

## CRIS Introduces RailRadar to Track Trains in India

Centre for Railway Information Systems (CRIS) showcased RailRadar that was launched to provide a location of a train on map and visualizes the running-train network, live. RailRadar has been conjointly developed by CRIS and RailYatri team. RailRadar is already live and can be accessed at <http://railradar.trainenquiry.com/>

“With the launch of RailRadar, we are offering information in an entirely new way about train movement, which is perhaps the first for any major railway system in the world,” said Sunil Bajpai, General Manager, CRIS.

“Over the last decade, train network and traffic in India have grown tremendously. We are also very sure that this trend will continue over the next few decades. As railway travelers too, today we also want to know more – beyond just ‘an’ ETA of ‘a’ train at ‘a’ station. As the volume and complexity of information increases – we believe that new methods of information dissemination (associated with Trains and its running information) will be required sooner than later. RailYatri.in’s RailRadar is one such attempt on that line. We believe that value of information/directions can greatly be enhanced when presented graphically rather than just plain text,” he added.

RailRadar has built in functionality with a user friendly interface. The interactive map zooms in and zooms out to get station / train detail. Users can search for a particular station / train to get specific details of trains around the station or running status of a train, location, its route and stoppages. RailRadar gives an overview on train on time and delay status. In case of a mishap/unplanned activity, RailRadar would be able to provide users with an overview of situation and train status across the country.

At present, RailRadar is configured to update/refresh itself every 5 mins. While the updates of the individual trains may vary based on the area where it is currently running. In any scenario, the location and status of the trains displayed on RailRadar will always be 5 or more minutes delayed.

The information and intelligence behind RailRadar is extracted and harnessed from volumes of data from the official Indian Railway’s train running information data.

**How to use:** Log on to <http://railradar.trainenquiry.com/>

### **Overview of RailRadar**

- The top bar indicates the active trains on the map and an overall on time and delayed status of trains running.
- All the trains marked blue indicate on time running status, all trains in red mean delayed running status.
- Zoom into an area to get a clear view of the trains running within the region
- Click on a train/ station to find out more details of a train

### **Status enquiry:**

- On the sidebar search for the train of interest
- Click on the train for its status, stoppages and route map

### **Short distance unplanned travel**

- Use the '+' key to zoom into a station of interest
- Click on the station and find red lines connecting to trains that would cross the station within hours
- Click on a train to find its route

Tweet and Facebook from the map if you find it interesting!

### **About NTES**

Although Indian Railways is known for its punctuality in train running, at times for reasons beyond the control of Indian railways trains get delayed, are rescheduled from their starting station, cancelled or diverted to another route resulting in change in the actual Arrival/Departure time from its scheduled time. To save the inconvenience caused to Rail users due to these changes in train running, National Train Enquiry System (NTES) provides information to public about expected Arrival/Departure of train at each stopping station, train schedule information, information about cancelled trains, diverted trains, and platform berthing information.

The main goal and objective behind NTES system to provide timely and reliable information to general public through user friendly interfaces and PAN India accessibility has been achieved to a large extent and now the information is conveniently and reliably available to public all over the country through various delivery channels i.e. through web browsing, through mobile phone or landline (voice and SMS) and also in person at all IR stations. NTES has won National Award for e-Governance 2010-2011 for Innovative use of ICT by PSUs for customer's benefit and

“National Train Enquiry System (NTES)” was adjudged as a Finalist in the Computerworld Honors Program instituted by the Computerworld Information Technology Awards Foundation, USA.

### **About Railyatri.in**

A product start-up - Stelling Tech's primary focus is on building Mobility Solutions which harnesses real-time contextual information to help fill in the information gaps for the travelers when they use popular modes of transportation like Air, Railways, and Road.

Stelling Tech's first offering - RailYatri.in - provides an information concierge like services to the Indian Railway passengers and their family or contacts interested in getting personalized

real time updates on their journey using modes of communication like Internet, Email, Text Messages, Voice, etc. This has been developed in collaboration with Indian Railways.

PDF created by Sid from <http://blogote.com>