

S.A.T.S.

SpaceMonkeys

**AMAZING
Train System**

USER GUIDE

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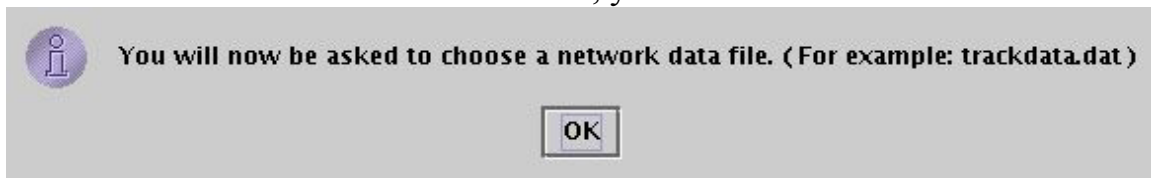
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START UP

You can load SATS by opening a terminal (in UNIX) or command prompt (in windows) window, enter the directory where SATS is located (usually the command *cd SATS* is all that is needed) and then enter the command:

```
java -jar SATS.jar
```

When SATS is loaded for the first time, you will see this screen.



This is the load new network screen, you will then be sent to the change network representation screen, and finally to the load network screen. These screens are described in the network operator mode section (next page).

When you open SATS for the subsequent times, you will be sent to the passenger queries screen.

Network Operator mode

When you select the network operator tab, you will be prompted to insert a password, this is provided on a separate piece of documentation that came with the software. When this has been entered correctly, click the OK button.

After the password has been entered successfully, you will encounter this screen:

The screenshot shows a software interface with three tabs at the top: "Passenger Queries", "Station Manager mode", and "Network Operator mode". The "Network Operator mode" tab is selected. Below the tabs, there are two input fields for time: "12" for hours and "0" for minutes, both with up/down arrows. Below these is a button labeled "Update Network Diagram". In the center of the screen, the text "Diagram would have been displayed here" is shown. At the bottom, under the heading "Further Network Operation Options", there are three buttons: "Change Network", "Change Timetable", and "Alter Network".

Select the option you want with the mouse button.

Change Network

Enter the file name for the track data you want to load. You will then be sent to the alter network screen.

Alter Network

You will be sent to this screen:

Please enter the stations' full names.

Full name for BAIR	Birmingham Airport
Full name for BIRM	Birmingham
Full name for UNI	UNI
Full name for BAN	BAN
Full name for LKX	LKX
Full name for MK	MK

Apply new / altered names

Click on a box under a station acronym to enter its full name, then type that name in with the keyboard. When you have finished making changes, click the **Apply new / altered names** button to go to the next screen, if you have loaded new track data, this will be the change timetable screen, otherwise it will send you to the initial network view screen.

Change Timetable

Enter the file name for the timetable data you want to load. You will then return to the initial screen.

Update Network Diagram

Before you select this option insert a starting time into the box above the button. A map will then appear of the trains positioned on the current network. Change the time and press the button to again to alter the view to a different time. You can click on a train or station to bring up its details.

Passenger Queries

When you select this tab, you should see the following screen:

The screenshot shows a web interface with three tabs at the top: "Passenger Queries", "Station Manager mode", and "Network Operator mode". The "Passenger Queries" tab is selected. Below the tabs, the text "Please choose a source station:" is followed by a dropdown menu showing "Randomtown Station 114". Below this is a button labeled "Add Via Route". Then, the text "Please choose a destination station:" is followed by another dropdown menu also showing "Randomtown Station 114". At the bottom is a button labeled "Submit Query".

Enter the stations you wish to depart and arrive from the pull-down menus, click the **Add Via Route** button to add additional stations that you may wish to travel by. This screen should now be visible:

This screenshot shows the same interface as the previous one, but with an additional section. Between the "Add Via Route" and "Delete Via Route" buttons, there is a new section labeled "via station:" followed by a dropdown menu showing "Randomtown Station 114". The "Add Via Route" and "Delete Via Route" buttons are now stacked vertically. The "Submit Query" button remains at the bottom.

Press the **Delete Via Route** button to remove the bottom via option.

Click the **Submit Query** button to finalise your choice. You will be sent to the query results screen:

Passenger Queries
Station Manager mode
Network Operator mode

Train	Time of Departure	Line Number
ID: 700	0:13	Z
ID: 700	0:39	Z
ID: 700	1:05	Z
ID: 700	1:31	Z
ID: 700	1:57	Z
ID: 700	2:23	Z
ID: 700	2:49	Z
ID: 700	3:15	Z
ID: 700	3:41	Z
ID: 700	4:07	Z
ID: 700	4:33	Z
ID: 700	4:59	Z
ID: 700	5:25	Z
ID: 700	5:51	Z
ID: 700	6:17	Z
ID: 700	6:43	Z
ID: 700	7:09	Z
ID: 700	7:35	Z
ID: 700	8:01	Z
ID: 700	8:27	Z
ID: 700	8:53	Z
ID: 700	9:19	Z
ID: 695	9:45	Z
ID: 375	10:04	Z
ID: 375	10:52	Z

View Details of selected row...
Make new Query

Highlight a row using the mouse button so that 2 of the 3 fields turn blue, to see more details of the train, click the **View Details of selected row...** button. A separate screen will then appear giving the full journey you will need to take. Click the **Save as webpage** button on this screen to save this information. Enter the file name in the pop-up box to complete the save.

Station Manager mode

When you select the station manager tab, you will be prompted to insert a tab this is provided on a separate piece of documentation that came with the software. When this is entered correctly, you should see the following screen:

The screenshot shows the 'Station Manager mode' tab selected. At the top, there are three tabs: 'Passenger Queries', 'Station Manager mode', and 'Network Operator mode'. Below the tabs, the text 'Please choose a station to view more details:' is displayed. A dropdown menu shows 'BAIR' with a downward arrow. Below the dropdown is a button labeled 'Get Details'.

Select the station you wish to view from the pull-down menu, and press the **Get Details** button. A new window will appear with the details of the trains approaching the station that day:

The screenshot shows the 'Station Manager mode' tab selected. The dropdown menu now shows 'UNI'. Below the dropdown is a button labeled 'Get Details'. Below this button is a table with the following data:

9:00	ID: 1		a
15:00	ID: 1		a
7:00	ID: 2		b
9:00	ID: 2		b
11:00	ID: 2		b
13:00	ID: 2		b
15:00	ID: 2		b
17:00	ID: 2		b
19:00	ID: 2		b
21:00	ID: 2		b

Below the table, the text 'Highlight a train and click 'View Details' to see details of the journey' is displayed. Below this text are two buttons: 'View Details' and 'View Station plan for today'.

You can select a train to view its full journey, in a similar fashion to that of the passenger view. Or you can click the **View Station plan for today** button to get a printable version of the itinerary for the day (html format).

TROUBLESHOOTING

If you have any problems, e-mail sats@event-horizon.kicks-ass.net