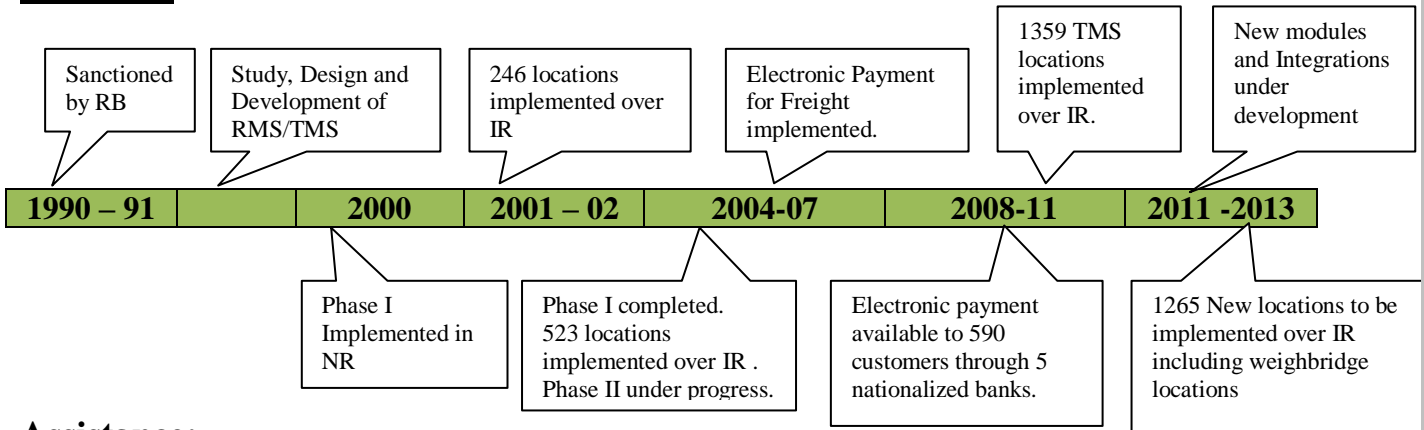


FREIGHT OPERATIONS INFORMATION SYSTEM

2013	Service tax on freight, Hub & Spoke Traffic for Container implemented. E-Payment service extended through 2 Private Banks.	Integration with CMS and CLAIMS achieved. EDI with CTO designed, EDI with State Govt. / Central Govt Organisation under development.
2012	633 customers using Electronic payment facility through 5 nationalized banks.	More than 70% of total IR Freight collected through Electronic Payment facility. Daily collection of more than ₹ 170 Cr. through E-Payment.
2011	Consignment Track and Trace made available to all freight customers through SMS Alert, SMS Enquiry , IR Portal and FOIS Website	Automated Rake Allotment and Allocation provided for Iron Ore in Khurda and Chakradharpur divisions of IR.
2010	FOIS Launches its own website	Integration with COA application for automated update of train running information from CAO to FOIS.

Timeline:



Assistance:

S. N	What?	Since	Value (In Cr)	Pending With
1	Revenue Estimate for 2012-13	2012	22.29	NR / Rly Board

Benefits and reach of FOIS:

- ❖ E-Payment facility provided to 655 customers through 5 nationalized banks and 2 private banks.
- ❖ Daily collection of more than 205 Cr (more than 74% of total freight) in IR through E-Payment from average 2000 Railway Receipts.
- ❖ Monitoring and management of more than 10,000 locomotives and 2,50,000+ wagons.
- ❖ Monitoring of more than 3,500 freight trains on daily basis.
- ❖ Approx 5000 customized reports generated on daily basis for Railway Management.
- ❖ Consignment track and trace through SMS, IR Portal and FOIS Website available.
- ❖ Customized access and reports generated for Freight customers.

Technology:

- 3-tier central architecture using cutting edge technology, HP Servers in HA mode ,EVA4K , 8K storage boxes , HP-UX , RHEL , JAVA , Oracle RDBMS at DB layer and Tuxedo and Weblogic as middleware.
- State of the art EAI technologies like TIBCO business works and SOA over http for application integrations