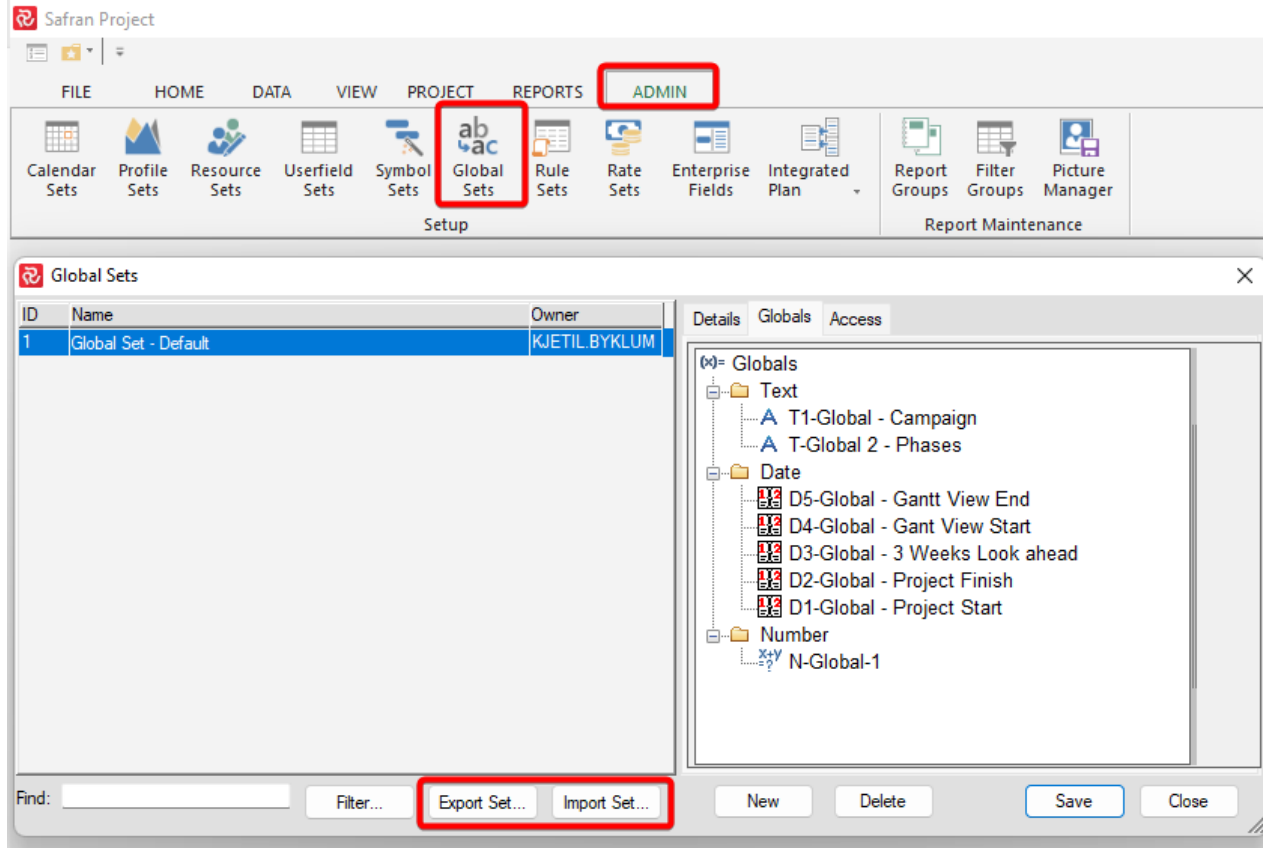
Global Fields

How to start using user-defined Globals?



Global Fields

Export and Import Global Set to/from other databases



Global Fields

How to establish the global field values

The screenshot shows the Safran Project software interface. The 'Globals' dialog box is open, displaying a list of global fields. The 'Date' category is highlighted in yellow. A red box highlights the 'D3-Global - 3 Weeks Look ahead' entry, and a red arrow points from the 'Date' category to this entry.

Label	Expression	+ / -	Units
D1-Global - Project Start	= 2019.02.07	+ ↓	0
D2-Global - Project Finish	= 2021.02.28	+ ↓	0
D3-Global - 3 Weeks Look ahead	= <CutoffDate>	+ ↓	21
D4-Global - Gant View Start	= <Timenow>	- ↓	21
D5-Global - Gantt View End	= 30.05.2025	+ ↓	

At the bottom of the dialog, there are buttons for 'New', 'Delete', 'OK', and 'Cancel'. The background shows a Gantt chart with activity bars and a calendar view for 2021.

Global Fields

Where to use the user-defined globals?

Model S-81
Campaign 5

Properties - Histogram/S-Curve
Name: 01 - Histogram S-Curve Owner: KJETIL.BYKLUM ID: 3

Remarks:

Titles Filter Report Entries Resources

Headers
No Logo <Project description> No Logo
<Client>
al - Campaign><N-Global-1>

(Report Body)
<T1-Global - Campaign><N-Global-1>

Footers
<Report name> <Page of> <Prep by>

Element Font Color Size Style
Subtitle 2 Microsoft Sans Serif 14 Pts B I U

New Report Open Report... Save Save As... Preview OK Close

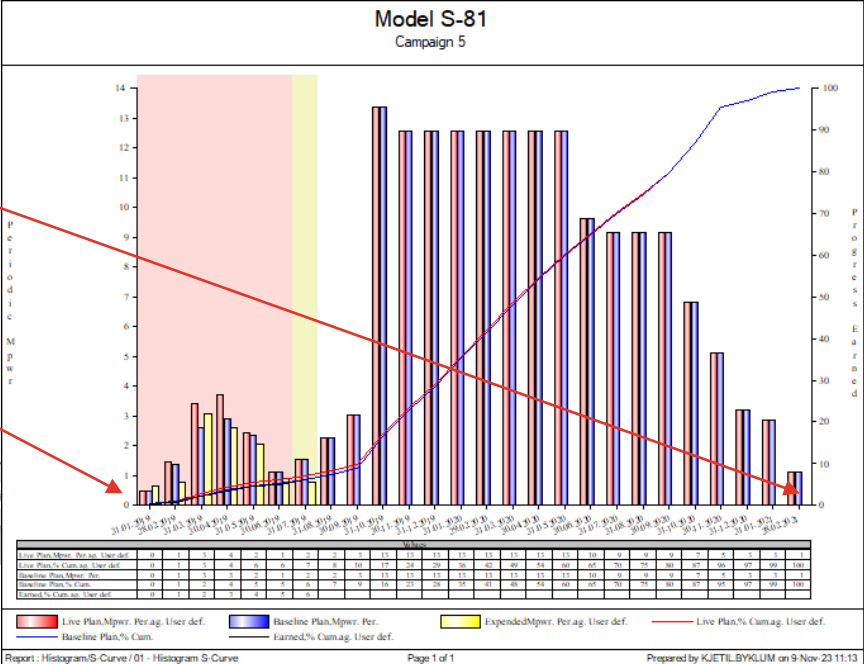
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Live Plan.Mpwr. Per.ag. User def.	0	1	3	4	2	1	2	2	3	13	13	13	13	13	13
Live Plan.% Cum.ag. User def.	0	1	3	4	6	6	7	8	10	17	24	29	36	42	49
Baseline Plan.Mpwr. Per.	0	1	3	3	2	1	2	2	3	13	13	13	13	13	13
Baseline Plan.% Cum.	0	1	2	4	5	5	6	7	9	16	23	28	35	41	48
Earned.% Cum.ag. User def.	0	1	2	3	4	5	6	7	9	16	23	28	35	41	48

Legend:
■ Live Plan.Mpwr. Per.ag. User def. ■ Baseline Plan.Mpwr. Per.
— Baseline Plan.% Cum. ■ ExpendedMpwr. Per.ag. User def. — Live Plan.% Cum.ag. User def.

Global Fields

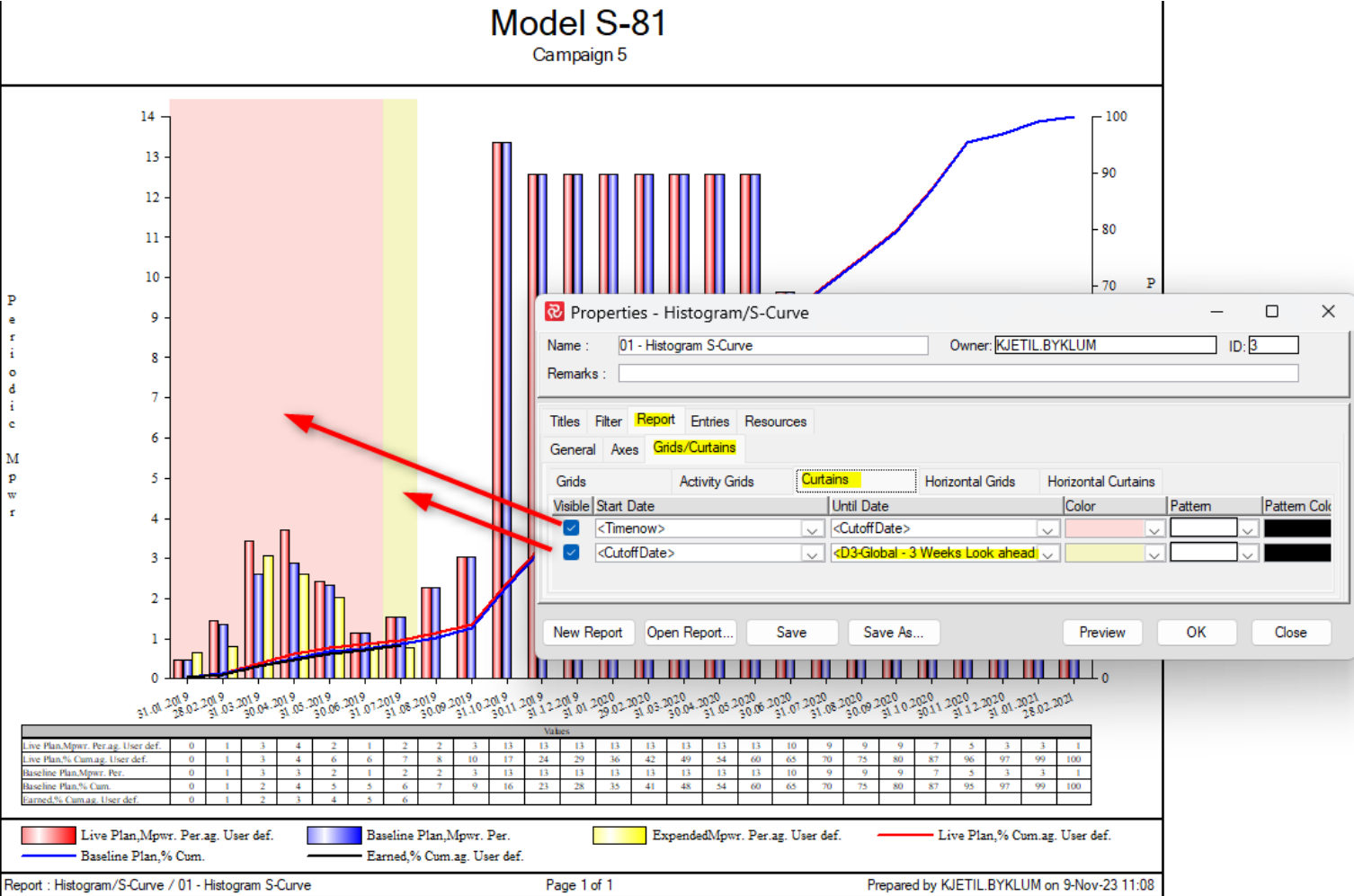
Global fields in report time span

The screenshot shows the software interface for 'Submarine - Histogram/S-Curve - 01 - Histogram S-Curve'. The ribbon menu includes 'FILE', 'HOME', and 'REPORTS'. Under 'REPORTS', there are icons for 'Histogram/S-Curve', 'Performance Chart', 'Bull's Eye Chart', 'Pie Chart', 'Bubble Chart', 'Progress Summary', '6 Periods Summary', 'Schedule Health', 'Float Trend', 'Schedule Performance', 'Government Reporting', 'By Change', 'By Activity', 'Detailed Extended', and 'Progress Status'. The 'Properties - Histogram/S-Curve' dialog box is open, showing fields for Name, Owner, ID, and Remarks. The 'General' tab is active, with 'Axes' selected. The 'Span' section shows '<D1-Global - Project Start>' and '<D2-Global - Project Finish>' with an interval of 1 Calendar Month. The 'Report On' section has 'City' selected. The 'Table' section has 'Values' as the title and 'Intervals as graph' selected. The 'Margins' section has all margins set to 0 mm. The 'Legend At' section has 'Bottom' selected. The 'Show Bitmap on' section has 'Graph only' selected. The 'New Report', 'Open Report...', 'Save', and 'Save As...' buttons are visible at the bottom.



Global Fields

Global fields in Curtains



Global Fields

Global fields in filter

Activity ID	Description	Early Start	Duration	Early Finish
Submarine	Model S-81	21/01/2019	190	22/10/2019
02	Engineering	21/01/2019	108	28/06/2019
120	Ventilation system design	24/04/2019	22	27/05/2019
100	Design review for construction	27/02/2019	22	28/03/2019
110	Ground support design	29/03/2019	22	03/05/2019
130	Site-specific planning and preparatio	24/04/2019	44	28/06/2019
090	Inspection plans, assessment and re	27/02/2019	44	03/05/2019
070	Tunnel design	21/01/2019	35	08/03/2019
03	Casting Yard and Preparation	01/07/2019	82	22/10/2019
140	Unit construction phase 1	01/07/2019	63	25/09/2019
150	Unit construction phase 2	22/07/2019	67	22/10/2019

Globals

Details Globals Access

(x)- Globals

- Text
 - T1-Global - Campaign
 - T-Global 2 - Phases
- Date
- Number

Label: T-Global 2 - Phases Start Length

Expression: 02,03

Filters

Filter: .. From: All Users New... Save As... Rename... Delete

Field	Operator	Expression	And/Or
Project Phase (Reference 1)	&#gt;	<T-Global 2 - Phases>	&#gt;

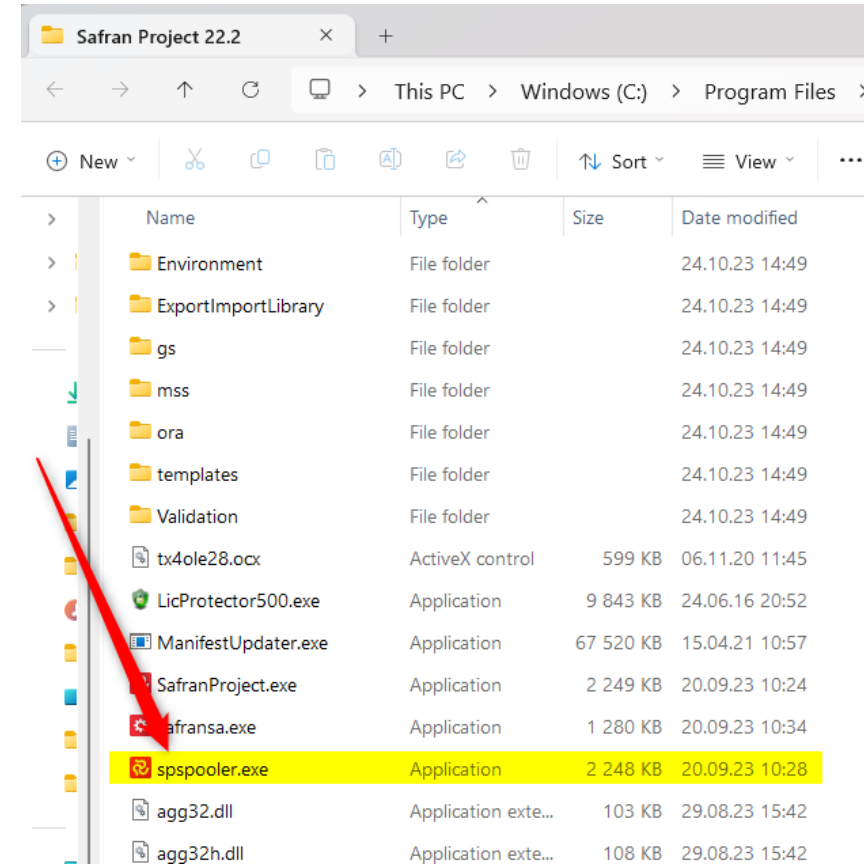
Insert Row Add Row Delete Row Clear All Move Up Move Down Apply OK Cancel

Report Spooler

What does the report spooler do?

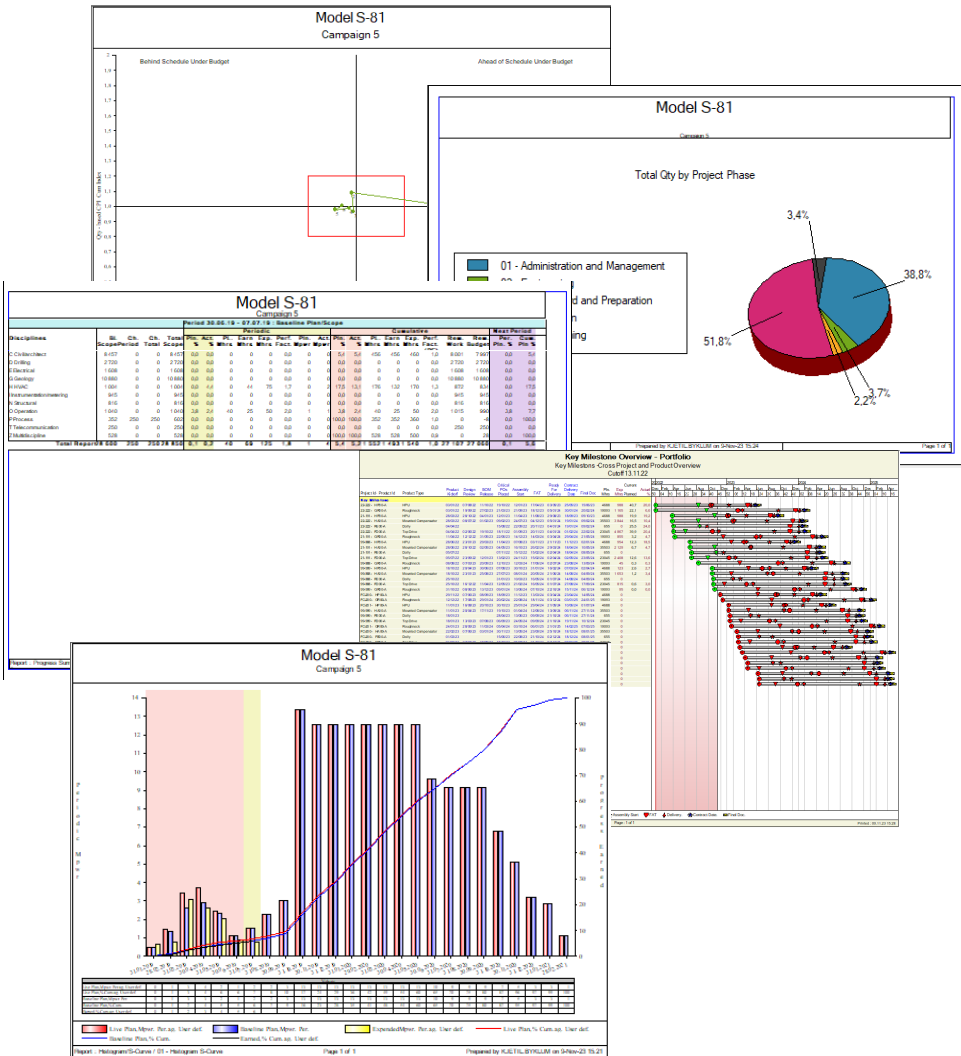
The Report Spooler automatically runs one or more report packages at a specified time or interval.

The program **spspooler.exe** located in the installation folder must be running at the times the spooler is set up to produce reports.



Report Spooler

Short intro Report Package and Report Package Lists.



The 'Report Packages' dialog box shows a tree view of report packages. The 'Internal Weekly Reports' package is selected. The 'Output' tab is active, showing options for sending reports (To File, To Printer, To SWA, Both File and SWA) and a file path. The 'Include' list on the left contains various report types like 'Barchart Editor Print', 'Baseline', 'Bulls Eye Chart', etc. The 'Available Reports' list on the right shows the same set of reports. A red arrow points from the 'Report Packages' dialog to the 'Report Package Lists' dialog.



The 'Report Package Lists' dialog box shows a list of report packages. The 'List Name' is 'Report Package List - Foun 2023'. The 'From Other Users' checkbox is checked. The 'Packages Included' list contains three items: 'Report Package 1 (KJETIL.BYKLUM)', 'Report Package 3 (KJETIL.BYKLUM)', and 'Report Package 2 (KJETIL.BYKLUM)'. The 'Report Packages Available' list contains 'Report Package 4 (KJETIL.BYKLUM)'. A red arrow points from the 'Report Packages' dialog to the 'Report Package Lists' dialog.

Report Spooler

Report Packages

Name: Report Package 4

Comments:

Output Span **Schedule** Filter

Schedule Package

Repeating

Every 1 days Last time run 06.11.23 14:34 Schedule to run 06.11.2023 14:34

Project Name : Submarine

Polling interval: 60 Seconds Seconds until next poll: 20 Error log... (0)

Report Package	Created By	Active	Automatic	Every	Run Previously on	Scheduled to run
Report Package 2	KJETIL.BYKLUM	✓			06.11.23 14:34	
Report Package 3	KJETIL.BYKLUM	✓			06.11.23 14:34	
Report Package 4	KJETIL.BYKLUM	✓			06.11.23 14:34	
Report Package 1	KJETIL.BYKLUM	✓			06.11.23 14:35	

Include Order File Type

All None Invert

Include in package

- ✓ Bulls Eye Chart
 - ✓ 04. Bulls Eye Chart (KJETIL)
- ✓ Histogram/S-Curve
 - ✓ 01 - Histogram S-Curve
- ✓ Pie Chart
 - ✓ 03. Pie Chart (KJETIL)
- ✓ Progress Summary Report
 - ✓ 02 - PSR - Progress Summary Report

Save

Open Project... Active... Reload Data... Run Selected Package Close

Windows File Explorer: Forum 2023

Name	Date modified
Report from Spooler 2_07.07.191.pdf	06.11.23 14:34
Report from Spooler 2_07.07.192.pdf	06.11.23 14:34
Report from Spooler 2_07.07.193.pdf	06.11.23 14:34
Report from Spooler 2_07.07.194.pdf	06.11.23 14:34
Report from Spooler 3_07.07.191.pdf	06.11.23 14:34
Report from Spooler 3_07.07.192.pdf	06.11.23 14:34
Report from Spooler 3_07.07.193.pdf	06.11.23 14:34
Report from Spooler 3_07.07.194.pdf	06.11.23 14:34
Report from Spooler 4_07.07.191.pdf	06.11.23 14:34
Report from Spooler 4_07.07.192.pdf	06.11.23 14:35
Report from Spooler 4_07.07.193.pdf	06.11.23 14:35
Report from Spooler 4_07.07.194.pdf	06.11.23 14:35
Report from Spooler 1_07.07.191.pdf	06.11.23 14:35
Report from Spooler 1_07.07.192.pdf	06.11.23 14:35
Report from Spooler 1_07.07.193.pdf	06.11.23 14:35
Report from Spooler 1_07.07.194.pdf	06.11.23 14:35

16 items 1 item selected 17,4 KB Available on this device

Safran

Enterprise fields, Global Set & Report Spooler

Summary

Enterprise Fields

- Is used to categorize, filter or sort projects when working in a Safran database.
- It can also be used in Project Group Reports such as Histograms or Progress Summary, just like any other userfield.

Global Set

- Allow users to create user-defined global fields of type Text, Number and Reference Fields.

Report Spooler

- Automates the execution of Report Packages based on specified time or intervals.



Thank You.