

Advantage India - an enabling framework for growth

For developing global advantage, Indian Steel Industry has identified several key issues. Of these, 'infrastructure' and 'environment' have been identified as important long term growth enablers.

ITW - building internal logistics capabilities

ITW has been partnering the world's best metal companies for nearly 100 years. Going beyond just products and services, ITW takes a holistic view of the industry's competitive needs, delivering ideas and solutions that have earned recognition from many of the world's best companies.

Leveraging the understanding of finishing processes, ITW has been looking for ways to contribute to metals industry's business end to end. Reduction of total cost of operations (TCO) is the expanded focus.



The focus is on internal logistics process efficiencies - to reduce cost/tonne by unraveling the hidden costs in logistics operations and implementing best practices with continuous process improvements. Project appraisals will quantify the impacts of improved throughput/productivity, supply chain visibility and commercial security features, truck/rail turnarounds and reduced transaction costs. The offering extends to post implementation operations also.

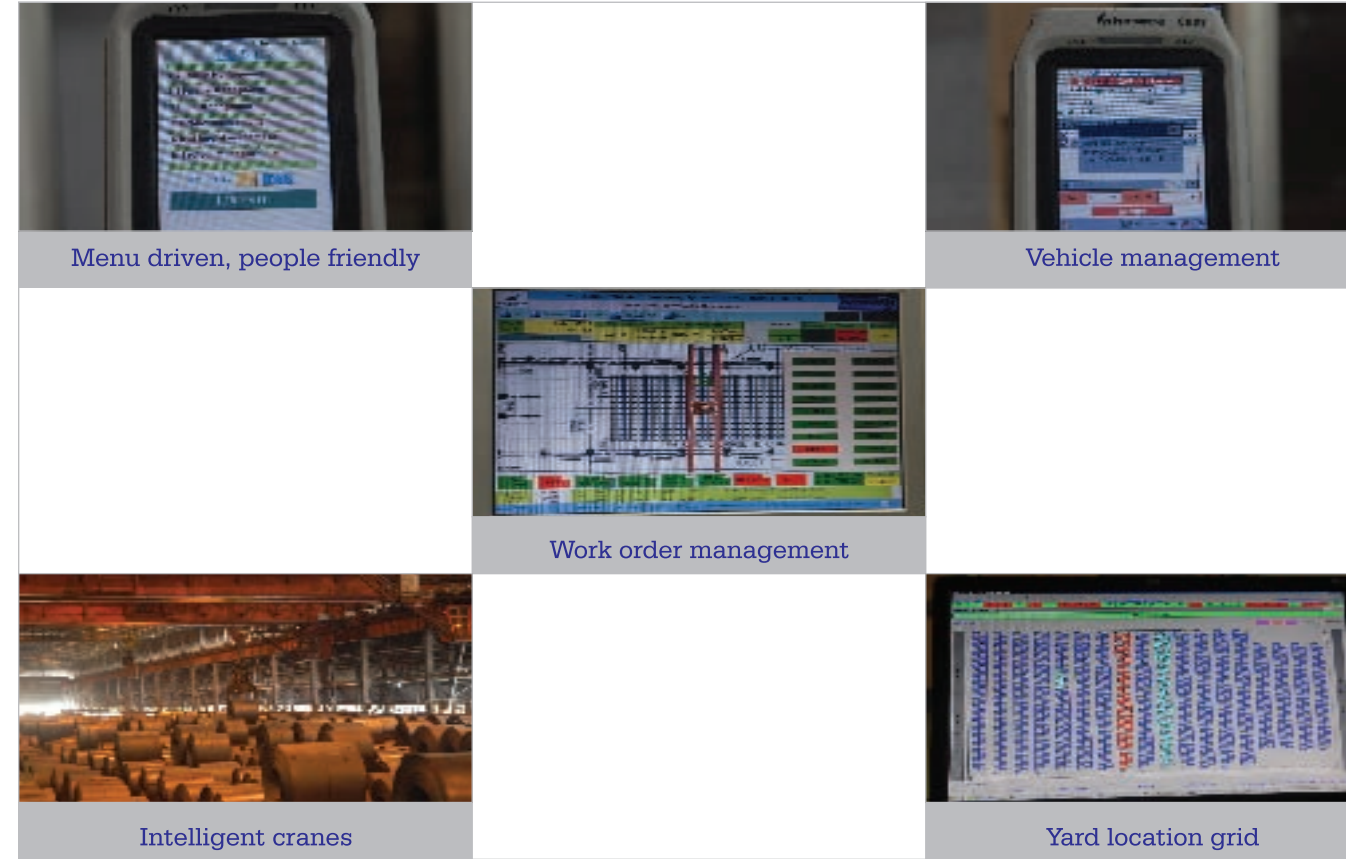
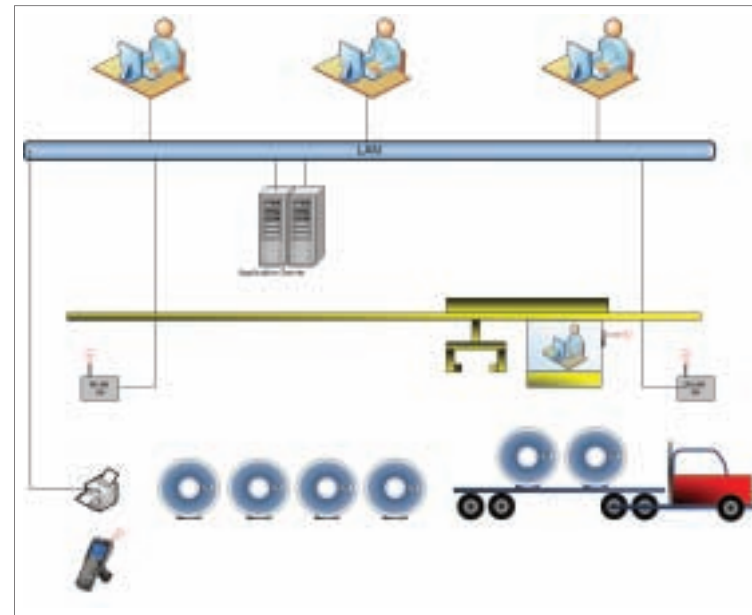
To provide these services, ITW has established relationship for marketing, implementation and operational services with global technology partners.



Integrated tracking and logistics management system - ITLMS

ITLMS is a client-server based system primarily developed for managing the slab, coil, long yards of any metal industry. It is designed for tracking the movement of metal products through the value chain through real-time material tracking, regulation and reporting.

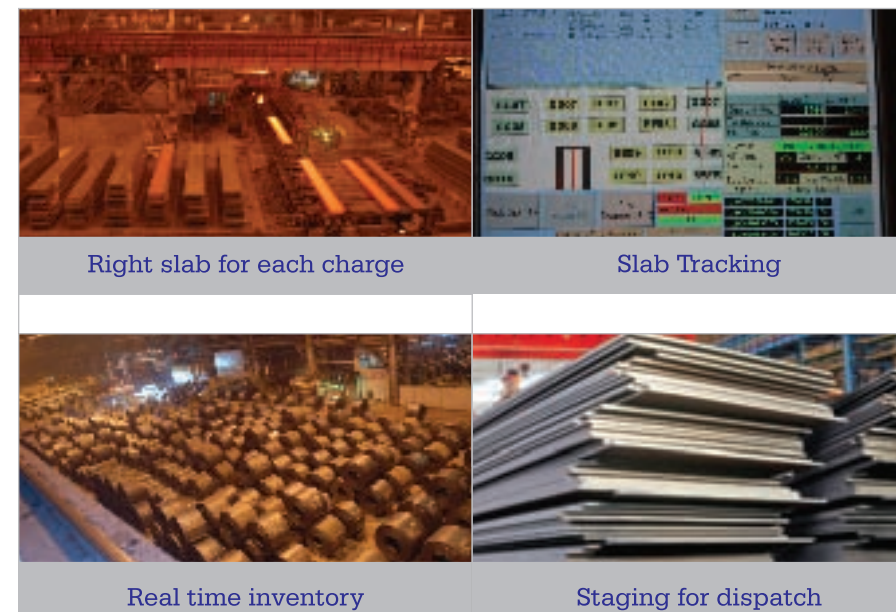
ITLMS' scope includes inward yard management, scheduling and tracking inventory through various processes, yard location/space management, dispatch planning including load building and material staging and logistics terminal management.



The complete system is part of a supply chain process that plans and controls the efficient flow and storage of finished or semi-finished products and has a broad positive impact on the inventory balance and material transport with better customer delivery compliance.

This is just not a software package but encompasses all control functions related to crane, transfer cars, coil conveyors essentially required for material tracking functions. The main elements of ITLMS are Crane automation, Server, RF Network, Hand held terminal.

Slab Yard LMS



Advantages

- "System driven" separation of charging activity from unloading activity
- Real time availability of slab information
- Improved yield of plates; right slab for each plate
- Heat wise charging - reducing plate sampling for quality assurance and clearance
- Increased crane availability for slab mutation
- WIP visibility
- Congestion free truck movement

Coil Yard LMS



Coil Yard LMS in CRMs involves more complex optimizations, where material is exchanged across multiple process lines - sometimes as many as twelve. The LMS handles material flow across the process lines depending upon the size of the materials, product mix requirements, etc.

Advantages

- Minimum coil handling from HR stock-in to CR dispatch
- Real time display of coil inventory throughout CRM
- Online stock reconciliation
- Just-in-time(JIT) coil supply and evacuation from process lines
- Optimized crane utilization
- Real time order progress reporting
- Zero mix-up at coil dispatch
- Reduction in transport turn-around time
- Increased safety through finger trip controls