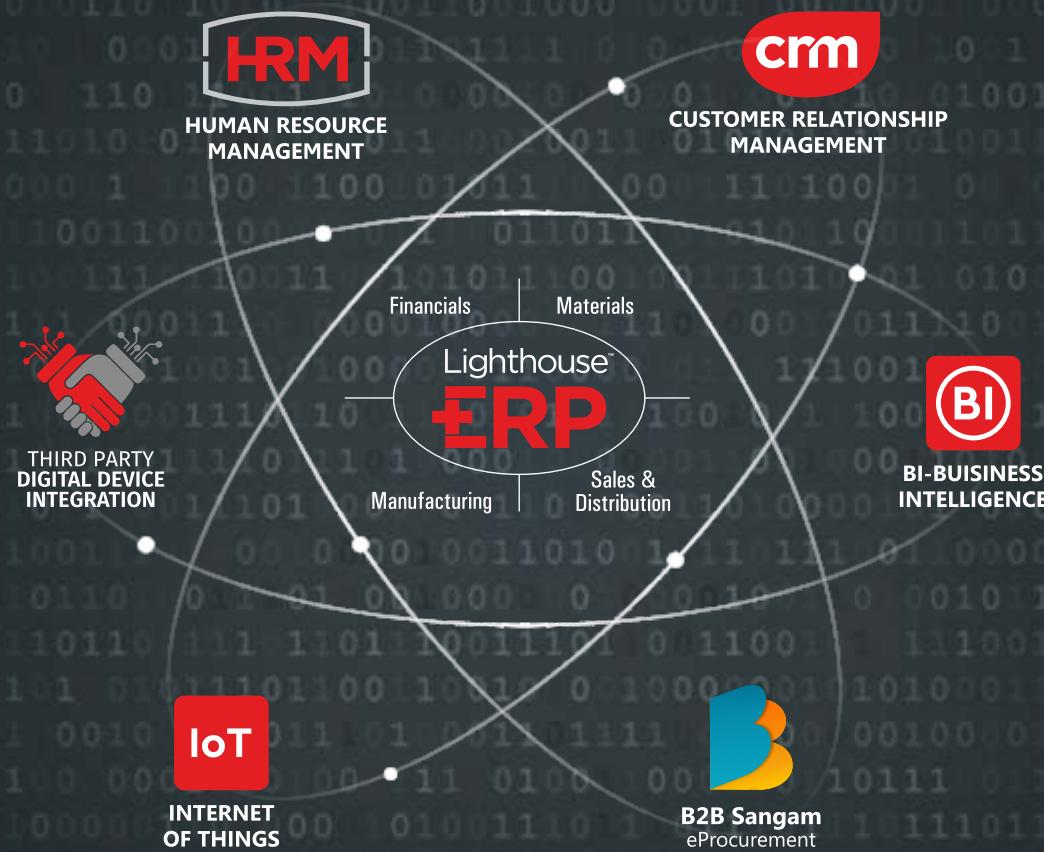


When all the parts work together
as an integrated system



The result is SYNERGY :
The whole is greater than the sum of its parts



SINCE 1987

Lighthouse
Info Systems Pvt. Ltd.

Whatever Be Your Business,
Making **I T** Work is Ours.



RAKESH KHATOR
Managing Director & Founder

A Mech. Engineer from IIT Delhi and an MBA from IIM Ahmedabad with ten years of service in L&T, NTPC and steel domain -Rakesh Khator started the IT unit in 1987 with a vision to develop a holistic, easy to use business software based on advanced IT technology. He continues to lead and mentor the organisation – from the modest beginning to the present size



SHASHANK MAHE SHWARI
Jt Managing Director & CTO

Shashank joined the Lighthouse team in 2001 at a young age of twenty. Over the years. He is the chief architect of the ERP solution since its inception and is now focused on other upcoming technology offerings and future trends. Shashank has developed unmatched skill in business domain knowledge of diverse industries , implementation & delivery, and managing large human resources...



DHRUV KHATOR
Director

An Industrial Engineer & MBA from Univ. of Houston, Dhruv joined Lighthouse in 2011. Having gained global exposure at Cap Gemini and US based engg. companies , Dhruv brings the best management practice of the West which can be used in Indian eco-system. He is leading the marketing strategy and business development in domestic and international markets.

AN ONGOING JOURNEY OF 30+ YEARS

	1987	2001	2011	2019
Milestone	Foxpro based Super Acc. Business software	Beginning of Oracle based Lighthouse ERP	Global best practices Lighthouse ERP V15 on high end technology stack	CRM, Mobile Apps, BI Tools, B2B ePortal and IOT integrations with ERP
Customer Base	Beginning	700+ Super Accountant Clients	100+ ERP Clients	300+ ERP Clients
Team Size	4	30+	100+	200+
Solutions	1	1	4	8
No. of Process Covered in ERP	–	12	65	187
Infrastructure Owned by us	300 sq. ft.	900 sq. ft.	30,000 sq. ft.	30,000 sq. ft. & 60,000+ sq. ft.
Geo Growth	Nagpur	Central India	PAN India	12 countries



IT Park, Nagpur

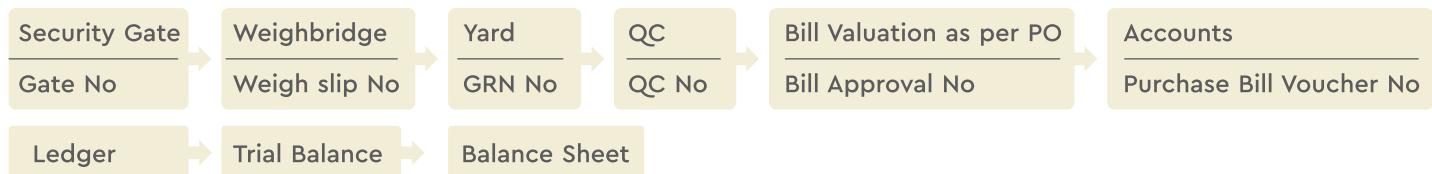


Mihan SEZ, Nagpur (under construction)

Lighthouse™ ERP

Key Features:

- Capturing Incremental data in Real time at it's origin



Our advance Oracle technology platform enables us to achieve this in a robust way

Benefits:

- Drill down from highest to lowest level (as many as 15 levels)
- Pending Exceptions : Pending Indent, Pending PO, Pending Inspection, Pending Accounts Approval, Pending Payment, etc.
- Assuring Data Quality through validations and security through authorisations
- Incorporating controls such as credit limits, dispatch not exceeding order qty
- Real time MIS, alerts, workflow enables data driven decisions
- Improving Productivity and Reduction in Process Cost and its cycle time
- Digitizing every aspect of the organization with Add-on modules, Apps, Third party devices & software
- Achieving best management practices

WHY LIGHTHOUSE ERP

Technology Stack	
Industry Specific Solution	Lighthouse ERP has separate software objects (particularly for Raw Material , Production and Planning, QC, Sales & Marketing modules) for different type of Industry verticals and sub verticals.
High Degree of Configuration & Customization	Within the Industry specific solution, we have vast no of configurable parameters to map large no of scenarios and process variants. We constantly add features and fields to incorporate further new ideas permissible within our framework. We are in a position to further customise as we are the original authors of our ERP.
Scalability: ERP Grows as Organization Grows	Maps organization structure of a large business group comprising of large no. of legal entities, each entity having no. of locations/divisions , and each division having no. of plants. <ul style="list-style-type: none">• Seamlessly accommodates Backend and Forward integration.• Powerful Add-on modules & Lighthouse Products can be added anytime in future with seamless integration on real time with core ERP. Both Core ERP and Add on modules derive power from each other.
Mature Implementation Cycle	We give priority to crucial business processes instead of easy to implement modules. We are extremely familiar with Indian eco-system and intricacies of Accounts & taxation. We use several templates for Master Data for quick and quality roll out. We have several scripts to upload and validate opening balances and opening line items from old software. We extensively use tools like Any Desk, Video Conf. during implementation & post Go Live, reducing TCO.
Personalized Customer Support	We have a dedicated Customer support cell of large manning. to give immediate support . Any support issue is logged in our customer support portal with a token no. We assign a single point of contact for every client.

A team effort of 30+ years have made our own management processes resilient and mature



The Add-On Products seamlessly integrated with the Core ERP enhancing the power of both.



LIGHTHOUSE ERP is a comprehensive business solution that harnesses the power of RDBMS and front end tech platforms to integrate all the departments working and make IT pervasive. We customize solutions for our clients' unique business needs. We are developer as well as system integrator, thus able to map best management practices minutely.

Batch Manufacturing	Process Manufacturing	Discrete Manufacturing
Exim & Domestic Trading	EPC – Project Management	Logistics Management



Implemented in 200+ diverse industries, sizes, countries with vast configuration capabilities.

Core HR & Payroll	Employee Self Service (ESS)	Recruitment Management
Time Office Management	Performance Management	Training Management



CUSTOMER RELATIONSHIP MANAGEMENT

Acts as a catalyst for bringing effectiveness in marketing function and increases the productivity of sales & marketing personnel.

Web Portal for Sales Staff	Tour Plan & Tour Activity	Feedback & Complaint
Portal for Primary Sales	Sales Contract & Order	Target & Schemes
Portal for Secondary Sales	Branding & Marketing	Competitor Management



Mobile App

Integrated with Core ERP gives immense power to be informed of key MIS and to give approvals while on the move.

ERP Transaction Approval	Production Shop Floor App	Project Mgmt:Site Reporting
Key MIS Reports on Mobile	Task Management	Warehousing & Bar coding



A comprehensive web procurement solution for procuring material and services, selling bye product. Real time integration with Lighthouse ERP makes web procurement a seamless process of MM module.

eProcurement Solution	Reverse Auction	Commodity Pricing
Freight Order Management	Forward Auction	Buyer/Seller Portals



Synergy of seamless integration of various software products from one single source.



BI Tools collect and process large data from heterogeneous sources and create insightful reports & dashboards.

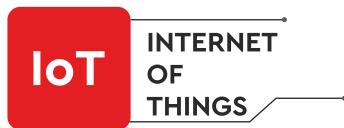
Strategic Dashboards : Top-line organizational KPIs Strategic goals, such as achieving KPI targets.

Analytical Dashboards : Trends or deeper insights Analytical goals, such as visibility into key process.

Operational Dashboards : Data awareness and time sensitive data Employee awareness and tracking against goals

BENEFITS:

- Exceptions & Trends : Track progress and maintain KPI's benchmarks
- Actionable warnings : Make better decisions with outcome analysis
- Co-relation features : Spot changing scenarios and adapt the view
- Enhance as you go : Maintain a clear picture of impact and returns



The Internet of things IoT is the extension of Internet connectivity into physical devices. Embedded with electronics, Internet connectivity, these devices communicate and interact with others over the Internet, and they can be remotely monitored and controlled. The data so collected can interface with ERP processes in real time.



We use all our accumulated experience in designing large database application to custom develop software solution for product conceived and marketed by others.

The portal serves more than 35,000 branches of Public sector banks like SBI, PNB, PSB, IoB, Indian Bank, Andhra Bank & more for filing TDS statutory returns in timely, centralized and 100% error free manner. It has brought hundreds of crores in savings by avoiding late filing fees, Interest and Penalties



- For RTGS Bank payments
- For Exchange Rate extraction
- For Live Commodity pricing



ERP PROJECT IMPLEMENTATION:

- Consulting and Identifying manual processes in business work flows
- Detailed system design process in AS-IS Study & TO-BE Blueprint
- Automating the Business Processes through ERP Processes.

IT SYSTEM AUDIT:

- Outline Infra Setup, System Usage Policies, Specify Access Controls.
- Migration of full education Oracle Application from Developer 6i to Developer 12c
- Providing selective Lighthouse modules in SAP working which will download data in Lighthouse from SAP and upload Lighthouse data in SAP
- Migration from Tier I (SAP/Oracle EBS) ERP to other ERPs



All components and links in IT infrastructure from one single source delivers an optimized, robust and fine tuned holistic IT system.

HARDWARE & NETWORKING

- Enterprise Server & Storage solutions
- Database & Applications Server
- Networking Solutions
- Security solutions

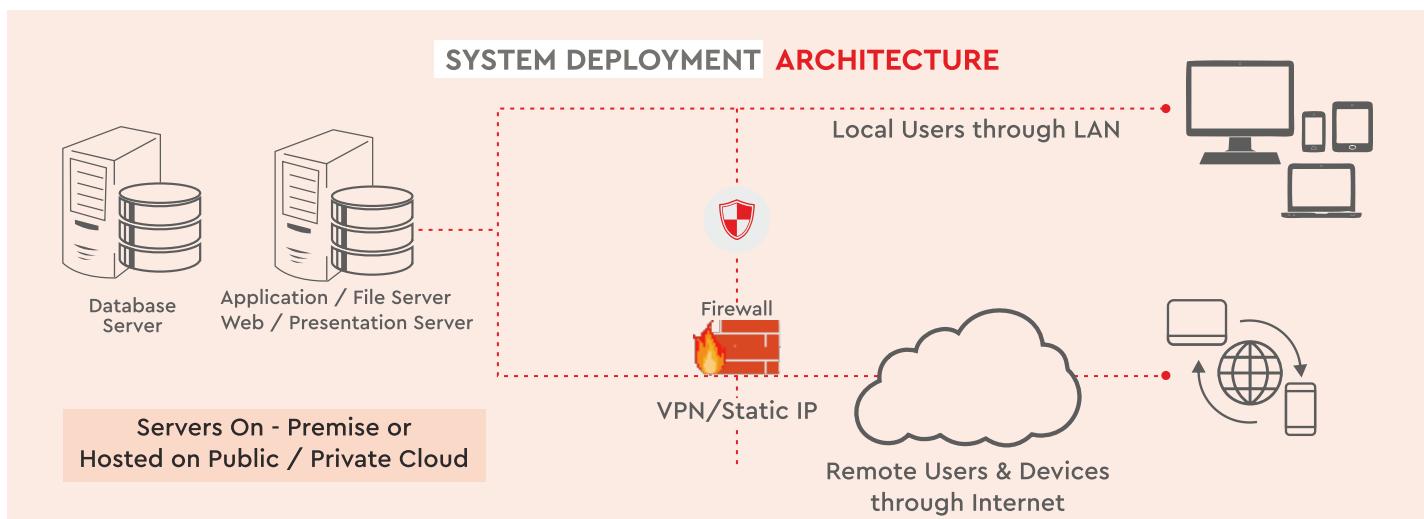
SYSTEM SOFTWARE LICENSES & INSTALLATION

- Oracle & SQL Database Licenses
- Application Softwares
- Operating System Softwares
- Remote Connectivity Softwares



ERP IMPLEMENTATION METHODOLOGY

Requirement Mapping (SRS) & CRP I	System Setup & Configuration & CRP II	Training & Pilot Run	Go-Live	Post Go-Live Support
<ul style="list-style-type: none"> Infrastructure Readiness Project Team Finalization Study of Business Processes Master Data Preparation Draft Installation ERP Configuration Conference Room Pilot I To Be – Gap Analysis 	<ul style="list-style-type: none"> New Development & Customization ERP Configuration Conference Room Pilot II Fine Tuning Closing of Open Issues 	<ul style="list-style-type: none"> User Training & Testing Dry Run & Hand Holding Fine Tuning Cutover Plan & Go-Live Preparation Finalization of Reporting 	<ul style="list-style-type: none"> Conversion of Live Data Go-Live Data Entry in ERP Monitor live data environment 	<ul style="list-style-type: none"> Resolution of User's process queries Technical Modification/ Changes Statutory Changes Global Updates & New Features



LIGHTHOUSE ERP INDUSTRY VERTICALS

STEEL DOMAIN

Mining	Pelletization	Coal Washery	Sponge Iron	Rolling Mill	Alloy Steel
Stainless Steel	Ferro Alloys	Blast Furnace	Power Plant	Pipes	Wire & Wire Rod

POWER TRANSMISSION & DISTRIBUTION

TLT – Tower Mfg	Telecom Tower	Railway Structures	High Mast Poles	Line Hardware Mfg	Transformers
Cables & Conductor	Insulators	EPC – Power Distribution	EPC – Civil Infrastructure		

DISCRETE MANUFACTURING

Auto Ancillary	Tools & Taps	Project Fabrication	LPG Cylinder	Bolts & Nuts	Alum. Ingot & Extrusions
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PROCESS & BATCH MANUFACTURING

FMCG	Dairy	Chemicals	LPG & ALDS	Paper	Edible Oil
Pesticides	Cement	Plastic/Woven Sacks	Coal Washery	Ginning & Spinning	Textile Mfg

INTERNATIONAL & DOMESTIC TRADE

Coal	Paper	Iron Ore	Steel	Ferro Alloys	Ferro Scrap
Manganese Ore		Mill Machinery	Rice & Agro Products		Heavy Equipment Dealers

SERVICES

Logistics & Transportation	Vehicle Finance	Education
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LIGHTHOUSE SIGNATURE REPORTING OPTIONS

Power of Lighthouse ERP reporting options :

All reports are real time to drill down to the last level extract into Excel, several filter conditions can be applied, cover each and every transaction and process of ERP. Total no. of report engines, parameterized queries, dashboards shall exceed 200.

Standard & Customized Fixed Format Report

- Industry standard and specific operations, financial and revenue performance reports.
- Reports which are periodically required in pre-defined format for Statutory & MIS purpose.
- Regular reports being used day to day at departmental levels such as Daybook, Stock / Account Ledger, Registers and so on.

Parameterized Queries

- All the fields in the given context are listed in homogenous groups user selects choice of operator <, <=, >, >=, =, LIKE and a value on which query is to be applied. Any no. of fields can be selected for extract a long query.
- Further drill down is available to the transaction level, it is literally finding the needle in the hay stake.



A screenshot of a software interface for creating parameterized queries. It shows a large grid of fields with various operators (like, less than, greater than) and values. There are also dropdown menus for selecting specific items like 'Voucher Type' or 'Period'. The interface is designed for users to build complex search logic across multiple fields.

Report Engines

- Most powerful and flexible to customizing reports on multiple parameters and groups by selecting columns, sorting order, filter conditions.
- User specific conditional reporting or generate exception report.
- Thousands of combinations are possible using one single user interface.
- The specific can be saved for future recall.
- The report extract can be taken into Excel, HTML, PDF, CSV, etc.



A screenshot of a software interface for managing report engines. It displays a list of report definitions on the left, each with its name and some configuration details. On the right, there's a detailed view of a specific report definition, showing sections for 'Report Type', 'Report Name', 'Report Description', and 'Report Parameters'. The interface is designed for users to manage and edit multiple report definitions.

Dashboards

- Data is pulled from more than one context
- Very powerful filters enable real time summarized information on category and conditions.
- Drill down to details upto last level (voucher).
- Report can be extracted into Excel or laser printer.



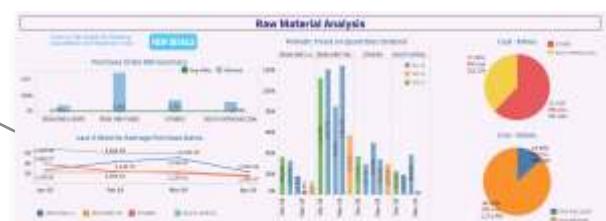
Executive MIS Report on Mobile

- Get real time update with Mobile based Executive MIS Reports.
- Fund Status, Debtors / Creditors Ageing, Order Status, Sales Analysis, Spend Analysis, Production, Inventory etc.



Business Intelligence (BI) Tools Dashboards

BI Tools collect and process large data from heterogeneous sources and create insightful reports & dashboards.



LIGHTHOUSE MODULES & PROCESSES

CORE PROCESSES:

Processes designed, to achieve organization's major functions / departments and Integrate them on one platform

ADVANCE PROCESSES:

Provide additional functionalities in specific area or for industry-specific features

FINANCE & TAXATION

- Accounts General - (Cash / Bank / Journal)
- Accounts Payable - (Purchase & Expense)
- Accounts Receivable - (Sales Accounting)
- Accounts Approval- (All FI Postings)
- Payment Bill Tracking - Allocations
- Bank Reconciliation
- Provisional Journal
- Ledgers / Trail Balance / Balance Sheet
- Div wise P&L-BS & Multi entity combined BS
- GST & Waybill Management
- TDS / TCS Management
- General Revenue Management
- Expense Detail Management
- Banking Management
- Payment Advise
- Ratio Analysis
- Div to Div Allocation Accounting

MATERIAL MANAGEMENT – A. Common Processes

- Purchase Contract / Order Management
- GRN, Rejection, and Purchase Return
- Purchase Debit / Credit Note
- Stock Movements & Stock Adjustment
- Stock Valuation (Store/RM/Trading)
- Purchase Indent
- Purchase Enquiry
- Purchase Quotation
- Vendor Grading
- Material Expense Management
- Physical Stock & Stock Diff Management
- Inward Freight Management

B. Addl Processes For Raw Material

- Purchase Broker Management
- Railway Rake Management
- Quality linked Purchase Bill Valuation
- C. Addl Processes for Capital, & Consumables Stores**
- Store Requisition, Issue & Plant Return
- Chargeable / Non Chargeable Issues
- Loan Received & Given Management
- Gate Pass Management
- Repair Management
- Scrap Management
- Tools & Tackles (Stores)

D. Security Gate & Weighbridge

- Security Gate Management
- Weighbridge Management

E. Services Procurement

- Work / Service Order
- SRN Service Bill Passing

PRODUCTION & PLANNING A. Common Processes

- Production BOM
- Production Order
- Production & Consumption Declaration
- Production Break-down
- Production Routing Godown
- Production Costing

B. Addl Processes for Discrete Mfg.

- Multi Level Bill of Material (BOM)
- Material Requirement Planning (MRP)
- Production Scheduling
- Production Order & Internal Order
- Process Routing
- Process Log Sheet
- Job Sheet / Work Order
- Process wise Production Entry

B. Addl Processes for Discrete Mfg.

- Production WIP Costing
- 3rd Party Inspection Management
- Plant Availability & Cycle Time
- Plant Loading & Plant Efficiency
- C. Addl. Processes Job Work Management**
- Production Job Work done by us
- Production Job Work outsourced

QUALITY CONTROL

- Inward Quality Inspection
- Inward Material Lab QC
- Multi-Level QC Analysis
- In-Process Lab QC
- Stock Lab QC
- Outward Material Lab QC
- Quality Claims & Settlement

SALES & DISTRIBUTION

- Sales Contract
- Sales Order / Delivery Order
- Proforma Invoice
- Sales Invoicing
- Commercial Invoice
- Sales Return
- Sales Debit / Credit Note
- Credit Limit Management
- Sales Enquiry / Tender Management
- Sales Quotation
- Delivery Instruction & Loading Advice
- Packing & Loading Slip
- Price List & Scheme Management
- Sales Expense Management
- Sales Broker Management
- Customer Complaint
- Outward Freight Management

LIGHTHOUSE MODULES & PROCESSES

ADD-ON MODULES (OPTIONAL)

Specially designed for customer special needs to extend IT in all their business functions. Enriches Core ERP. Priced additionally

EXTENDED ADD-ON MODULES

Additional Add-On Modules for wider & deeper automation.

HUMAN RESOURCE MANAGEMENT

- Payroll Management
- Leave, Loan and Arrears Management
- Employee History
- HR Statutory Reports
- Employee Self Service Portal (ESS)
- Recruitment Management
- Training Management
- Performance Management System

FINANCE MANAGEMENT

- Fixed Asset Management
- Letter of Credit for Purchase
- Letter of Credit for Sales
- Currency Hedging
- Forex Accounting
- Investment Management
- Bank Guarantee Management
- Bank Loan Management
- Insurance Management
- Accrual Accounting for Purchase
- IFRS Accounting Management
- COGS / PPV / Usage Variance Accounting
- Commodity Management
- Exchange Rate API Integration
- Bank Payment API Integration
- Budget Mgmt - GL/Dept/Cost Center
- Budget Mgmt for in-house projects

IMPORT MANAGEMENT

- EXIM License Utilization
- Import Shipment & Bill of Entry
- Container Tracking
- Plot Rent / Lay Can Management
- Import Expense Management

EXPORT MANAGEMENT

- EXIM License
- Container & Bill of Lading
- Custom & Commercial Invoice
- Export Documentation

SCENARIO BASED EMAIL & SMS ALERTS

B2B SANGAM

- eProcurement Portal
- B2B Freight Management
- Reverse Auction
- Forward Auction

LOGISTICS & FLEET MANAGEMENT

- Transport Quotation & Order
- Vehicle Booking (Self / 3rd Party)
- LR Billing & LR wise P&L
- Vehicle Tracking Integration
- Vehicle Maintenance
- Vehicle Trip/Fleet Management

OTHER ADD-ONS

- Rolls Management
- Warehouse Management
- Task Management
- Haulage Management
- Barcode in Production Process
- In-Process Weightment Integration
- Mobile App for Production Recording
- PLC / DCS / QC Lab Devices Integration



WHAT OUR CLIENTS SPEAK ABOUT US

Any Business in Life is successful when it gets repeat orders – Devdutt Pattanaik



Sudhir Goyal
Managing Director

12-Aug-2019

We implemented core modules of Lighthouse ERP in April 2017 in our steel plant... we have added large no of Add On modules like HRM, CRM, Mobile Apps. Lighthouse has nicely implemented Plant Maintenance module, a high priority for us. We have also extended Lighthouse ERP in our ERW Pipes plant in 2018, Lighthouse capability in customizing and simulating various scenarios is commendable. Their on line support is excellent and helps us achieve continuous improvements.



Ram Ojili
Managing Director

10-Aug-2019

Lighthouse ERP team consisted of competent and professional consultants, who fully understood our business requirements and the implicit needs of our users.

Most importantly, the ERP project in Mining domain was well managed and was completed within the committed time frame.

Sanjay Chaudhary
CFO

20-Aug-2019

Lighthouse has implemented Oracle based ERP in our three steel plants in 2009. Lighthouse upgraded to their enhanced version V15 and further customized as per our requirements. They have smoothly incorporated migration to GST in all modules successfully.

Their quality of services is excellent and we are being satisfied, recommend Lighthouse ERP for all the industries.



Prakash Chari
Director

9-Aug-2019

We have been using Lighthouse ERP since 2012 in our group of organizations engaged in manufacturing of Transmission Line Hardware items. Lighthouse provided customized solutions for several of our requirements which are typical of Power Transmission industry.

Subsequently, Lighthouse incorporated several add-on modules for our evolving requirements both in terms of enhancement of productivity and functional outreach.



Deepak Das
Group IT Head

16-Aug-2019

We were amongst the first five clients of Lighthouse ERP in 2006. Installed ERP in our group wide steel plants and corporate office having large users base.

An innovation : Lighthouse suggested to install a RFID tower on a hill to achieve clear line of sight.

In the intervening period, we implemented Oracle Apps in one of our group companies, however, being used to comprehensive coverage of our processes in previous solution, after couple of years we decided to revert to Lighthouse ERP.

Our Geographical Spread





Nageshwar Rao
Head IT & MIS

12-Aug-2019

Lighthouse implemented ERP in our Blast Furnace Plant in 2014. Several complex requirements/ scenarios were customized...

We again deployed ERP to our forward integration in EoF, LRF & VD, CCM and alloy steel rolling mill in 2016 with high level customization specific to alloy steel making and rolling.

Several innovative Add on solutions like third party device, Plant Maint., Prodn. Targets, Rolls Mgmt., Accrual Acct. were seamlessly integrated... We are happy with their day to day support by a dedicated team ...



*Not To Scale



Ajay Kanoria
Director

11-Aug-2019

Lighthouse team developed a tailor made production planning system for our Threading Tap Manufacturing unit, which we are successfully using since 2008.

There are 8 to 10 thousand varieties in production and it would not be possible to systematically manage the production without the ERP software. Lighthouse also created a proper coding system to manage our 15,000 finished goods combinations having more than 12 technical parameters ...



R. Ravishannkhar
Group Financial Advisor

19-Aug-2019

We have been using Lighthouse ERP for our Steel Rolling Mill, Epoxy Coating and Weld Mesh mfg plants since 2009. Under AMC,

ERP is well supported by Lighthouse team online, literally making it almost an instant service. Lighthouse as a professional backup team and we are very comfortable with them.

Anyone who may think of giving them a chance to be an ERP provider, Lighthouse would be an ideal partner. Our experience is that they are highly competitive and very reasonable in terms of cost.



Ramesh Agrawal
Director

10-Jul-2019

We implemented Lighthouse ERP in 2007 in our main group company. In Oct 2012 we upgraded the ERP to their much improved version V15. We also replaced SAP B1 in another group company and also deployed Lighthouse ERP at our two newly acquired steel plants. Lighthouse constantly helps to meet our growing needs, e.g. a bank payment API to manage our large no. of scheduled payment. We are happy with Lighthouse for their seamless integration of ERP to Group wide companies and it is running smoothly through out.



Shruti Sharma
Senior President

20-Aug-2019

Lighthouse, implemented ERP in 2005 in our 100+ years old organisation in two plants and many depots/branches.

We appreciate the special efforts taken to train our tradition bound human resource in adapting to ERP. They highly customised ERP solution for FMCG domain- particularly a very exhaustive sales promotion incentive scheme, which is very crucial in our line of business. This automated the production planning, dispatch and billing and reduced the efforts to a fraction of what it was taking previously...



PHOTO GALLERY



30+

Years of
Experience

300+

Successful
ERP Projects

200+

Highly Skilled IT
Professionals

1000+

Clients
Worldwide



Lighthouse
Info Systems Pvt. Ltd.
SINCE 1987

Enabling IT as a Strategic Resource

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Nagpur - 440022 (India)

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Nagpur - 441108 India

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