RimpëX_{PMIS} Schedule



Projects Delivered. On-Schedule.

www.rimpexPMIS.com

RimpëX Schedule



Customizable, Interactive, Real-time And Prognostic

Schedules

Share

Monitor

Collaborate

RimpeX Schedule is a cost effective method of sharing schedule updates among the project stakeholders. This system has many features similar to your scheduling software and has a control on latest schedule revisions.

Monitoring the project schedule update is now easy. Schedule updates are only a click away, for all project team members. One can understand what are the critical items, current focus, look-ahead, resource requirements, issues, risks, etc.

Get the site update through smart phone apps, understand and update activity progress on mobile phone. Manage progress data between the office and the site.

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Enterprise Dashboards



RimpeX Schedule enterprise dashboard allows you to monitor schedule progress of all projects in an organization on a single screen and drill down to see more details. This dashboard gives you a quick understanding of various projects and relative progress performance of different ongoing projects. RimpeX integrates with your present scheduling software updates on realtime basis on RimpeX analytics.

Project Dashboards

Risk Events Delay Analysis Claim Management Procurement Tracking Milestone Tracking Resource Analytics Collaboration Tools



RimpëX Schedule Projects Delivered. On-Schedule.

4D Simulation

Generate 3D drawings automatically based on the schedule updates



Planned

Actual

RimpäX PMIS Other Modules

RimpëX Safety	Deliver Incident-Free Projects.
RimpëX Quality	Enhance Quality. Enhance Reputation.
RimpëX Risk	Control Risks. Increase Profits.
RimpëX Cost	Projects Delivered. On-Budget.
RimpëX Docs	Your Documents. On-Demand.

Construction | Manufacturing | Facility Management | Oil & Gas

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RimpeX Schedule

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1. What is RimpeX[®] Schedule?

RimpeX[®] Schedule is an enterprise software system to monitor progress of all projects in an organization on a single dashboard and drill down to see more details with various new features. This dashboard gives us a quick understanding of various projects and relative progress performance of different ongoing projects. This system can generate dashboards and analysis from the project schedule updates assigned from various projects, utilizing present scheduling system without any manual interventions.

RimpeX[®] Schedule is a cost effective method of sharing schedule updates among the Clients, Consultants and Contractors and saves cost on unnecessary hard copy printing. This system has many features similar to your scheduling software and has a control on latest schedule revisions.



RimpeX[®] Schedule is one of the modules of RimpeX[®] PMIS (Project Management Information System). Other modules are Cost, Risk, Quality and Safety. For more information on other modules, please refer respective RimpeX help documentation.

2. Applications of RimpeX[®] Schedule

RimpeX[®] Schedule is designed for organizations having multiple projects at the same time, especially for construction projects. The enterprise dashboard is useful for the senior and middle level management of the following:

i. Developers

Real estate developers, government organizations, etc. can monitor their projects in the various parts of the country and to get a clear picture on various projects with its schedule performances.

ii. Consultants

Consultants or *Engineers* can monitor their projects under their supervision and get a bird's eye view on whichprojects need to focus on scheduling aspects.

iii. Contractors

Major contractors can monitor their projects in their contracts and understand which of the projects are critically delayed, manage delay claims, etc.

Benefits:

- i. Share the updated schedule among all project team members.
- ii. Avoid unnecessary printing of schedule and reduce printing cost.
- iii. Get schedule comparison of all projects in the organization on a single shot.
- iv. Identify upcoming activities by all team members.
- v. Identify critical and near critical activities by all team members.
- vi. Generate progress S-Curve by any team member without the help of scheduler.
- vii. Collaborate and share notes among team members.
- viii. Test impact of probable risks on schedule by any team member.
- ix. See the impact of current site issues on the project schedule.
- x. Generate resource profiles by any project team member.
- xi. Identify claim events and manage them.
- xii. Share the schedule with others by sharing the link of the project schedule.
- xiii. Get schedule summary on a geographical map.
- xiv. Get schedule summary on the schedule space diagram.
- xv. Print schedule, S-Curve, charts and resources.

3. Limitations of RimpeX[®] Schedule

RimpeX[®] Schedule is limited to work with Oracle Primavera scheduling software. Other scheduling software (Example: Microsoft Project) is not compatible with RimpeX[®] Schedule. Please refer Schedule Administration section for more information on how to assign Primavera Schedule on RimpeX Schedule.

RimpeX[®] Schedule does not required installation of any software in your computer. This web based online system is user friendly and has a high level security with various user controls.

Various sections of the system are designed in the most required format. Users will not have much control on customization. If you need the results and reports in different format, please contact support.

4. Enterprise Schedule Map

Enterprise Schedule Map is a feature of RimpeX Schedule that allows you to see the summary of schedules on a geographical map. After login to RimpeX Schedule click on \bigcirc button to display the Schedule Map as shown below:



Schedule summary bar showing on projects has the following meaning:

- i. Elapsed schedule bar is the blue bar that shows the duration of the current progress.
- ii. Critical remaining bar is the red bar after the elapsed schedule bar. This red bar will be displayed if the project is delayed with respect to the baseline schedule. In other words, if the current finish date of the project is later than or equal to the baseline finish of the project.
- iii. **Non-critical remaining bar** is the **green** bar after the elapsed schedule bar. This green bar will be displayed if the project is progressing ahead of the baseline schedule. If the current finish date of the project is earlier than the baseline finish of the project.
- iv. **Delay bar** is the **flashing red** bar that shows the duration of days with respect to the baseline schedule.
- v. **Ahead bar** is **the flashing green** bar that shows the duration of days ahead of baseline schedule.
- vi. If there is no schedule assigned to this project then bar shows without colour.
- vii. If the project has only baseline schedule, then **a light blue** bar will be displayed.
- viii. If the project has only schedule update then the remaining bar shows **yellow** colour.

Information Window

If you click on the project schedule bar then a few more information on the project schedule will be displayed on a window as shown below:

	Elapsed Remaining Required	: 90 Days : 189 Days : 202 Days	13 Days Of Delay
Baseline Finish 07-Oct-2018	Progress		
Current Finish 20-Oct-2018			8.34%
Data Date 01-Apr-2018			Behind
OPEN	Actual 22.8	8% Planned 31.22	%
MISIP			
	157325		

Project name, project picture, important dates, delay in days, planned progress, actual progress, delay in percentage, etc. will be displayed on this information window. If you click on the OPEN button in the information window, then the detailed schedule will be opened as described in the following sections.

5. Schedule Space Diagram

Schedule Space Diagram is similar to the Schedule Map and distributed on a timescale XY space. Schedule Map displays on a geographical map, where the schedule bar is displayed at the location of the project. Schedule Space Diagram shows on a graphical area where X axis is the time and Y axis is the number of activities (an indirect measure of size of project). Click on E button to display the Schedule Space Diagram as shown below:



Following are the colour codes for the bars:

- i. **Baseline schedule bar** is the **thin yellow** bar at the bottom of the main bar. Baseline schedule is the planned schedule of the project.
- ii. **Elapsed schedule bar** is the **blue** bar that shows the duration of the current progress with reference to the baseline schedule bar.
- iii. **Critical remaining bar** is the **red** bar after the elapsed schedule bar. This red bar will be displayed if the project is delayed with respect to the baseline schedule, if the current finish date of the project is later than or equal to the baseline finish of the project.
- iv. **Non-critical remaining bar** is the **green** bar after the elapsed schedule bar. This green bar will be displayed if the project is progressing ahead of the baseline schedule, if the current finish date of the project is earlier than the baseline finish of the project.
- v. **Delay bar** is the **flashing red** bar that shows the duration of days with respect to the baseline schedule.
- i. **Ahead bar** is the **flashing green** bar that shows the duration of days ahead of baseline schedule. If no bar shows after the blue bar then the project is finished.
- ii. If only **yellow** bar is displayed then this project has only baseline schedule.
- iii. If a project shows only a **blank** bar then the project has no schedules assigned.

In this case, the bar has the following attributes:

- i. The length of each bar is scaled on X axis and thus you can easily compare the durations of bars such as elapsed duration, critical duration, baseline duration, etc. by looking atthe diagram.
- ii. The schedule bars are distributed along the timescale. Therefore, you can easily identify the history of completed, ongoing and upcoming projects on a single shot.
- iii. Identification of projects having longer durations or shorter duration is very easy by looking on the length of project schedule bars.
- iv. The projects displayed at the top of the diagram will have more activities compared to the projects at the bottom. In addition to this, the thickness of the bar shows the size of the project.
- v. A blue vertical line will be displayed at the current date and thus if a project bar shows after the blue line then that project will be an upcoming one.



vi. By keeping these points in your mind look the Schedule Space Diagram once again, you will see the difference.

Click on the bar to see the Information Window as described in the Schedule Map section.

6. Detailed Schedule

How to display detailed schedule of a project?

You can display detailed schedule of a project using any of the following methods:

- 1. Open Schedule Map, click on the project you want to show detailed schedule and click on OPEN button in the Information Window.
- 2. Open Schedule Space Diagram, click on the project you want to show detailed schedule and click on OPEN button in the Information Window.
- 3. Select project from the list and click on schedule button. (🔁)

If you open the detailed schedule by any of the above methods, then you will get the schedule as shown below:

Base	line	Schedule			=	-	۲	▝▝▝▝`₹₦₹₣ः"◢≛ः ?₹₽₽₡
Activ	vity IC	þ	Activity Name	Original Duration	Start	Finish	Total Float	əl ət
ALIF	'NA F	RIMPLEX SAMPLE-1-UPD						
	мов	ILIZATION						
	A1	1000	KICK OFF	0	01-JAN-18		0	•
	A1	1010	AUTHORITY APPROVALS	23	01-JAN-18	24-JAN-18	0	
	A1	1020	SHOP DRAWING PRODUCTION & AP	23	01-JAN-18	24-JAN-18	0	
	CONS	STRUCTION						
	IN	IFRASTRUCTURE WORKS						
		SEWERAGE WORKS						
		A1030	SEWERAGE EXCAVATION WORKS	31	25-JAN-18	25-FEB-18	0	
		A1040	SEWERAGE PIPE LAYING	34	25-FEB-18	31-MAR-18	0	
		A1050	SEWERAGE BACKFILLING	35	31-MAR-18	05-MAY-18	106	
		DRAINAGE WORKS						
		A1060	DRAINAGE EXCAVATION WORKS	31	25-FEB-18	28-MAR-18	0	
		A1070	DRAINAGE PIPE LAYING	39	29-MAR-18	07-MAY-18	0	
		A1080	DRAINAGE BACKFILLING	23	08-MAY-18	31-MAY-18	0	
		ROAD WORKS						
		A1090	FORMATION WORKS	28	29-MAR-18	26-APR-18	0	
		A1100	BASE COURSE WORKS	23	28-APR-18	21-MAY-18	0	
		A1110	FINAL COUSE WORKS	32	22-MAY-18	23-JUN-18	0	

In the Baseline schedule, Activity Id, Activity Description, Original Duration, Planned Start, Planned Finish and Total float will be displayed.

If you want to show schedule update (the most recent project update) then click on the schedule update button. (

So	chedule Update			₹		۹.	•	• = = = =	₽ 1 1	♀ • ₽ ₽ ~
A	Activity ID	Activity Name	Original Duration	Planned Start	Planned Finish	% Complete	Total Float			
1	ALIFNA RIMPLEX SAMPLE-1-UPD									
	MOBILIZATION									
	A1000	KICK OFF	0	01-JAN-18 A		100	0	•		
	A1010	AUTHORITY APPROVALS	23	01-JAN-18 A	24-JAN-18 A	100	0			
	A1020	SHOP DRAWING PRODUCTION & AP	23	01-JAN-18 A	24-JAN-18 A	100	0			
	CONSTRUCTION									
	INFRASTRUCTURE WORKS									
	SEWERAGE WORKS									, and the second se
	A1030	SEWERAGE EXCAVATION WORKS	31	27-JAN-18 A	27-FEB-18 A	100	0			
	A1040	SEWERAGE PIPE LAYING	34	28-FEB-18 A	29-MAR-18 A	100	0			
	A1050	SEWERAGE BACKFILLING	35	01-APR-18	05-MAY-18	0	106			
	DRAINAGE WORKS									
	A1060	DRAINAGE EXCAVATION WORKS	31	01-APR-18	16-APR-18	0	0		-	
	A1070	DRAINAGE PIPE LAYING	39	16-APR-18	26-MAY-18	0	0			
	A1080	DRAINAGE BACKFILLING	23	26-MAY-18	19-JUN-18	0	0		_	
	ROAD WORKS									
Γ	A1090	FORMATION WORKS	28	16-APR-18	15-MAY-18	0	0		_	
Γ	A1100	BASE COURSE WORKS	23	15-MAY-18	09-JUN-18	0	0			
	A1110	FINAL COUSE WORKS	32	09-JUN-18	11-JUL-18	0	0			

In the Updated schedule Activity Id, Activity Description, Original Duration, Start Date, Finish Date, Percent Completion and Total float will be displayed.

If you want to show schedule update with baseline, then click on the schedule update with baseline button. (=)

Schedule Update with Baseline	e		=		-		•. ‡	井리	=	" /	≗ ♀ ₹ ₽ ∞
Activity ID	Activity Name	Original Duration	Planned Start	Planned Finish	Start Date	Finish Date	Planned %	Actual %	Total Float		
ALIFNA RIMPLEX SAMPLE-1-UPD											
MOBILIZATION											
A1000	KICK OFF	0	01-JAN-18		01-JAN-18 A		100	100	0	•	
A1010	AUTHORITY APPROVALS	23	01-JAN-18	24-JAN-18	01-JAN-18 A	24-JAN-18 A	100	100	0		
A1020	SHOP DRAWING PRODUCTION & AP	23	01-JAN-18	24-JAN-18	01-JAN-18 A	24-JAN-18 A	100	100	0		
CONSTRUCTION											
INFRASTRUCTURE WORKS											
SEWERAGE WORKS											
41030	SEWERAGE EXCAVATION WORKS	31	25-IAN-18	25-EEB-18	27-JAN-18 A	27-EEB-18 A	100	100	0		
A1040	SEWERAGE PIPE LAYING	34	25-FFB-18	31-MAR-18	28-FEB-18 A	29-MAR-18 A	100	100	0		
A1050	SEWERAGE BACKFILLING	35	31-MAR-18	05-MAY-18	01-APR-18	05-MAY-18	2.86	0	106		
DRAINAGE WORKS											
A1060	DRAINAGE EXCAVATION WORKS	31	25-FEB-18	28-MAR-18	01-APR-18	16-APR-18	100	0	0		-
A1070	DRAINAGE PIPE LAYING	39	29-MAR-18	07-MAY-18	16-APR-18	26-MAY-18	7.69	0	0		
A1080	DRAINAGE BACKFILLING	23	08-MAY-18	31-MAY-18	26-MAY-18	19-JUN-18	0	0	0		
ROAD WORKS											
A1090	FORMATION WORKS	28	29-MAR-18	26-APR-18	16-APR-18	15-MAY-18	10.71	0	0		
A1100	BASE COURSE WORKS	23	28-APR-18	21-MAY-18	15-MAY-18	09-JUN-18	0	0	0		
A1110	FINAL COUSE WORKS	32	22-MAY-18	23-JUN-18	09-JUN-18	11-JUL-18	0	0	0		

In the Updated schedule with Baseline, Activity Id, Activity Description, Original Duration, Planned Start, Planned Finish, Start Date, Finish Date, Planned %, Actual % and Total float will be displayed.

If you want to get only the baseline schedule, then click on the baseline schedule button. (

7. Schedule Filters

When the detailed schedule is displayed, you can filter the activities by clicking on the respective buttons in the filter tools for the following cases:



i.

WBS (🔚)

Display Work Breakdown Structure without activities:

Work Breakdown Structure	≒ _ = =	😐 🔏 🚢	🖓 🛃 😫 🚭 🧠
ALIFNA RIMPLEX SAMPLE-1-UPD			
MOBILIZATION			
CONSTRUCTION			
INFRASTRUCTURE WORKS			
SEWERAGE WORKS			
DRAINAGE WORKS			
ROAD WORKS			
BUILDING WORKS			
SUBSTRUCTURE WORKS			
SUPERSTRUCTURE			
MEP WORKS			
FINISHING WORKS			
DEMOBILIZATION			

ii. Critical Path / Critical Activities

Display critical path or critical activities in the current schedule. Activities with zero total float will be considered for this.

Crit	ical P	ath			≒ _		9	▝▋▝▋▝▖▌▓▋▌▐▖▏▝▌▓▌▖▏○▎▌▟▝▓
Ac	tivity ID)	Activity Name	Original Duration	Start	Finish	Total Float	tal Jat
AL	IFNA R	IMPLEX SAMPLE-1-UPD						
	MOBI	LIZATION						
	Al	000	KICK OFF	0	01-JAN-18		0	•
	AI	010	AUTHORITY APPROVALS	23	01-JAN-18	24-JAN-18	0	
	Al	020	SHOP DRAWING PRODUCTION & AP	23	01-JAN-18	24-JAN-18	0	
	CONS	TRUCTION						
	IN	FRASTRUCTURE WORKS						
		SEWERAGE WORKS						
		A1030	SEWERAGE EXCAVATION WORKS	31	25-JAN-18	25-FEB-18	0	
		A1040	SEWERAGE PIPE LAYING	34	25-FEB-18	31-MAR-18	0	
		DRAINAGE WORKS						
		A1060	DRAINAGE EXCAVATION WORKS	31	25-FEB-18	28-MAR-18	0	
		A1070	DRAINAGE PIPE LAYING	39	29-MAR-18	07-MAY-18	0	
		A1080	DRAINAGE BACKFILLING	23	08-MAY-18	31-MAY-18	0	
		ROAD WORKS						
		A1090	FORMATION WORKS	28	29-MAR-18	26-APR-18	0	
		A1100	BASE COURSE WORKS	23	28-APR-18	21-MAY-18	0	
		A1110	FINAL COUSE WORKS	32	22-MAY-18	23-JUN-18	0	
		A1240	FOOTPATH, STREETLIGHTING, ETC	38	24-JUN-18	01-AUG-18	0	

iii. Near Critical Activities(😑)

Display near critical activities in the selected schedule. Activities with less than a specified total float will be considered for this.

Near	r-Critical Activities		≒ —		٩	5 ₹ ₹ . ‡ # 4	E	≤	
	A1240	FOOTPATH, STREETLIGHTING, ETC	38	24-JUN-18	01-AUG-18	0			
	A1300	COMPLETION OF INFRASTRUCTURE	0		01-AUG-18	0			•
	BUILDING WORKS								
	SUBSTRUCTURE WORKS								
	A1120	EXCAVATION FOR FOUNDATIONS	14	25-JAN-18	08-FEB-18	0	-		
	A1130	FOUNDATION WORKS	24	10-FEB-18	06-MAR-18	0			
	SUPERSTRUCTURE								
	A1140	COLUM WORKS	25	06-MAR-18	31-MAR-18	0			
	A1150	BEAM WORKS	24	31-MAR-18	24-APR-18	0			
	A1160	SLAB WORKS	25	24-APR-18	19-MAY-18	0			
	A1170	BLOCK WORKS	24	19-MAY-18	12-JUN-18	0			
	MEP WORKS								
	A1190	MEP FIRST FIX WORKS	25	12-JUN-18	07-JUL-18	0			
	A1200	MEP SECOND FIX WORKS	24	07-JUL-18	31-JUL-18	0			
	A1210	MEP FINAL FIX WORKS	25	31-JUL-18	25-AUG-18	0			
	A1290	AIRCONDITIONING ON	0	25-AUG-18		0			•
	FINISHING WORKS								
	A1230	ALL TESTING AND COMMISSIONING	24	25-AUG-18	18-SEP-18	0			
[DEMOBILIZATION								
	A1250	FINAL TESTING AND COMMISSIONI	12	18-SEP-18	30-SEP-18	0			-
	A1260	DEMOBILISATION	7	30-SEP-18	07-OCT-18	0			-
	A1270	PROJECT COMPLETION	0		07-OCT-18	0			•

iv. **Progressing Activities**(**b**)

Ongoing activities will be displayed in this case.

Pro	gre	essing Activities			-		-		• ‡	井 티	12	" 🤏 🚢	ତ 📩 🤹 🖶 🗠
A	tivit	y ID	Activity Name	Original Duration	Planned Start	Planned Finish	Start Date	Finish Date	Planned %	Actual %	Total Float		
R	OAD	S & INFRA											
	PR	ELIMINARIES											
		PROJECT KEY DATES											
		PR-D1060	PROJECT DURATION - GENERAL ITE	516	25-JUL-16	23-DEC-17			99.61	65.76	-192	(•)	
		COMPLETION DATES											
		CONTRACT DOCUMENTS											
		INITIAL WORKS											
		MOBILIZATION											
		RESOURCE MOBILISATION											
		SITE FACILITIES											
		PROJECT DOCUMENTS											
		INSURANCES AND BONDS											
		BASELINE PROGRAMME											
		QUALITY MANAGEMENT PLAN											
		HEALTH, SAFETY AND SECURIT	Y PLAN										

v. Completed Activities(=)

Completed activities will be displayed in this case.

Con	npleted Activities			₹		-		· ≢ ⋕ ╡ ⊧	н 🔏 🚢	₽ 📩 😫 🖨 🗠
Acti	ivity ID	Activity Name	Original Duration	Planned Start	Planned Finish	% Complete	Total Float			
ALI	FNA RIMPLEX SAMPLE-1-UPD									
	MOBILIZATION									
	A1000	KICK OFF	0	01-JAN-18 A		100	0	•		
	A1010	AUTHORITY APPROVALS	23	01-JAN-18 A	24-JAN-18 A	100	0			
	A1020	SHOP DRAWING PRODUCTION & AP	23	01-JAN-18 A	24-JAN-18 A	100	0			
	CONSTRUCTION									
	INFRASTRUCTURE WORKS									
	SEWERAGE WORKS									
	A1030	SEWERAGE EXCAVATION WORKS	31	27-JAN-18 A	27-FEB-18 A	100	0			
	A1040	SEWERAGE PIPE LAYING	34	28-FEB-18 A	29-MAR-18 A	100	0			
	DRAINAGE WORKS									
	ROAD WORKS									
	BUILDING WORKS									
	SUBSTRUCTURE WORKS									
	A1120	EXCAVATION FOR FOUNDATIONS	14	25-JAN-18 A	08-FEB-18 A	100	0	-		
	A1130	FOUNDATION WORKS	24	10-FEB-18 A	06-MAR-18 A	100	0			
	SUPERSTRUCTURE									

vi. Upcoming Activities(🕒)

Activities that have not yet started will be displayed in this case.

Upcoming Activities			=		-		•. ‡	井딕	E	# 🔏 🚢	₽ •	2 🖶 🗠
Activity ID	Activity Name	Original Duration	Planned Start	Planned Finish	Start Date	Finish Date	Planned %	Actual %	Total Float			
ALIFNA RIMPLEX SAMPLE-1-UPD												
MOBILIZATION												
CONSTRUCTION												
INFRASTRUCTURE WORKS												
SEWERAGE WORKS												
A1050	SEWERAGE BACKFILLING	35	31-MAR-18	05-MAY-18	01-APR-18	05-MAY-18	2.86	0	106	, and the second se		
DRAINAGE WORKS												
A1060	DRAINAGE EXCAVATION WORKS	31	25-FEB-18	28-MAR-18	01-APR-18	16-APR-18	100	0	0			
A1070	DRAINAGE PIPE LAYING	39	29-MAR-18	07-MAY-18	16-APR-18	26-MAY-18	7.69	0	0			
A1080	DRAINAGE BACKFILLING	23	08-MAY-18	31-MAY-18	26-MAY-18	19-JUN-18	0	0	0	_	.	
ROAD WORKS												
A1090	FORMATION WORKS	28	29-MAR-18	26-APR-18	16-APR-18	15-MAY-18	10.71	0	0			
A1100	BASE COURSE WORKS	23	28-APR-18	21-MAY-18	15-MAY-18	09-JUN-18	0	0	0		-	
A1110	FINAL COUSE WORKS	32	22-MAY-18	23-JUN-18	09-JUN-18	11-JUL-18	0	0	0			
A1240	FOOTPATH, STREETLIGHTING, ETC	38	24-JUN-18	01-AUG-18	11-JUL-18	19-AUG-18	0	0	0			
A1300	COMPLETION OF INFRASTRUCTURE	0		01-AUG-18		19-AUG-18	0	0	0			
BUILDING WORKS												
SUBSTRUCTURE WORKS												

vii. Milestones(🚺)

Milestone activities will be displayed in this case.

		= -				•. ‡	井 티	E.	# 🥖 🚢	P 🔁 ,	😫 🖶 %
tivity Name	Original Duration	Planned P Start	Planned Finish	start Date	Finish Date	Planned %	Actual %	Total Float			
K OFF	0	01-JAN-18	(01-JAN-18 A		100	100	0 +	•		
MPLETION OF INFRASTRUCTURE	0	0	1-AUG-18		19-AUG-18	0	0	0			•
MPLETION OF STRUCTURAL WO	0	0	07-JUL-18		19-JUL-18	0	0	42		٠	
WER ON	0	31-JUL-18		13-AUG-18		0	0	21			•
CONDITIONING ON	0	25-AUG-18		06-SEP-18		0	0	0			•
	tivity Name	tivity Name Original Duration K OFF 0 MPLETION OF INFRASTRUCTURE 0 MPLETION OF STRUCTURAL WO 0 MER ON 0 CONDITIONING ON 0	ENVISY Name Original Planned F Duration Planned F KOFF 0 01-JAN-18 MELETION OF INFRASTRUCTURE 0 01-JAN-18 MELETION OF STRUCTURAL WOL 0 0 MELETION OF STRUCTURAL WOL 0 0 MELETION OF STRUCTURAL WOL 0 0 MELETION OF STRUCTURAL WOL 0 31-JUL-18 MELETION OF STRUCTURAL WOL 0 31-JUL-18	Initial Structure Initial Structure Initial Structure NMPLETION OF INFRASTRUCTURE 0 01-JAN-18 NPLETION OF STRUCTURAL WOL. 0 07-JUL-18 NPLETION OF STRUCTURAL WOL. 0 35-JUL-18 NER ON 0 35-JUL-18	New Constructional With Name Original Duration Planned Start Planned Finish Start Date KOFF 0 01-JAN-18 01-JAN-18 01-JAN-18 A MELETION OF INFRASTRUCTURE 0 01-JAN-18 01-JAN-18 A MELETION OF STRUCTURAL WOL. 0 07-JUL-18 13-AUG-18 MERETION OF STRUCTURAL WOL. 0 31-JUL-18 13-AUG-18 MERETION OF STRUCTURAL WOL. 0 31-JUL-18 06-SEP-18	Image: Name Original Duration Planned Start Planned Finish Start Date KOFF 0 01-JAN-18 O1-JAN-18 A MELETION OF INFRASTRUCTURE 0 01-JAN-18 IP-AUG-18 MELETION OF STRUCTURAL WO 0 07-JUL-18 IP-AUG-18 MERETION OF STRUCTURAL WO 0 07-JUL-18 IP-AUG-18 MERETION OF STRUCTURAL WO 0 07-JUL-18 IP-AUG-18 MERETION OF STRUCTURAL WO 0 01-JUL-18 IP-AUG-18 MERETION OF STRUCTURAL WO 0 01-JUL-18 IP-AUG-18 MERETION OF STRUCTURAL WO 0 31-JUL-18 IP-AUG-18 MERETION OF STRUCTURAL WO 0 31-JUL-18 IP-AUG-18	Image: Normal Start Image: Normal Start Image: Normal Start Image: Normal Start KOFF 0 01-JAN-18 01-JAN-18 01-JAN-18 A MELETION OF INFRASTRUCTURE 0 01-JAU-18 19-JUL-18 MELETION OF STRUCTURAL WO 0 07-JUL-18 19-JUL-18 MELETION OF STRUCTURAL WO 0 37-JUL-18 19-JUL-18 MELETION OF STRUCTURAL WO 0 37-JUL-18 19-JUL-18 MELETION OF STRUCTURAL WO 0 37-JUL-18 19-JUL-18	Image: Note of the second se	Image: Normal Start Planned Duration Planned Start Start Planned Finish Start Planned Finish	Image: Normation of infrastructure. 0	Image: Normal Start Planned Start Date Planned Actual % Total % KOFF 0 01-JAN-18 01-JAN-18 A 100 100 0 • MELETION OF INFRASTRUCTURE 0 01-JAN-18 19-AUG-18 0 0 • MELETION OF INFRASTRUCTURE 0 07-JUL-18 19-AUG-18 0 0 • MELETION OF STRUCTURAL WOLL 0 07-JUL-18 19-JUL-18 0 0 42 • MERETION OF STRUCTURAL WOLL 0 31-JUL-18 13-AUG-18 0 0 21 VER ON 0 35-AUG-18 06-SEP-18 0 0 21

viii. Look-Ahead(🗮)

Look-ahead schedule for a specified time period from the Data Date will be displayed.

Look-Ahead			= -		-		•. ŧ	井딕	Ε.	። 🤏 🚢	₽ 🛃 😫 🖨 🗠
Activity ID	Activity Name	Original Duration	Planned F Start	Planned Finish	Start Date	Finish Date	Planned %	Actual %	Total Float		
ALIFNA RIMPLEX SAMPLE-1-UPD											
MOBILIZATION											
CONSTRUCTION											
INFRASTRUCTURE WORKS											
SEWERAGE WORKS											
A1050	SEWERAGE BACKFILLING	35	31-MAR-18 0	5-MAY-18	01-APR-18	05-MAY-18	2.86	0	106		
DRAINAGE WORKS											
A1060	DRAINAGE EXCAVATION WORKS	31	25-FEB-18 2	8-MAR-18	01-APR-18	16-APR-18	100	0	0		
ROAD WORKS											
BUILDING WORKS											
SUBSTRUCTURE WORKS											
SUPERSTRUCTURE											
A1140	COLUM WORKS	25	06-MAR-18 3	81-MAR-18	01-APR-18	12-APR-18	100	0	0		
MEP WORKS											
FINISHING WORKS											
DEMOBILIZATION											

8. Schedule Results

Summary of schedule, construction S-Curve and resource profiles of the selected project are included in this section.

R	esults
	1

i. Summary of schedule(😐)

Summary of the progress (actual progress, planned progress and % ahead or behind), Durations (baseline, elapsed, remaining, required and delay) and important dates (baseline start, actual start, data date, baseline finish, current finish and last uploaded date) will be displayed as shown below.



ii. S-Curve(🗾)



Click on the S-curve button to display the standard S-Curve for a construction project.

Blue Bars: Planned monthly value of the project as per the baseline schedule.

Green Bars: Actual monthly value of the project.

Red Bars: Scheduled monthly value of the project based on the current project update.

Blue Curve: Cumulative planned S-curve of the project.

Green Curve: Cumulative actual S-curve till the data date of the project.

Red Curve: Continuation of the actual S-curve as the scheduled cumulative values is based on the current schedule update of the project.

iii. Resource Profiles(📥)

Display profiles of various resources in the major three categories: Men, Machine and Material. Resource profile is similar to the progress histogram with S-Curve. Here in this case the man hours of a particular workforce or machine hours of a particular machine or the quantities of various materials in the project will be shown.

a) Labour Profiles

Labour profiles can be generated as one profile representing the entire work force involved in the project considering all types of employees. Or separate profiles can be generated for a particular labour type, example: Mason Profile.



Monthly bar with different colours shows the man hours required or worked or scheduled in the project and the curve shows the cumulative values.

b) Plant or Machinery Profiles

Similar to Labour Profiles, Plant Profiles also can be generated representing the total machine hours required, used or scheduled in the project. Or the profile can be generated for a particular machine, example: Excavator.



c) Material Profiles

Material profiles can be generated for various materials planned, used and scheduled similar to labour or plant profiles. Here the unit varies based on the material, examples: M3 for concrete and M2 for floor tiles.



Note: These profiles will be generated in RimpeX Schedule without additional input in the system. These profiles will be generated based on the resource assignments in the scheduling system.

9. Collaboration

One of the advantages of RimpeX Schedule is that the updated schedule will be visible to all the project team members configured in the system and this collaborative feature allows RimpeX users to comment on any activity.

For example: If you are responsible for a certain activity and if you want to comment anything on that activity (actual start, % progress, completion, delay, risk, claim, etc.), then click on \bigcirc button to display collaboration screen and click on + button on the activity you want to comment and type your comment.

You can see comments by others by clicking on \bigcirc button. This feature will help the Planner to get site updates from the responsible team members and to update the schedule progress.

Collat	ooration			=		٩		" 🔏	₽ 🛃 🖶	∞°0
Activity II	þ	Activity Name	Original Duration	Start	Finish	Total Float		Comments		
ALIFNA F	RIMPLEX SAMPLE-1-UPD									
МОВ	ILIZATION									
A A	000 010 020	KICK OFF AUTHORITY APPROVALS SHOP DRAWING PRODUCTION & AP	0 23 23	01-JAN-18 01-JAN-18 01-JAN-18	24-JAN-18 24-JAN-18	0	•	Finished on 1	-1-18	+++++++++++++++++++++++++++++++++++++++
CON	STRUCTION	Shor Sharing Providence and		or partic	21,91110	Ū				
IN	IFRASTRUCTURE WORKS									
	A1030	SEWERAGE EXCAVATION WORKS	31	25-JAN-18	25-FEB-18	0				+
	A1040	SEWERAGE PIPE LAYING	34	25-FEB-18	31-MAR-18	0		Expecting 10	days delay	+
	A1050	SEWERAGE BACKFILLING	35	31-MAR-18	05-MAY-18	106			10.001	+
	DRAINAGE WORKS									
	A1060	DRAINAGE EXCAVATION WORKS	31	25-FEB-18	28-MAR-18	0				
	A1070	DRAINAGE PIPE LAYING	39	29-MAR-18	07-MAY-18	0		50% progres:	s and suspen	
	A1080	DRAINAGE BACKFILLING	23	08-MAY-18	31-MAY-18	0				
	ROAD WORKS									
	A1090	FORMATION WORKS	28	29-MAR-18	26-APR-18	0				+
	A1100	BASE COURSE WORKS	23	28-APR-18	21-MAY-18	0				+
	A1110	FINAL COUSE WORKS	32	22-MAY-18	23-JUN-18	0				+

At the rightmost column click + button to add your comments.

You can see the last comment on an activity.

Click \bigcirc button to display all comments in the activity.

Note:

Schedule Administrator can clear all comments in his project.

10. Risks and Issues

If you observe any potential risk or any active issue in the project, that has an impact on a particular activity in the project schedule, then you can link this risk or issue with the activity in the schedule. By doing this, you will be able to forecast the impact on the project finish or delays due to various issues in the project and can take precautions before occurrence of the issue at the construction site.

Ris	ks & Issues			=	-	٩		:: 🔏 🚢	₽ 🛃 🖶 🗞
Activit	y ID	Activity Name	Original Duration	Start	Finish	Total Float		Risks & Issue	95
ALIFN	A RIMPLEX SAMPLE-1-UPD								
M	OBILIZATION								
	A1000	KICK OFF	0	01-JAN-18		0	•		+
	A1010	AUTHORITY APPROVALS	23	01-JAN-18	24-JAN-18	0		0	+
	A1020	SHOP DRAWING PRODUCTION & AP	23	01-JAN-18	24-JAN-18	0			+
С	ONSTRUCTION								
	INFRASTRUCTURE WORKS								
	SEWERAGE WORKS								
	A1030	SEWERAGE EXCAVATION WORKS	31	25-JAN-18	25-FEB-18	0			+
	A1040	SEWERAGE PIPE LAYING	34	25-FEB-18	31-MAR-18	0		0	+
	A1050	SEWERAGE BACKFILLING	35	31-MAR-18	05-MAY-18	106		<u>^</u>	+
	DRAINAGE WORKS								
	A1060	DRAINAGE EXCAVATION WORKS	31	25-FEB-18	28-MAR-18	0		0	+
	A1070	DRAINAGE PIPE LAYING	39	29-MAR-18	07-MAY-18	0			+
	A1080	DRAINAGE BACKFILLING	23	08-MAY-18	31-MAY-18	0			+
	ROAD WORKS								
	A1090	FORMATION WORKS	28	29-MAR-18	26-APR-18	0			+
	A1100	BASE COURSE WORKS	23	28-APR-18	21-MAY-18	0		1	+
	A1110	FINAL COUSE WORKS	32	22-MAY-18	23-JUN-18	0	_		+

Use Risk \triangle button or Issue \bigcirc button to display on the schedule. You can view or update details by clicking on these icons displayed on activities. You can also post new Risk or Issue clicking on the (+) button.

11. Delay Analysis

If there are some delay events in the project then click on button to see these delay events and related activities in the schedule.

Item Description	Task	Ar ID I	nticipated Delay	Apply	Start Date	01-01-2017	
ciona cTitles	stack		lay impacts	Apply	Baseline finish	31.12.2017	
	Staak		ay impacts	Apply	Scheduled Finish	01-03-2018	•
<icon> <title></title></icon>	<task< td=""><td>ID> <del< td=""><td>lay impact></td><td>Apply</td><td>Risk Impact Finish</td><td>01-04-2018</td><td>•</td></del<></td></task<>	ID> <del< td=""><td>lay impact></td><td>Apply</td><td>Risk Impact Finish</td><td>01-04-2018</td><td>•</td></del<>	lay impact>	Apply	Risk Impact Finish	01-04-2018	•
<icon> <title></title></icon>	<task< th=""><th>ID> <del< th=""><th>lay impact></th><th>Apply</th><th></th><th>01042010</th><th>-</th></del<></th></task<>	ID> <del< th=""><th>lay impact></th><th>Apply</th><th></th><th>01042010</th><th>-</th></del<>	lay impact>	Apply		01042010	-
<icon> <title></title></icon>	<task< td=""><td>ID> <del< td=""><td>lay impact></td><td>Apply J</td><td></td><td>Projec</td><td>t Delay : N Days</td></del<></td></task<>	ID> <del< td=""><td>lay impact></td><td>Apply J</td><td></td><td>Projec</td><td>t Delay : N Days</td></del<>	lay impact>	Apply J		Projec	t Delay : N Days
vities At Risk							
ivities At Risk	Activity Name	Early Start	Earty Finish				
ivities At Risk Activity ID Design	Activity Name	Early Start	Early Finish				
ivities At Risk activity ID Design A1000	Activity Name Design of machine A	Early Start 01/01/2018	Early Finish	-			
ivities At Risk activity ID Design A1000 A1010	Activity Name Design of machine A Design of machine B	Early Start 01/01/2018 13/01/2018	Early Finish 11/01/2018 23/01/2018	•			
kcivity ID Design A1000 A1010 A1020	Activity Name Design of machine A Design of machine B Design of machine C	Early Start 01/01/2018 13/01/2018 13/01/2018	Early Finish 11/01/2018 23/01/2018 27/01/2018	•			
ivities At Risk ctivity ID Design A1000 A1010 A1020 A1030	Activity Name Design of machine A Design of machine B Design of machine C Design of machine D	Early Start 01/01/2018 13/01/2018 13/01/2018 28/01/2018	Earty Finish 11/01/2018 23/01/2018 27/01/2018 12/02/2018				
tivities At Risk ctivity ID Design A1000 A1010 A1020 A1030 Fabrication	Activity Name Design of machine A Design of machine B Design of machine C Design of machine D	Early Start 01/01/2018 13/01/2018 13/01/2018 28/01/2018	Early Finish 11/01/2018 23/01/2018 27/01/2018 12/02/2018	1			
Activity ID Design A1000 A1000 A1010 A1020 A1030 Fabrication A1040	Activity Name Design of machine A Design of machine B Design of machine C Design of machine D Fabrication & Assembly Un	Early Start 01/01/2018 13/01/2018 13/01/2018 28/01/2018 01/01/2018	Early Finish 11/01/2018 23/01/2018 27/01/2018 12/02/2018 06/01/2018	1			

Based on the anticipated delays in these risk events, you can see the impact on the upcoming activities in the projects and can analyze the impact on the project finish date.

For more information on delay analysis, please refer Risk module of RimpeX PMIS.

12. Claim Analysis

Click on 뢷 button to manage claims. Add or modify claims based on the claim events.

Claims Claim title Claim title Claim title		Amoutr Days A Details	nt Claimed : 0.0 \$ pproved : 0 Days 	
Activities Affected	Activity Name	Early Start	Early Finish	Û
A1000	Design of machine A	01/01/2018	11/01/2018	
A1010	Design of machine B	13/01/2018	23/01/2018	22
A1020	Design of machine C	13/01/2018	27/01/2018	
A1030	Design of machine D	28/01/2018	12/02/2018	
Fabrication				
A1040	Fabrication & Assembly Un	01/01/2018	06/01/2018	
A1050	Fabrication of machine A	13/01/2018	23/01/2018	Q

For more information on claim analysis, please refer Claim section of RimpeX PMIS.

13. 2DT Simulation

2DT Simulation is the visualization of your project on a two dimensional drawing, based on the project schedule update in Primavera. Comparison of progress with respect to the baseline schedule on the drawing is a quick method of educating the project team on actual and planned. 2DT Simulation also simulates the drawing as on any specified date within the project duration.



Sample of 2DT implementation

Drawing will be automatically updated based on the schedule update in Primavera. 2DT Simulation required CAD drawing with specified standards, layers and styles.

2D Simulation is an add-on service. If you would like to apply 2DT Simulation on your project, please contact support.

14. 3DT Simulation

3DT Simulation is the visualization of your project on a three dimensional project model, based on the project schedule update in Primavera. Comparison of progress with respect to the baseline schedule on the 3D view is a quick method of educating the project team on actual and planned. 3DT Simulation also simulates the 3D view as on any specified date within the project duration.



Sample of 3DT implementation:

3D view will be automatically updated based on the schedule update in Primavera. 3DT Simulation requires CAD drawing with specified standards, layers and styles. 3DT Simulation is not a subscribed feature.

3DT Simulation is an add-on service. If you would like to apply 3DT Simulation on your project, please contact support.

15. Print Report

Use print button to print any display such as detailed schedule, s-curve, resource profiles, etc. This will show you the print preview dialog as shown below.

Print Total: 1 sheet	of paper	Summary of Schellen Baseline Bas
Destination	Print Cancel	Progress 834% Behind
Pages	 All e.g. 1-5, 8, 11-13 	Actual 22.88% Planned 31.22%
Copies	1	inne Baseline Elapsed Remaining Required
Layout Color	Portrait Color	Delay Dates Baseline Start Date : 01Jan-200 Baseline finish Date : 017-06-2008 Date Date :
+ More se	ttings	
Print using sys	stem dialog (Ctrl+Shift+P)	

If you want to generate PDF reports, use PDF print drivers. PDF printer driver can be installed from Adobe website.

16. Share Your Schedule

All project team members configured in the RimpeX Schedule can view the project schedule and use schedule features as per the configuration set for the users.

In case if you want to share your schedule with others, then click on \leq button. Here are the steps to share a schedule with others:

i. Open your project schedule in RimpeX Schedule and click on substantiation button to display the following dialog.

Link sharing	Create New Link
Anyone with the link can view	Copy link
http://www.alifna.com/projducts/debug/risk/observat	ion/schedule/view-schedule?key=k
	Diable Link

- ii. Click on Copy link button.
- iii. Send this link by pasting the selected link (example: paste in a new email).

Notes:

- i. If link is not displayed or if Copy link button is not active then click on Create New Link to generate new link for sharing. Please note that by doing this old link will be deactivated.
- iv. In case if you want to disable the link you already shared with others, then click on Disable Link.
- v. Get more information by clicking on Learn More.

What others get?

If anyone who gets the link shared from RimpeX Schedule (example: via email), need to click on the link to open the project schedule on the default browser as shown below.

	Schedule : Project ×									×
Pr	roject Name									? 1
Bas	eline Schedule						≒ ==		። 🔏 🚢	0
Activ	vity ID	Activity Name	Original Duration	Start	Finish	Total Float				
ALIF	NA RIMPLEX SAMPLE-1-UPD									
1	MOBILIZATION									
	A1000	KICK OFF	0	01-JAN-18		0	•			
	A1010	AUTHORITY APPROVALS	23	01-JAN-18	24-JAN-18	0				_
	A1020	SHOP DRAWING PRODUCTION & AP.	23	01-JAN-18	24-JAN-18	0				
0	CONSTRUCTION									
	INFRASTRUCTURE WORKS									
	SEWERAGE WORKS									
	A1030	SEWERAGE EXCAVATION WORKS	31	25-JAN-18	25-FEB-18	0				_
	A1040	SEWERAGE PIPE LAYING	34	25-FEB-18	31-MAR-18	0				_
	A1050	SEWERAGE BACKFILLING	35	31-MAR-18	05-MAY-18	106				_
	DRAINAGE WORKS									
	A1060	DRAINAGE EXCAVATION WORKS	31	25-FEB-18	28-MAR-18	0				_
	A1070	DRAINAGE PIPE LAYING	39	29-MAR-18	07-MAY-18	0				_
	A1080	DRAINAGE BACKFILLING	23	08-MAY-18	31-MAY-18	0				
	ROAD WORKS									
	A1090	FORMATION WORKS	28	29-MAR-18	26-APR-18	0				_
	A1100	BASE COURSE WORKS	23	28-APR-18	21-MAY-18	0				_
	A1110	FINAL COUSE WORKS	32	22-MAY-18	23-JUN-18	0		_		- L

They will get the following features.

- i. View baseline schedule
- ii. View updated schedule
- iii. View updated schedule with baseline
- iv. View work breakdown structure
- v. View critical activities
- vi. View near critical activities
- vii. View milestones
- viii. View progressing activities
- ix. View look-ahead schedule
- x. View completed activities
- xi. View upcoming activities
- xii. View schedule summary
- xiii. View s-curve
- xiv. View resource profiles
- xv. Print all of the above

Notes:

- 1. Other features such as collaboration, delay analysis, etc. will be available through shared link.
- 2. One shared link will be applicable for one project.
- 3. Disabling and creating new link is allowed only for the schedule administrator.

17. Schedule Administration

Each project will have a schedule administrator who will be assigning baseline schedule and schedule updates, weekly or monthly, as per the project progress reporting period. Schedule administrator of a project will be assigned by the RimpeX system administrator of the organization. For more information on RimpeX administration, please refer RimpeX user administration document.

To display schedule administration details, click on the schedule admin button. (🎰)

How to assign Baseline Schedule?

Following are the steps to assign Baseline Schedule of a project:

- 1. Open the baseline schedule in your Oracle Primavera software.
- 2. Click File > Export... and generate XER file.
- 3. In the RimpeX Schedule click on 📠 button.
- 4. Click on Browse button in the Baseline section and select the XER file created in the above step and click on Assign button.

How to assign Schedule Update?

Following are the steps to assign Schedule Update of a project:

- 1. Open the update schedule in your Oracle Primavera software.
- 2. Click File > Export... and generate XER file.
- 3. In the RimpeX Schedule click on 📠 button.
- 4. Click on Browse button in the Schedule Update section and select the XER file created in the above step and click on Assign button.

Schedule Administration		Oracle Primavera XER Files	*
Baseline Schedule Last Updated On : 09-Jan-2018 RimpeX-BL-Past1 RimpeX2-BL-Completed.xer Choose File Upload	Progress calculation metho	bd	
Updated Schedule Last Updated On : 09-Jan-2018 Data Date : 15-Jan-2017 RimpeX-UPD-Past1-1 Choose File Upload	Activity Duration Resource Cor	at v	Ţ

Other Configurations

The schedule administrator also has other configurations to set, such as progress calculation methods, resource assignments, etc. displayed in the same section. These are self explanatory to the Planners and they are recommended to follow instructions in the sections.