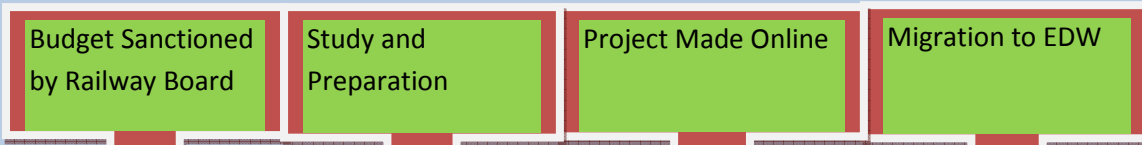


PRS Data Warehouse

PRS Data Warehouse is centrally hosted Data Warehouse providing the Decision Support System to Passenger Reservation System.



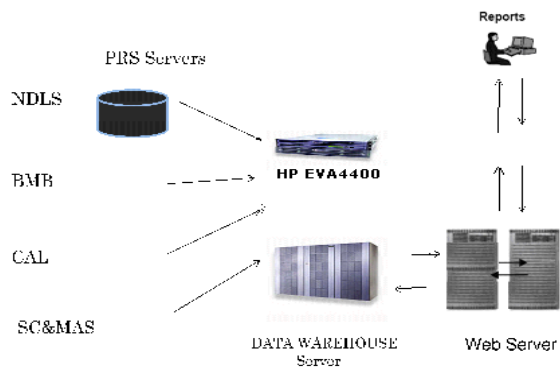
Time line

2002-03	2003-2004	1st April 2004	2013
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Assistance: Estimated to be expedited

S. No.	What?	Since	Value (Rs. In Lakhs)	Pending With
1.	Maintenance of Centralised Data Warehouse	2004		
2.	Upgradation of Centralised Data Warehouse and capacity enhancement	2012		

ARCHITECTURE OF PRS-DW



- **Front end:** Intel Xeon server windows 2003 with active server page ver. 3.0 with HTML
- **Back end:**
 - A. Sybase IQ (Ver. 15.4.0)
 - B. Backend Server: HP UX ITANIUM RX8640(OS ver. HP-UXi 11.31)
- Extraction done through in-house routines in C and FORTRON. Transformation and loading is being done in-house build UNIX scripts and SYBASE IQ procedure.

Benefits of PRS-DW for Indian Railways

- Optimisation of Railway Revenues by trend analysis.
- Reply of Parliament Questions.
- Furnishing information for RTI Queries and Court Cases.
- Information for analysis by Vigilance and Audit.
- Fraud Detection.
- Impact Analysis of newly launched PRS policies, concessions
- Through analysis of Quota Utilization and Re-Distribution.
- Occupancy and Earnings reports help in identifying less popular trains/route.
- Identification of popular sectors for attachment of coaches /planning of special trains.
- ISL to ISL traffic analysis identifying underutilized portions of the journey etc.

1. First Data Warehouse Project of Indian Railway.
2. Hosted at dw.indianrail.gov.in for the secured access to Indian Railways' Managers.