RAILTRACKER+ ®

TOP FEATURE
Trains, terminal operations and cargo tracking system. Improved customer service

RAILTRACKER+® (RT2) is RT+ is a railway information system providing railway operators with reliable, useful and immediate data on trains, terminal and cargo operations. This enables transport operators to improve day to day management and decision making. As a result, RT+ facilitates trade by reducing non-physical barriers and by increasing the actual carrying capacity of a transport corridor and by improving its operational efficiency. Collected data is used for proactive operations management (e.g. empty wagon distribution). RT+ also produces regular statistics and performance indicators, which, at the operator's level, enable management to detect and remedy deficiencies and, at national and sub-regional levels, and provide data for macro-economic planning.

Real case analysis over 6 years of RT+ implementation on a medium-size African railway reported significant reduction of average wagon turnaround time (18 to 13 days), average wagon detention time in terminals (8 to 4 days), average dwell time of foreign wagons (28 to 12 days), average daily interchange balance (203 to 108), as well as an increase of the average locomotive utilization (280 to 380 km/day) and average wagon utilization (73 to 120 km/day).

Main Features

RT+ ® is composed of various modules :

- Advance train planning and monitoring of train movements
- Tracking of terminal operations (yard shunting, movements to/from customer sidings, to/from workshops/depots, etc.)
- Tracking of consignments notes, consignments items, containers and any other specific identified items
- Monitoring of the technical status of rolling stock
- Operations reporting tool

Technical Specifications

RT+® main components:

- An SQL database holding rollingstock master files, consignment notes (waybills), train journeys, records of all operational events on above elements, and links between them and historical data.
- Web-based data entry facilities with relevant quality control
- Web-based query facilities
- Real-time input/output interfaces for exchanging data with other systems such as ATRAC, Train Control Systems (TCS), etc.
- Reporting tools for producing management (mainly exception) reports and performance indicators

FUTURE RESOURCES SA
THE ROAD TO INNOVATION

RAILTRACKER+® was designed and is produced by FUTURE RESOURCES sa, a Belgian company developing innovative and cost effective solutions for small to medium size railways. For further information, please contact B. Defalque at bdefalque@futureresources.eu , www.futureresources.eu