

Long Term Planner

ViziRail's Long Term Planner module provides a rich array of functionality to perform detailed train schedule creation and alteration, and to manage collections of schedules/templates known as 'timetables'. It is possible to manage any number of timetables (collections of train schedules in the LTP) as discrete entities that can be promoted into production, copied to scenarios, made effective and ineffective, published and/or generated into the short term plan.

Key Long Term Planning functions include:

- ❑ **Scenarios Planning:** ability to experiment with geography and timetables in a non-production environment
- ❑ **Manage Timetables:** ability to create, copy, delete, edit train path, add dwells, add variance to the section run times, add comments and add links through a tabular or graphic form
- ❑ **Train Graph:** time-distance graphs, infinitely configurable with drag and drop train schedule alteration and conflict detection

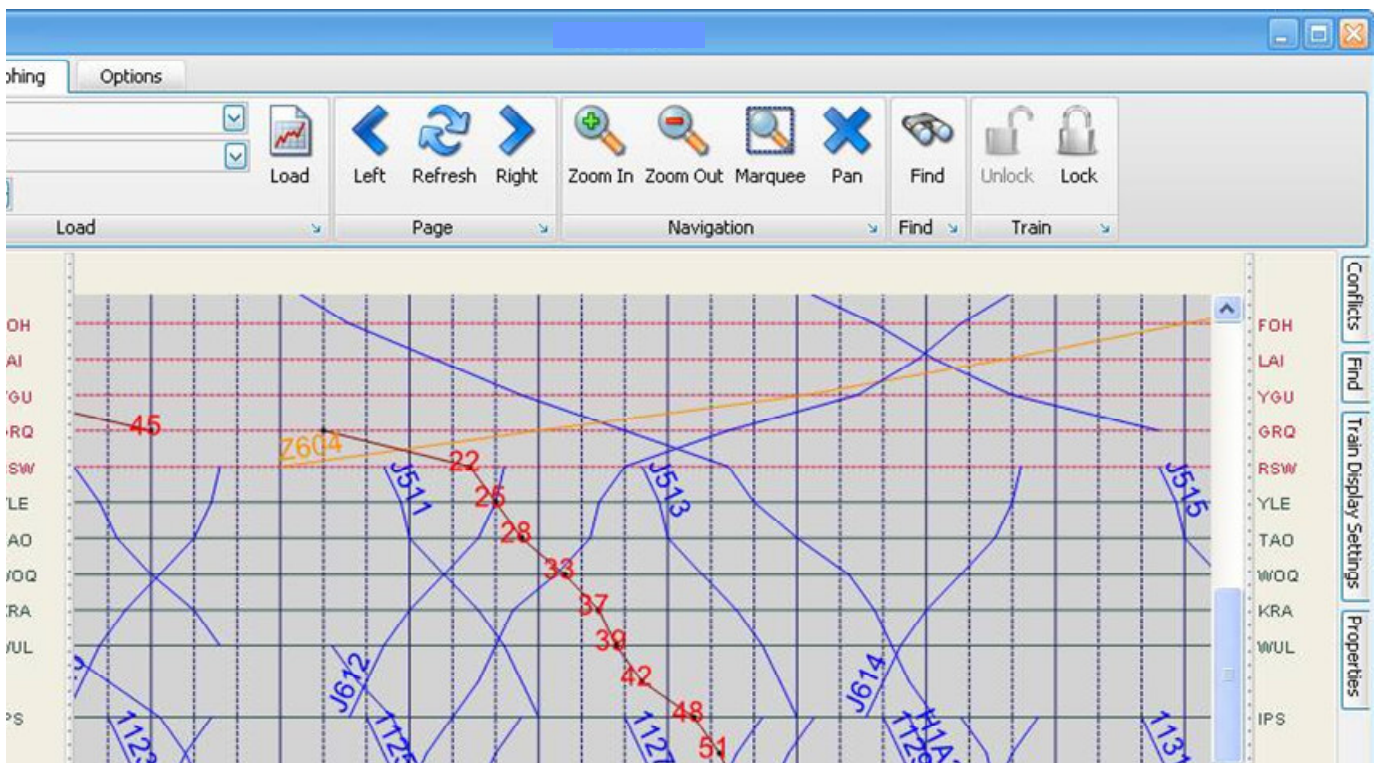


Figure 1: LTP Train Graph

- ❑ **List and Detail Tabular Forms:** detailed forms and data lists containing all available information
- ❑ **Bulk processes:** enables changes across a selected list of trains. Changes include copy train, path, dwells, section run time variances, linking, train status and other train details
- ❑ **Geography versioning:** allowing future, past, present network versions to coexist
- ❑ **Schematic path selector:** precise train path and track possession visualisation with point and click adjustment
- ❑ **Calendar view:** viewing and selecting dates that timetables will run in a calendar form

- **Timetable reports:** a high presentation quality timetable report is available to publish and communicate the standard timetable to stakeholders

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Trip	CON139	CON004	CON154	CON245	CON020	CON253	CON301	CON083	CON289
Description	Connex	Connex	Connex	Connex	Connex	Connex	Connex	Connex	Connex
Days of Operation	S.....S	S.....S	S.....S	S.....S	S.....S	S.....S	S.....S	S.....S	S.....S
Run Formed By (Origin)	LIL	ALM	BEG	LIL	ALM	BEG	LIL	ALM	BEG
Station									
AlameinArr
Dep	.	0725	.	.	1112	.	.	1455	.
	.	#1	.	.	#1	.	.	#1	.
Ashburton.....Arr	.	0725	.	.	1112	.	.	1455	.
Dep	.	0726	.	.	1113	.	.	1456	.
	.	#1	.	.	#1	.	.	#1	.
Burwood.....Arr	.	0727	.	.	1114	.	.	1457	.
Dep	.	0728	.	.	1115	.	.	1458	.
	.	#1	.	.	#1	.	.	#1	.
HartwellArr	.	0729	.	.	1116	.	.	1459	.
Dep	.	0730	.	.	1117	.	.	1500	.
	.	#1	.	.	#1	.	.	#1	.
Willison.....Arr	.	0731	.	.	1118	.	.	1501	.
Dep	.	0732	.	.	1119	.	.	1502	.
	.	#1	.	.	#1	.	.	#1	.
Riversdale.....Arr	.	0733	.	.	1120	.	.	1503	.
Dep	.	0734	.	.	1121	.	.	1504	.
	.	#1	.	.	#1	.	.	#1	.
CamberwellArr	.	0736	.	.	1123	.	.	1506	.
Dep	0649	0737	0847	1026	1124	1247	1432	1507	1619
	#2	#1	#1	#2	#1	#1	#2	#1	#1
Auburn.....Arr	0651	0738	(0848)	1028	1125	(1248)	1434	1508	(1620)
Dep	0651	0739	(0848)	1028	1126	(1248)	1434	1509	(1620)
	#2	#1	#1	#2	#1	#1	#2	#1	#1
Glenferrie.....Arr	0653	0740	(0849)	1030	1127	(1249)	1436	1510	(1621)
Dep	0653	0741	(0849)	1030	1128	(1249)	1436	1511	(1621)
	#2	#1	#1	#2	#1	#1	#2	#1	#1
Hawthorn.....Arr	0655	0742	(0850)	1032	1129	(1250)	1438	1512	(1622)
Dep	0655	0743	(0850)	1032	1130	(1250)	1438	1513	(1622)
	#2	#1	#1	#2	#1	#1	#2	#1	#1
Burnley.....Arr	0657	0744	(0851)	1034	1131	(1251)	1440	1514	(1623)
Dep	0657	0745	(0851)	1034	1132	(1251)	1440	1515	(1623)
	#2	#1	#1	#2	#1	#1	#2	#1	#1
East Richmond.....Arr	0659	0746	(0852)	1036	1133	(1252)	1442	1516	(1624)
Dep	0659	0747	(0852)	1036	1134	(1252)	1442	1517	(1624)

Figure 2: Timetable report