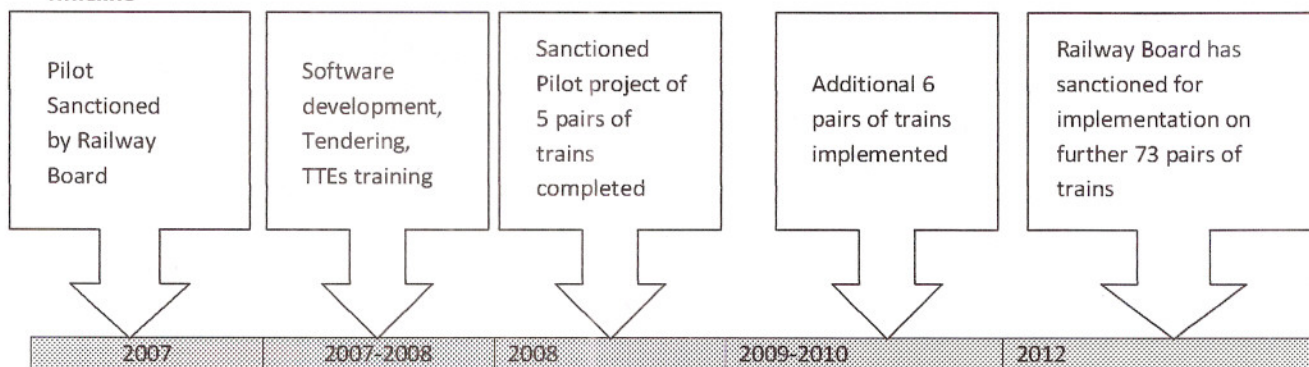


Hand Held Terminal project for TTEs

Trains 12029 & 12030 NDLS-ASR SWARNA SHATABDI, 12031 & 12032 NDLS-ASR SHATABDI, 12015 & 12016 AJMER SHATABDI, 12017 & 12018 DEHRADUN SHATABDI made live in February –March 2008.	Trains 12009 & 12010 BCT-ADI SHATABDI, 12951 & 12952 BCT-NDLS MUMBAI RAJDHANI, 12953 & 12954 BCT-NZM AUG KRANTI RAJDHANI EXP made live in July –November 2008.	Trains 12957 & 12958 ADI NDLS SWARNA RAJDHANI , 12917 & 12918 ADI-NZM GUJARAT SAMPARK KRANTI , 19109 & 19110 VALSAD – ADI GUJARAT QUEEN made live in November-December 2009. 12425 & 12426 NDLS-JAT JAMMU RAJDHANI made live in April 2010.
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Timeline



Assistance- Estimate to be Sanctioned :-

S.No.	What	Since	Value (Rs. In lakh)	Pending with
1	Sanction Revised Detailed Estimate Pilot Project HHT.	2009	311.91	Railway Board
2	Sanction of maintenance charges of HHT.	Upto 31.03.2010 for 2010 -11 For 2011 - 12	202.26 143.12 142.91	Railway Board

HHT is for the benefit of Indian Railways		Benefits
Expenditure on Staff per Year (Rs. In lakh)	Asset Value (Rs. In lakh)	<ul style="list-style-type: none"> Greater transparency in the allocation of the berths System Accountal of all EFTs by TTEs on train. Automatic generation of Food and Occupancy charts for TTEs in device and also for Station Staff. Automatic updation of NT berths in Coaching refund, enabling quicker refunds to the passengers.
95.17	HW = 56.61	
	+SW = 88.80 <u>Total = 145.41</u>	

Technical details

- Developed in Java using IBM Lotus Expeditor, IBM Lotus Mobile Connect, DB2 and IBM Directory server.
- The servers are of DELL make and runs Red Hat Linux as Operating System.
- The GPRS connectivity is through BSNL.
- The HHTs are of Motorola MC70 and Intermec CN3 make running Windows Mobile.
- Integrates with Coaching Refunds, PRS and PRS website.