



# **Safran Project** **v22.2 Latest Features** **& Short-Term Road Map**

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# Products

## Passionate About Projects

Safran Software specialises in building a unified project management solution designed to help organisations tackle complex capital projects with confidence.

From planning and development to execution and risk management, Safran's integrated tools help you deliver your projects on time, and on budget... every time.



Safran Project



Safran Planner



Project Viewer



Safran Web Access

} Safran Project  
Companion products



**Øyvind Røberg**  
Safran Software Solutions



**Fredrik Dahlberg**  
Safran Software Solutions



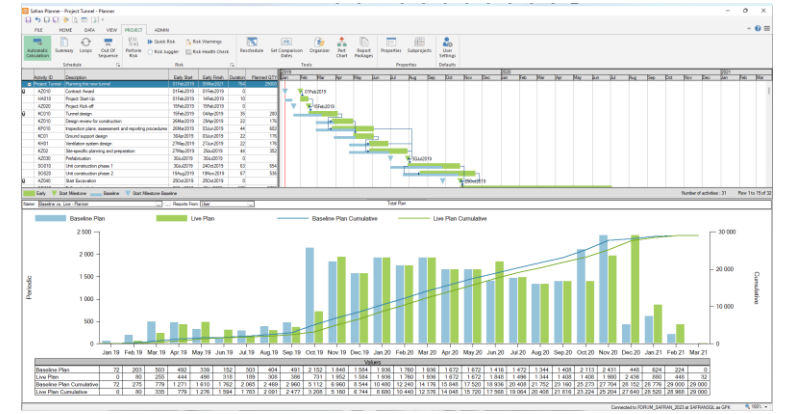
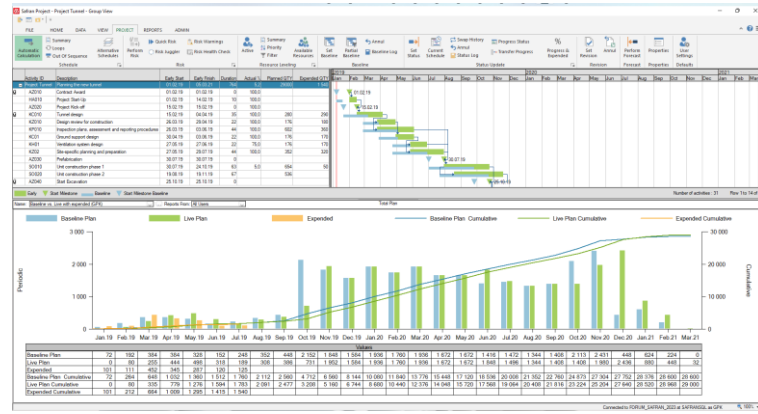
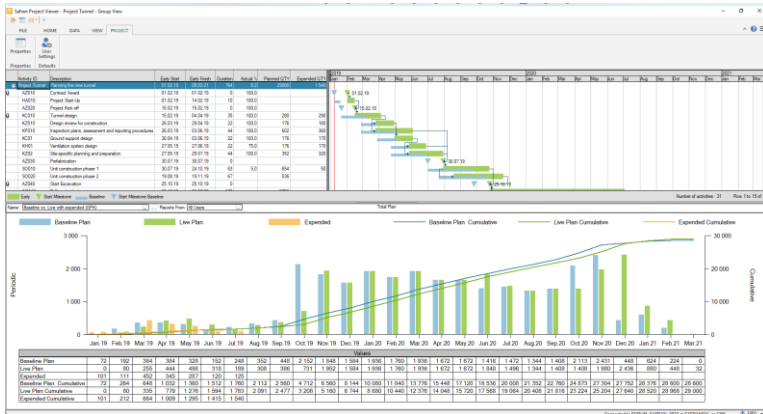
**Jørgen Aasland**  
Safran Software Solutions



**Mark Turner**  
Emsity Limited & Safran  
Software Solutions

# Project, Planner, Viewer

– they all look the same at first glance...



**A read only version of Safran Project, where users may view, create or modify Gantt and Histogram reports to their needs.**

**Used by** Engineers, Project Managers, Site Managers, Cost Control...

**Our full featured all-in-one scheduling and project execution software. Built on established methods and practices to support all phases of any complex project.**

**Used by** Planners.

**A lightweight planning software designed to easily create eye-catching Gantt charts and histograms to communicate any project plan.**

**Used by** Planners.

**Safran Web Access** is a web application designed for the same users as Safran Project Viewer where you may run most reports and report progress and expenditure.

# Project, Planner & Viewer

## "PROJECT" Ribbon differences

The image displays three overlapping windows from the Microsoft Project suite, each showing a different view of a project named 'Project Tunnel'.

- Safran Project - Project Tunnel - Group View:** The 'PROJECT' ribbon includes tabs for Schedule, Risk, Resource Leveling, Baseline, Status Update, Revision, Forecast, Properties, and Defaults. The Gantt chart shows activities from 2019 to 2021.
- Safran Planner - Project Tunnel - Planner:** The 'PROJECT' ribbon includes tabs for Schedule, Risk, Tools, and Properties. The Gantt chart shows activities from 2019 to 2021.
- Safran Project Viewer - Project Tunnel - Group View:** The 'PROJECT' ribbon includes tabs for Properties and Defaults. The Gantt chart shows activities from 2019 to 2021.

Activity ID	Description	Early Start	Early Finish	Duration	Planned QTY
Project Tunnel	Planning the new tunnel	07.01.19	14.02.21	770	47280
AZ010	Contract Award	07.01.19	07.01.19	0	0
HA010	Project Start-Up	07.01.19	18.01.19	10	0
AZ020	Project Kick-off	21.01.19	21.01.19	0	0
KC010	Tunnel design	21.01.19	08.03.19	35	280
HA020	Cost control	21.01.19	14.02.21	533	3656
HA030	Engineering Team Lead	21.01.19	14.02.21	533	3656

# Project, Planner & Viewer

## "HOME" Ribbon differences

The image displays three overlapping screenshots of the Safran software interface, illustrating the differences in the "HOME" ribbon across three modes: Project, Planner, and Viewer. Each screenshot shows a Gantt chart with a table of activities and their dates.

Activity ID	Description	Early Start	Early Finish	Duration	Planned QTY
Project Tunnel	Planning the new tunnel	07.01.19	14.02.21	770	47280
AZ010	Contract Award	07.01.19	07.01.19	0	0
HA010	Project Start-Up	07.01.19	18.01.19	10	0
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HA020	Cost control	21.01.19	14.02.21	533	3656
HA030	Engineering Team Lead	21.01.19	14.02.21	533	3656

**Safran Project - Project Tunnel - Group View** (Top Ribbon):

- Clipboard: Paste, Copy
- Calculation: Assign Fields, Assign Field Packages, Assign Link Fields, Date Calculator
- Layouts: ID Renumbering
- Filters: Name, Owner, Users
- Rows: Delete, Link, Unlink, Autolink, Indent, Outdent
- Editing: Fill Down, Break, Sort, Auto Filter, Find, User Filter

**Safran Planner - Project Tunnel - Planner** (Middle Ribbon):

- Clipboard: Paste, Copy
- Calculation: Assign Fields, Assign Field Packages, Assign Link Fields, Date Calculator
- Layouts: ID Renumbering
- Filters: Name, Owner, Users
- Rows: Limit List, Options, Revert, Link, Unlink, Autolink, Indent, Outdent
- Editing: Fill Down, Break, Sort, Auto Filter, Find, User Filter

**Safran Project Viewer - Project Tunnel - Group View** (Bottom Ribbon):

- Clipboard: Paste, Copy
- Calculation: Assign Fields, Assign Field Packages, Assign Link Fields, Date Calculator
- Layouts: ID Renumbering
- Filters: Name, Owner, Users
- Rows: Limit List, Filters, Break, Sort, Auto Filter
- Editing: Fill Down, Break, Sort, Auto Filter, Find, User Filter

# The Companion Products

## What's the difference?

Home Report Library Reporting Progress Two Step **Progress** Job dashboard Admin

Projects / EPC13-1

EPC13-1  
Description: EPC13

Progress Responsible: ABC  
Select to filter on: [Dropdown] Colour: [Dropdown]  
Select to filter on: [Dropdown] R1: [Dropdown] R2: [Dropdown] R7: [Dropdown]  
Select to filter on: [Dropdown] Select to filter on: [Dropdown] Select to filter on: [Dropdown]

Search Save Collaps groups Save grid layout Show Groups Advanced column filter / Activity count: 230

Description	Early Start	Actual %	Comment to planner	Flag Field	R6
R6: Green (5)					
R2: Drilling (18)					
Draft Drilling, Testing & P&A Programmes	12.06.17				Green
Set up logistics Base and vessels	01.09.16	0			Green
Commence Well Engineering Execution	09.11.15	0			Green
Set up required service contracts	30.09.16				Green
Issue Bridging /interface Document	28.02.17				Green
Application for Discharge	05.04.17				Green
HAZID	06.06.17				Green
Scour Study / Riser Analysis / Mooring Analysis	16.03.16	0			Green
Relief Well Plan	05.02.16				Green
Application for Consent to Drill	20.10.17	0			Green
Detailed Well & Completion Design	09.11.15	0			Green
Regulatory Compliance Matrix	20.11.17				Green
Pre-spud Rig Operations & Preparations	29.11.17	0			Green
Agree Drilling Success Ratio (DSR) Scorecard Goals	06.12.17	0			Green
Prepare & Issue Rig Mobilisation Plan	15.12.17	56			Green

Export to Excel



Safran Project Viewer - Tunnel Project Reporting - Group View

FILE HOME DATA VIEW PROJECT

Activity Link Resource Histogram Logic Navigator

Information Grouping

Activity ID Description Early Start Early Finish Current Actual Start Current Actual Finish Current Planned Progress Actual % Schedule Planned QTY Entered QTY

Activity ID	Description	Early Start	Early Finish	Current Actual Start	Current Actual Finish	Current Planned Progress	Actual %	Schedule	Planned QTY	Entered QTY
00	Tunnel Phase R Planning the new tunnel	07.01.2019	14.02.2021	07.01.2019		11.58	11.45		47,130	1,540.0
00	Milestones	07.01.2019	14.02.2021	07.01.2019		37.50	25.00		0	0.0
300	Contract Award	07.01.2019	07.01.2019	07.01.2019	11.01.2019	100.00	100.00	No	0	0.0
260	Project Kick-off	21.01.2019	21.01.2019	21.01.2019	25.01.2019	100.00	100.00	No	0	0.0
270	Prefabrication	01.07.2019	01.07.2019			100.00	0		0	0.0
280	Start Excavation	26.09.2019	26.09.2019			No	0		0	0.0
290	End Excavation	08.06.2020	08.06.2020			No	0		0	0.0
030	Start construction	09.06.2020	09.06.2020			No	0		0	0.0
040	Commissioning	17.11.2020	17.11.2020			No	0		0	0.0
320	Project Completion/Tunnel Opening	14.02.2021	14.02.2021			No	0		0	0.0
01	Administration and Management	07.01.2019	14.02.2021	07.01.2019		21.20	21.20		18,280	0.0
02	Engineering	21.01.2019	28.06.2019	21.01.2019		100.00	97.09		1,762	1,490.0
070	Tunnel design	21.01.2019	08.03.2019	21.01.2019	08.03.2019	100.00	100.00	No	280	290.0
090	Design review for construction	27.02.2019	28.03.2019	04.03.2019	29.03.2019	100.00	100.00	No	176	160.0
090	Inspection plans assessment and reporting procedures	27.02.2019	03.05.2019	04.03.2019	03.05.2019	100.00	100.00	No	602	360.0
110	Ground support design	29.03.2019	03.05.2019	25.03.2019	03.05.2019	100.00	100.00	No	176	170.0
120	Ventilation system design	24.04.2019	27.05.2019	29.04.2019		100.00	75.00	No	176	170.0
130	Site specific planning and preparation	24.04.2019	28.06.2019	29.04.2019	28.06.2019	100.00	100.00	No	352	320.0
05	Casting, Test and Preparation	01.07.2019	22.10.2019	01.07.2019		3.85	2.42		1,040	580.0
140	Unit construction phase 1	01.07.2019	28.09.2019	01.07.2019		7.84	4.88		504	50.0
150	Unit construction phase 2	22.07.2019	22.10.2019			No	0		536	0.0
04	Construction	26.09.2019	15.11.2020			0.00	0.00		24,432	0.0
01	Excavation	26.09.2019	08.06.2020			0.00	0.00		14,960	0.0
170	Drilling shot holes	26.09.2019	04.06.2020			No	2.720		0.0	0.0
180	Load explosives and blast	27.09.2019	08.06.2020			No	2.720		0.0	0.0
190	Muck and H&E	30.09.2019	08.06.2020			No	5,440		0.0	0.0
160	Mobilize equipment	30.09.2019	08.06.2020			No	1,360		0.0	0.0
200	Support and dewater tunnel	30.09.2019	08.06.2020			No	2,720		0.0	0.0

Timeline view showing Gantt chart from 2019 to 2022.

Legend: Administration, Civil/Architect, Drilling, Electrical, Project control/cost/economy, Geology, HVAC, Instrumentation/measuring, Structural, Operation, Process, Telecommunication, Multidiscipline, City Cumulative, Dry Cumulative.

Total Plan

3500  
3000  
2500  
2000  
1500  
1000  
500  
0

Jan19 Feb19 Mar19 Apr19 May19 Jun19 Jul19 Aug19 Sep19 Oct19 Nov19 Dec19 Jan20 Feb20 Mar20 Apr20 May20 Jun20 Jul20 Aug20 Sep20 Oct20 Nov20 Dec20 Jan21 Feb21

0 10,000 20,000 30,000 40,000 50,000

Values

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
Mgmt Administration	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Mgmt Civil/Architect	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mgmt Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mgmt Geology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mgmt HVAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mgmt Instrumentation/measuring	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mgmt Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mgmt Process	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mgmt Telecommunication	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mgmt Multidiscipline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative Management	31	1,270	2,494	4,982	5,498	6,500	7,689	8,778	11,718	14,387	16,488	18,718	21,584	24,313	26,639	28,862	31,088	33,319	35,420	37,386	41,454	43,619	45,720	47,760	49,830	51,930	54,060	56,210	58,380	60,570	62,780	65,010	67,260	69,530	71,820		





# Product Releases

21.1

22.1

22.2

23.1

24.1

31 May 2021

10 March 2023

22 September 2023

November 2023

2024

Service Releases

- 21.1.3x – Q1 2023
- 21.1.4x – Q2 2023

- Safran Project
- Safran Viewer
- Safran Web Access

- Safran Risk Manager

3 October 2023

- Safran Risk

11 October 2023

- Safran Planner

9 November 2023

- Safran Data Reporting Utility

14 November 2023

- Safran Project Integration API
- Safran ILAP Gateway



# Release – Naming convention

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Year – MajorRelease# – ServiceRelease/Patch

- 21.1.00 – Release year 2021. Major Release #1. First issue 00
- 21.1.10 – First Planned Service Release
- 21.1.13 – Patch release #3 after first Service Release
- 21.1.40 – Fourth Planned Service Release

Deviation

- 22.1 Released in March 2023
- 22.2 Released in September 2023

# Some of the 22.1 features

## Reports

Count activities  
Save to excel  
Cutoffdate  
Project ID  
<Grouped by>  
Jazzup reports  
Classic/Nordic  
default setting

## BE

Indent  
Yes/no format  
column  
Focus highlighted row  
Column list  
Pop Up  
Scope for progress  
lifting

## Change Register

New button  
Export

## Multiple Float Path Driving Links

## Project Groups

Import progress  
Set status  
Last Progress update  
Export / Import  
Access rights  
PSR enterprisefields  
Inherit label  
New Project Group  
Open Project Group

## Remember

Row size  
Row order  
Open size  
Symbol size  
... size

## Shortcuts

Refresh  
DB reconnect  
Keyboard shortcuts  
Hamburger

## Layout / Filter

Recently used layouts  
Revert saved layout  
Filter up/down

# What's new in v22.2?

## Main things

- Support for AAD
- Disabled Links
- New resource import and export



# 22.2 features requested by you: 16 items




The 22.1 version released in April 2023, contained 20 items!

Discussions / Improvement Proposals Start a new topic

Safran Project, Safran Planner and Safran Viewer (150) FOLLOWING

Add new ideas to Safran Project, Safran Planner and Safran Viewer here. Please note that this is visible to all Safran Support users.

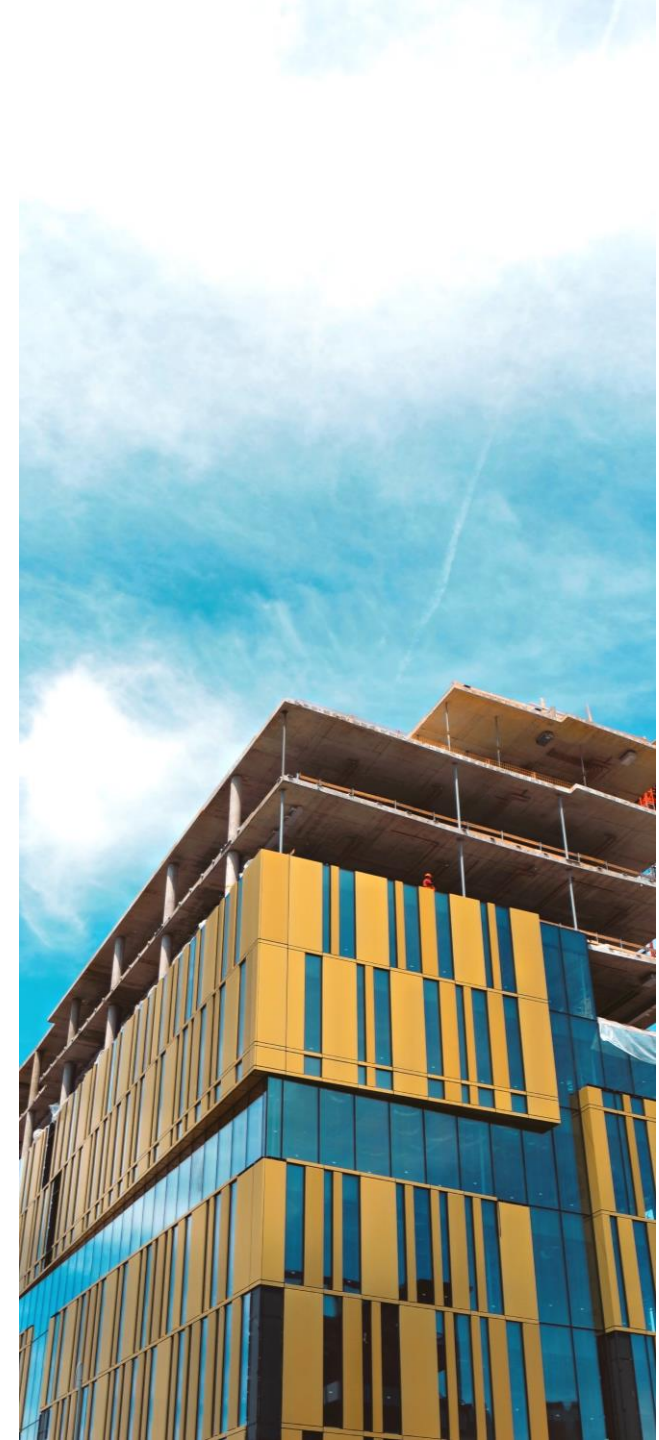
Recent Popular Planned In Progress Deferred **Implemented** Not Taken

-  **(22.2.00) Drag and drop multiple reports to a report package** IMPLEMENTED  
Posted by Erlend.lie, a year ago, Last Reply by Gøril Pedersen Karoliussen a month ago
-  **(22.2.00) Logic Navigator and Links Panel – Disable Links** IMPLEMENTED  
Posted by Juan Carlos López Hermida, a year ago, Last Reply by Gøril Pedersen Karoliussen a month ago
-  **(22.2.00) Import Resource - Include Resource Type as a parameter** IMPLEMENTED  
Posted by Øyvind Eike Valaker, 3 years ago, Last Reply by Gøril Pedersen Karoliussen a month ago, 7 votes

1. Support for AAD
2. Logic Navigator and Links Panel – Disable Links
3. Lag/delay accessible as a column in Barchart
4. Import Resources connected to various changenumbers
5. Import Resource – include Resource Type as a parameter
6. All predecessors completed flag
7. Formatting zero planned or actual progress as a number, not a blank
8. Drag and drop multiple reports to a report package
9. Enable global values by R-fields and O-fields in filters
10. Layouts: Dockable Layouts browser
11. Adjust size of groups on the ribbon (added tooltip in Layout & Filter)
12. Layout & Filter changes / transition (highlight)
13. Filter function added to the filter groups and report groups
14. Activity Curtains – Priority over General Curtains
15. Symbol Name – Increase number of Characters for Symbol Name
16. Make the Globals window more user friendly

# More 22.2 features

- 
- Find (Define Sort, Link Column, Logic Navigator)
  - XER Check – 2 more checks added (disabled links+ non supported link types)
  - Project Summary (Cross project link+disabled links)
  - Font conditional formatting –option added to disable/enable
  - BE Resource progress method
  - New shortcuts
  - Warning message for on/off automatic calculations
  - User locking window – release own locks without sql queries ++
  - Lock Resource Data – GUI change
  - Log in – X
  - Enterprise field split bar
  - Open Project Window – columns remembered
  - Temp folder improvements
  - System Admin Tool improvements



# Do you have a good idea?

- 
- Log on to the improvement suggestion portal and share
  - Also, **like** other peoples' ideas so we know what we should prioritize
  - <https://support.safran.com/support/home>





# Demo time

**Which 22.2 features are you the most curious about?**



# The next main releases

## Short Term Roadmap

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### 24.1

- Suggestions from the improvement portal
- Schedule Health Report improvements
- Userfield extensions
  - 100 fields (Reference, flag, etc.)
  - Userfield Columns lists
  - Favorites tab in Activity Information
  - Other GUI improvements

### 24.2?

- New Revised





# Schedule Health Report

Visit also the Safran Risk Roadmap presentation to learn more about the upcoming schedule health module which will be available both in SR & SP



A preview of what we are working on for 24.1 and the original wishes posted on the Improvement Proposals Portal

Discussions / Improvement Proposals

Start a new topic

## Safran Project, Safran Planner and Safran Viewer (153)

FOLLOWING

Add new ideas to Safran Project, Safran Planner and Safran Viewer here. Please note that this is visible to all Safran Support users.

Recent Popular Planned In Progress Deferred Implemented Not Taken



Schedule Health Report – Report on Qty or Cost

IN PROGRESS



Schedule Health Report – Include Earned Schedule indices and data

IN PROGRESS



Schedule Health Report – Filtering

IN PROGRESS

Titles **Filter** Report Warnings/Thresholds

Include Fields as  
 14 pts. Assessment  Standard Tripwire  User Defined  Include AoS (Effort Driven) Activities  
 Include "Hammocks"

Critical Path Length Index Methods  
 Project Total Float  End-Activity Total Float  
 Project Float, Set end  End Activity Float, Set end

Baseline Execution Indices  Start  Finish Performance Indices  
QTY :  CPI  SPI  TCPI  TCPI/CPI  
COST :  CPI  SPI  TCPI  TCPI/CPI

Activity Count	Activities	Milestones	Critical (Float <= 0)	Logic
Total Number	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Start Act. (No Pred.)
Completed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Finish Act. (No Succ.)
Planned to Complete	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> No. of Links
Completion Ratio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> No. of Non-FS links
Hits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> No. of Locked act.
Misses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Links with Neg. Delay (Lag)
Remaining/Incomplete	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Links With Pos. delay (Lead)
				<input type="checkbox"/> Actual dates in future

Schedule Status  
 Current Start  Remaining time  Act. w. Neg. Float  Act. without resources  
 Current Finish  Act. w. Float > 44  Act. w. Dur. > 44  Milest. compl. out of seq.  CMOD  
 BREV

Modifications

No. of Activities  
 Out of Sequence  Added after baseline  "Fit"-activities  "Non-existing" (Ignore)  
 AoS(effort-driven)  Hammocks  Slipped more than 21 days

Statistics  
 Activity Duration (0, 1-10, 11-20, 21-60, >60)  Float Statistics (0<, 0, 1-10, 11-22, 23-44, >44)  Link Types (SS, SF, FS, FF)

Earned Schedule Metrics  
 PD - Planned Duration  ES - Eamed Schedule  AT - Actual Time  
 SV(t) - Schedule Variance  EAC(t) - Estimate At Completion Time  SPI(t) - Schedule Performance Indicator  
 TSPI - To Complete Schedule Performance Index

# User Guide

## New Appendices



- Safran Planner

- Appendix B - Multi Project Management
  - Setting up a Master Project
  - Working with Master Projects
  - Cross Project Links
  - Entering Progress & Expended
  - Importing Progress & Expended
  - Status Updates
  - Exporting/Importing Master Projects
  - Best Practices

- Safran Project


- Appendix C - Multi Project Management
  - Setting up a Project Group
  - Working with Project Groups
  - Cross Project Links
  - Entering Progress & Expended
  - Importing Progress & Expended
  - Status Updates
  - Exporting/Importing Project Groups
  - Best Practices







# News



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Software Product Manager, Big Data Interaction Designer, Applicat...  
1mo • Edited •

Hei alle Planleggere og brukere av [Safran Software Solutions](#) sine produkter 😊  
Tenkte bare dele en relativt fersk nyhet med dere – på fredag hø ...see more



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# Tips & Tricks

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- **Kjetil** Enterprise Fields, Global Set & The Report Spooler
- **Kenneth** Managing Remaining Scope
- **Thomas** Features of Critical Path Analysis



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**Don't forget the Demo Theatres in the breaks!**



**Thank You.**