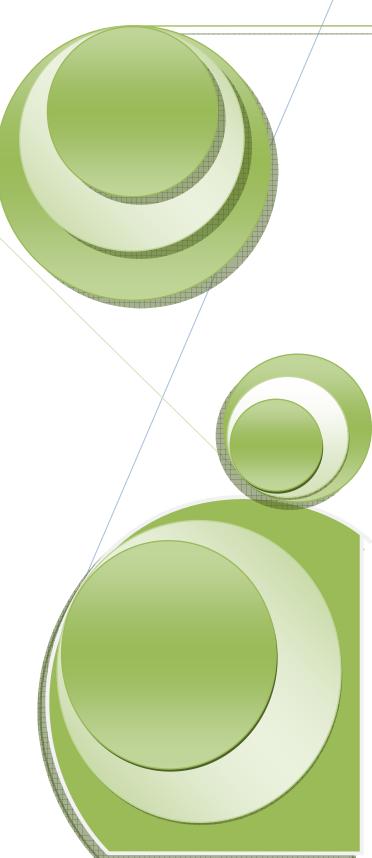MAKE IN INDIA

DNS ERP SOFTWARE SCOPE OF WORK for Manufacturing

Enterprise Resource Planning software is a fully integrated business management software, to link business processes automatically and give real time information to authorized user, to facilitate and accelerate the decision making process.

The following are some key **business processes** (or procedures) which can be managed using ERP software. In ERP parlance, they are referred as **ERP modules**. Some of these, or all of these, modules or procedures may be applicable in your organization, depending on the business requirements. MIS (Management Information System) reports are shown for each module. The DNS ERP user gets a set of pre-mapped best business practice solutions for their particular industry. We have successfully deployed the following modules and procedures at various organizations. This is a general list of major input and output.

DNS SILVER

1. Security module
2. Accounts module – General Ledger Accounts
3. GST Configuration
4. Inventory Management module
5. Purchase & Pre-purchase module
6. MRP - Material Requirement Planning module / Supply Chain Management (SCM)
7. Quality Check (QC) module
8. BOM – Bill of Materials module
9. Production module (Assembly Production and Process Production)
10. Pre-sales module
11. Order Fulfillment module – Sales Accounting - (Shipping)
12. Sub-contractor OUT module

1.	Security Module
1.1.	**Masters**
1.1.1.	User Manager
1.1.2.	User group master
1.2.	**Transactions**
1.2.1.	Company Details including GSTIN No.
1.2.2.	User ID Creation
1.2.3.	User Access Rights
1.2.4.	Back dated Entry Password
1.2.5.	Remote Access Restriction
1.3.	**DNS features**
1.3.1.	DNS is multi user, multi tasking ERP software. Multi-level security based on User Group and User Level
1.3.2.	Create Login id and password for each user
1.3.3.	Assign permissions. Map each user with menu / submenu
1.3.4.	Restricting user access with login and password
1.3.5.	Role based access & password
1.3.6.	Audit trail: DNS ensures accountability of users. Work done by individual

	users can be easily tracked because all transactions capture the User's name automatically
1.3.7.	Automatic Audit Trail helps top management to know who has updated Masters or Transaction and when
1.3.8.	It is easy to monitor who is accessing the system inside office premises. But it is very crucial to set Remote restrictions for every User so that they can access the system locally, but the moment they try to access from outside the company premises, it blocks them unless given special permission to do so.
1.3.9.	Each menu and submenu can be locked (allow / deny) including MIS (Management Information System) reports to individual user in a very user friendly screen with tree structure and check box facility.
1.3.10.	DNS System keeps logs of all the devices accessing locally and Remotely by capturing the ip address
2.	**Accounts Module – General Ledger Accounts**
2.1.	**Masters**
2.1.1.	Account Group Master
2.1.2.	Subgroup Master
2.1.3.	General Ledger Account Head Master with Tax, Bank, Cash bifurcation
2.1.4.	Detail Account Master
2.1.5.	Narration Master
2.1.6.	TDS (Tax Deducted at Source) and % fields in the supplier / address (TP) masters. Automatic posting in GL. DNS will create a JV automatically
2.1.7.	Financial Ratio Ledger setting
2.1.8.	TDS Sections
2.1.9.	Cheque Printing Settings- Multiple Banks
2.1.10.	Default GL Linking
2.2.	**Transactions**
2.2.1.	Cash receipt voucher
2.2.2.	Bank receipt voucher
2.2.3.	Cash payment voucher
2.2.4.	Bank payment voucher
2.2.5.	GST payment for service rendered
2.2.6.	Journal Voucher
2.2.7.	Contra-entry voucher
2.2.8.	Credit Note
2.2.9.	Debit Note
2.2.10.	Expense PO (for service provider, optional)
2.2.11.	Expense voucher (for service provider bill booking)
2.2.12.	Adjust unlink receipt with open sales invoice
2.2.13.	Adjust unlink payment with open GRN (Purchase bill / expense bill)
2.2.14.	Closing balance for master data (debtor, creditor and GL accounts)
2.2.15.	Rate of depreciation (as per Company's Act)
2.2.16.	Rate of depreciation (as per Income Tax Act)
2.2.17.	Asset installations slip

2.2.18.	Asset sale transaction. (For asset register and deprecation register)
2.2.19.	Bank Guarantee Details
2.2.20.	Year End JV
2.2.21.	Unsecured Loan Money Receipt
2.2.22.	Unsecured Loan Payment
2.2.23.	MIS Transaction-Changing ledgers of posted documents
2.2.24.	One Invoice-One Bill Passing
2.2.25.	Multiple Delivery Challan-Single Bill Passing
2.2.26.	Sales in Transit Voucher
2.3.	**Key MIS reports**
2.3.1.	Trial Balance. Option of various kinds of formatting, such as - GL wise Tr. Balance. Sub-group wise Tr. Balance. Group and GL wise Tr. Balance. Group and sub-group wise Tr. Balance. (Option of T- format = only closing balance)
2.3.2.	Sub-ledger trial balance. (Supplier / customer)
2.3.3.	Consolidated reports of multiple locations for one company in Accounts Module. E.g. DNS gives factory wise or branch wise plus consolidated for the head office
2.3.4.	Cash Book
2.3.5.	Bank Book (supports multiple banks) with receipts, payments & contra filters
2.3.6.	Expense voucher register
2.3.7.	Journal Voucher register
2.3.8.	General Ledger. (Account head wise or all accounts with details under General Ledger). Filter available for amounts < than, > than and =.
2.3.9.	Credit note register
2.3.10.	Debit note register
2.3.11.	Contra-entry register
2.3.12.	Fixed Asset register
2.3.13.	Depreciation schedule (as per Company's Act)
2.3.14.	Depreciation schedule (as per Income Tax Act)
2.3.15.	Profit & Loss account. (GL wise and sub-group wise). For multi-location user can make consolidated P & L report
2.3.16.	Balance Sheet. (GL wise and sub-group wise)
2.3.17.	Bank reconciliation statement
2.3.18.	Financial Ratios Comparison year to year
2.3.19.	Balance Sheet schedules details
2.3.20.	Profit & Loss schedule details
2.3.21.	Percentagewise Outstanding
2.3.22.	Latest Item Rate List –Customer-wise & Vendor-wise
2.3.23.	Cash Flow Statement
2.3.24.	On account Documents
2.3.25.	Yearly Summary Report-Customer & Vendor
2.4.	**DNS features**
2.4.1.	Automatic posting in respective G. L., from goods inward and sales invoice, etc.
2.4.2.	TDS procedure takes care of automatic TDS posting
2.4.3.	Service tax procedure takes care of automatic posting in related excise ledger

2.4.4.	Help of Standard Narration master saves time to enter voucher
2.4.5.	All reports with drill down facility down to transaction level
2.4.6.	Financial Ratio comparison year to year basis will help you to analyse the health of the company and action to be taken
2.4.7.	All Reports can be viewed branch wise separately or can be consolidated
2.4.8.	Do not have to maintain separate ledgers for Third Party who are also Suppliers
2.4.9.	Invoice issued to multiple branches, but one cheque received from Head Office against multiple Invoices
2.5.	**Exceptional MIS Reports**
	Dash Board: This will give at a glance the highlights of certain figures to the top management viz. purchase, sales, money receivable, money payable, bank balance, etc.
3.	**GST Configuration**
3.1.	**Masters**
3.1.1.	HSN Code Master
3.1.2.	Inter State or Intra State Purchase/Sales Master
3.1.3.	Customer GSTIN configuration master
3.1.4.	Vendor GSTIN configuration master
3.1.	**Transactions**
3.1.1	Opening Balance Entry for Input Tax Credit (ITC), RM & Capital Goods
3.1.2	Purchase Order – PO based on inter state or intra state and percentage calculation based on HSN Code and applicability of SGST, CGST or IGST or UTGST based on state of purchase
3.1.3	Quotation, Order Booking and Invoicing based on state of sales
3.2.	**Key MIS reports**
3.2.1.	DNS takes care of all GST related procedures and the same is linked with other relevant modules. The same is customized as per the rules applicable. Capturing from various transactions taxes details such as Sales Invoice, GRN (Goods Receipt Note), Sales RGN (Sales Return Goods Note, GIN (Goods Inward Note material from subcontractor etc.
3.2.2.	Capturing SGST, CGST, IGST and UTGST components in P.O. & Sales Invoice
3.2.3.	PO, GRN, JO, GIN, Exp, PO, Exp. Voucher, etc. Can default from item master.
3.2.4.	GST statements
3.2.5.	Link to the GL (General Ledger Accounts)
3.2.6.	Store HSN/SAC Code number on the masters. In Invoice, ask for GSTIN number of consignee and display on invoice.
3.2.7.	GST is tightly integrated with other modules such as purchase, sales, accounts, etc. All relevant details captured automatically at the time of creating the sales invoice including SGST, CGST, IGS and UTGST. In case materials on which GST is applicable and if it is sent to sub-contractor DNS prepares the required 4(5)(a) challan automatically.

Material Management (MM) Module

This includes the following business processes

- Inventory Management Business process
- Purchase Business process (Local procurement within India)
- MRP (Material Requirement Planning) with drill down to last child level
- Import Purchase Business process
- Barcode Module.

4.	**Inventory Management Business process**
4.1.	**Masters**
4.1.1.	Unit-of-Measurement (UOM) Master
4.1.2.	Category Master / Subcategory Master / Sub-group master
4.1.3.	Item Master
4.1.4.	Raw Material (Bought out) Item Master and list
4.1.5.	Packing Material Item Master and list
4.1.6.	Factory Made (SFG or Semi-Finished) Material Item Master and list for WIP inventory
4.1.7.	Finished Goods Item Master and list
4.1.8.	Main Location Master – (sub-contractor location)
4.1.9.	Sub-location master (stores, shop floor) and subcontractor location
4.2.	**Transactions**
4.2.1.	GRN or Goods Receipt Note. Linked to Stores as well as creditor accounts
4.2.2.	Stock transfer challan. For transferring material from one location to another location
4.2.3.	Stock Transfer Challan - material issued to shop floor linked to the Work Order as per BOM. (Optional)
4.2.4.	Material Issue Note (MIN) to consume / material from a 'given' location
4.2.5.	Stock Adjustment (SAN) to increase or reduce stock from a given location. This transaction is useful to match physical inventory with stock reports
4.2.6.	Physical stock Verification slip to enter actual stock in a given location
4.2.7.	Closing balance master entry (as of cut-off date, one time entry)
4.2.8.	Returnable Challan & Non Returnable Challan
4.2.9.	Conversion process - One to One
4.2.10.	Conversion Process - Many to One. For Assembling and Dismantling
4.2.11.	Purchase return for *non-excisable goods or Return to Suppl*ier. RTV. *This is linked with the material received and accounts entries are automatically generated by DNS. This will debit the supplier in supplier ledger Or User may create Tax Invoice (Sales Invoice - for excisable goods)*
4.2.12.	Captive Consumption
4.3.	**Key MIS reports**
4.3.1.	List of category, sub-category, and sub-group.
4.3.2.	GRN register (list) of items under "inward inspection".
4.3.3.	Stock Transfer Challan register (STC) - Filter provided for 'normal' STC and STC with Work Order.

4.3.4.	MIN (Material issue note) register (Location wise)
4.3.5.	SAN (Stock adjustment note) register. (Location wise)
4.3.6.	Stock Statement for all types of material as well as WIP during a given period.
4.3.7.	Stock Statement with quantity (location wise and category wise filters)
4.3.8.	Stock Statement with quantity and Rate (location wise and category wise filters)
4.3.9.	Item Ledger (location wise)
4.3.10.	Item Ledger with quantity (location wise and category wise filters)
4.3.11.	Item Ledger with quantity and Rate (location wise and category wise filters)
4.3.12.	Item ledger summary gives the stock of material at all locations – Drill down to ledger for any given location
4.3.13.	Physical stock and system stock (book stock) variance report
4.3.14.	Stock Valuation report. (With option to generate WAR – weighted average rate)
4.3.15.	RTV Register (Return to supplier – non-excisable items)
4.3.16.	Item List. (With option to select any or all fields from item master)
4.3.17.	Non Moving Inventory Register
4.3.18.	Captive Consumption Register
4.3.19.	Pending Issue Register
4.3.20.	Item Ledger for material reserved
4.4.	**DNS features**
4.4.1.	Various cost rate stored on Item master if required, such as Weighted Average Rate, last pure purchase rate, etc.
4.4.2.	Conversion Factor (relation between Purchase UOM and Issue UOM). Payment UOM and Payment conversion factor
4.4.3.	Optional Online link with picture of an item (.JPEG file)
4.4.4.	Optional hyperlink with an AutoCAD drawing
4.4.5.	ISO 9000 Facility to keep material in HOLD location – i.e. item under inspection, QC person can login and enter Accepted / Rejected Quantity to transfer material to Stores. Separate ledger shows item in Hold, Stores and Rejection location
4.4.6.	Lot number / Batch number / Serial number / heat number tracking of inventory. (Optional)
4.4.7.	For FMCG products user can store Inner Box / Outer Box data for shipping, or volume / weight of the box on item master. (Optional)
4.4.8.	Automatic calculation of landed-cost of item received and updating the same on master for valuation purpose
4.4.9.	Just-in-time (JIT) inventory management by linking the MRP (material requirement planning) module and inventory module
4.4.10.	Pending list of returnable items - RTV (return to Supplier with auto debit feature)
4.4.11.	Item wise consumption
4.4.12.	Branch wise / Location wise / Plant wise / wise Stock status
4.4.13.	Expiry / Near Expiry inventory for perishable goods. (Optional).
4.4.14.	Calling a given item by different name (alias) because different customers call with different name. (Optional).

4.4.15.	Excess material received can be accepted (Percentage tolerance given in sub-category master).
4.4.16.	Serial No. applicable flag in Item Master
4.4.17.	PFD (Process Flow Diagram) selection in Item Master

5.	**Purchase & Pre-purchase Module**
5.1.	**Masters**
5.1.1.	Supplier Master (Supplier List)
5.1.2.	Supplier Type Master
5.1.3.	General Conditions for PO
5.1.4.	PO Sanction Limit
5.2.	**Transactions**
5.2.1.	Purchase Requisition (Linked further to Purchase enquiry)
5.2.2.	Purchase Requisition Approval
5.2.3.	Purchase enquiry
5.2.4.	Purchase Quotation
5.2.5.	Purchase Quotation Approval
5.2.6.	Preparing Purchase Order. This can be saved as .PDF file and email to Supplier
5.2.7.	Purchase Order Approval
5.2.8.	Purchase Order Rate Approval
5.2.9.	Purchase Order Schedule
5.2.10.	Sale in Transit PO
5.2.11.	Sale in Transit delivery status update
5.3.	**Key MIS reports**
5.3.1.	Purchase requisition Register
5.3.2.	Purchase Order Register
5.3.3.	Purchase Order status Register with optional alert flag – when delivery period elapsed, P.O. being highlighted
5.3.4.	Creditor Ledger
5.3.5.	Supplier master list
5.3.6.	Supplier Performance Rating / Supplier Rating based on quality, delivery, rate, credit period
5.3.7.	Warning letter generation based on poor performance/service
5.4.	**DNS features**
5.4.1.	Auto transfer of rejected quantities to rejection stores location
5.4.2.	Link to payment voucher with required validation to the GRN (Goods Receipt Note)
5.4.3.	Item specification document as per ISO 9000 requirements can be linked to PO (.pdf) file; Drawing number, etc. can be shown automatically
5.4.4.	Capturing of SGST, CGST, IGST and UTGST information
5.4.5.	Item 'accept / reject' quantity to be put by a separate password - by QC person
5.4.6.	Purchase officer can make PO based on Material Requirement Planning report, or based on ROL based report
5.4.7.	Purchase Indent 'Automatic' alert to Purchase Department

5.4.8.	Purchase Order 'short-closed' facility
5.4.9.	Purchase Order Revision Provision. (Amendment)
5.4.10.	Purchase Order Expiry Provision (Option)
5.4.11.	Make Similar Purchase Order
5.4.12.	One Purchase Order – Multiple GRNs
6.	**MRP - Material Requirement Planning Module**
	This module is applicable for the Finished Goods (products), where the child item up to the N level is shown.
6.1.	**Transactions:**
6.1.1.	MRP Sales Order-wise
6.1.2.	MRP based on Reorder Level
6.1.3.	MRP based on Work Order
6.2.	**Key MIS reports:**
6.2.1.	Material Requirement Plan - MRP based on production indent and linked to BOM to get raw material required (bought out items) based on stock in hand and buffer stock
6.2.2.	ROL based Material Requirement report (items below Re-Order Level)
6.3.	**DNS features:**
6.3.1.	Pre-requisite: Customer Master. Item Master. Customer Master. BOM Master
6.3.2.	Purchase Requisition (purchase indent) can be prepared based on the MRP report – shortage quantity MIS
6.3.3.	MRP based on the re Order Level (ROL)
6.3.4.	MRP considering stock in hand
6.3.5.	Automatic calculation of ROL depending upon consumption
7.	**BOM – Bill of Materials Module**
7.1.	**Masters**
7.1.1.	Bill of Materials Master - Project based
7.1.2.	Bill of Materials Master- Product based with alternate BOM
7.2.	**Key MIS reports**
7.2.1.	BOM Master Printout category wise / subcategory wise.
7.2.2.	List of Finished Goods item for selected F.G. item.
7.2.3.	Commonly used raw materials
7.3.	**DNS features**
7.3.1.	GUI interface (drag-and-drop)
7.3.2.	Save the BOM instantly in MS Excel format showing Father / child relation up to N level.
7.3.3.	BOM Master is used for preparation of Quotation, Issuing Work Order to the shop floor, Job Order to the third party, preparation of Cost Sheet
7.3.4.	Production Module Work order is linked to BOM master. Material consumption in own shop floor and Sub-contractor - during production is linked to BOM.
7.3.5.	Costing / Estimation - Product cost estimation is linked to BOM master.

7.3.6.	Material Requirement Planning to compute the shortage quantity the BOM is exploded automatically.
7.3.7.	Automatic tracking of changes in BOM (engineering changes) with auto Revision Number and revision date.
7.3.8.	Add similar BOM feature allows creating a BOM from existing BOM of a similar product and then saving after minor changes as new BOM – tremendous time saving feature for large BOM.
8.	**Quality check**
8.1.	**Masters**
8.1.1.	Testing Parameter Master
8.1.2.	Item wise testing Parameter Master
8.1.3.	ISO Document No. Master
8.1.4.	QAP Characteristics Master
8.1.5.	QAP Category Master
8.1.6.	QAP Method Master
8.2.	**Transactions**
8.2.1.	Inward Quality Check - GRN
8.2.2.	Inward Quality Check – GIN
8.2.3.	Finished Product Quality Check
8.2.4.	Calibration Test (Optional)
8.2.5.	QAP Entry
8.2.6.	QAP approval by HOD
8.2.7.	QAP approval by Client
8.2.8.	Internal Inspection Report
8.2.9.	Internal Inspection Approval
8.2.10.	Inspection Call
8.2.11.	Inspection Clearance
8.2.12.	Inspection Waiver
8.2.13.	Inspection Offer Sheet
8.2.14.	Third Party Inspection
8.2.15.	Non Conformity
8.2.16.	Action against Non Conformity
8.2.17.	Follow up Comments
8.2.18.	Dispatch Clearance
8.2.19.	Packing Note
8.2.20.	Packing Note Approval
8.3.	**Reports**
8.3.1.	Inward QC – GRN Report
8.3.2.	Inward QC – GIN Report
8.3.3.	Calibration Test Report (Optional)
8.3.4.	Certificate of Compliance
8.3.5.	QAP Register
8.3.6.	Dispatch Clearance Register
8.3.7.	Internal Inspection (Stage wise & Assembly)

8.4.	**DNS Features**
8.4.1.	The Goods received with respect to purchase order are kept in a 'HOLD' location or location for material under inspection. The store person will enter challan quantity and received quantity. After inspecting the material against the tests defined in master against that item, QC person will enter the result of quality checks. When QC module is enabled then accepted quantity will be accepted only when QC entry is done.
8.4.2.	Quality Checks for outbound material / finished Products. At the time of shipping, QC check and relevant certificate can be entered after production entry.
8.4.3.	Drawing Number and revision of each item is displayed on screen for reference. Option of accessing stored file with actual drawing while doing QC is available in DNS ERP (with proper security option).
8.4.4.	Throughout the process production, the output (production) of each stage is captured and can be issued to next stage after the QC Pass Procedure. The Quality supervisor has to verify the produced quantity at each stage until the packing stage and record the entries in DNS. Rejected material can be monitored location wise.
8.4.5.	Each QC Report is available as soft or hard copy at any stage in DNS ERP.
8.4.6.	Quality checks for material received through GRN or GIN are defined in Master. The result of QC can be entered against this with respective items received and checked.
8.4.7.	ISO Documents number of each document which can be defined in ISO Document Master
9.	**Production Module**
	DNS captures both kinds of manufacturing – 'Process production' as well as 'Assembly production'. Some of the following may be applicable or not will depend on kind of manufacturing process.
9.1.	**Masters**
9.1.1.	Shift Master
9.1.2.	Machine Master
9.1.3.	Operator Master
9.1.4.	Process Master
9.2.	**Transactions**
9.2.2.	Production Slip. (Production without link to BOM)
9.2.3.	Work Order – with and without BOM
9.2.4.	Work Order Priority Setting
9.2.5.	Production Entry
9.2.6.	Production QC
9.3.	**Key MIS reports**
9.3.1.	Production issue and production slip register.
9.3.2.	Work Order Register.
9.3.3.	Work Order status – open, close and terminated or all with ORI / User filter. User filter to capture Work Order prepared by each User.

9.3.4.	Work Order type – In-house or sub-contractor or all.
9.3.5.	Work Order Register with ORI Filter. To select sales order for a given work order.
9.3.6.	Production Register with shift-wise, machine-wise/operator-wise filter.
9.3.7.	Production QC Status Register
9.4.	**DNS features**
9.4.1.	Pre-requisite: Item Master, Customer Master.
9.4.2.	Captures scrap generated during production – end piece, etc.
9.4.3.	Production Indent integrated with inventory and Finished Goods produced.
9.4.4.	Production Q. C.
10.	**Sales Module (Shipping)**
	F. G. inventory (dispatch) and sales accounting.
10.1.	**Masters**
10.1.1	Customer Type Master.
10.1.2	Customer Master.
10.1.3	Enquiry type master.
10.1.4	Delivery mode master.
10.1.5	Sales coordinator master.
10.1.6	Officer Master (engineer or staff name can be attached to customer.
10.2.	**Transactions**
10.2.1	Commercial Invoice
10.2.2	Sales Invoice. Preparing Challan cum Sales Invoice (CCI)
10.2.3	Tax Invoice (Domestic). Link to Order Receipt Information (ORI)/Internal ORI (Projection ORI for stocking)
10.2.4	Scrap sales Invoice.
10.2.5	Trading Invoice. (Optional)
10.2.6	Invoice with zero sales value (free samples). Complementary.
10.2.7	Purchase return invoice. (For excisable material returned to supplier)
10.2.8	Sales Return transaction. Goods returned from Customer
10.2.9	Automatic Inspection Report (QC) for finished goods along with sales invoices (ISO 9000)
10.2.10	Replacement Challan non-excisable (linked to sales and RGN)
10.2.11	Stock Transfer Invoice. (To transfer material to own stock locations, such as branch, franchises, etc.)
10.2.12	'Repairing Invoice' (Sales bill towards repair service charges)
10.2.13	Packing Slip
10.2.14	Supplementary Invoice
10.2.15	Service Invoice
10.2.16	Sale in Transit Invoice
10.3.	**Key MIS reports**
10.3.1	Invoice register – Customer details.
10.3.2	Invoice register – Product (item) details.
10.3.3	RGN (Return Goods Note) register.

10.3.4	Transfer Invoice register (Optional).	
10.3.5	Trading Invoice register (optional).	
10.3.6	Ledger. (Debtor Ledger).	
10.3.7	Customer ledger.	
10.3.8	Age wise outstanding report	
10.3.9	Age wise overdue report	
10.3.10	Product wise invoice list.	
10.3.11	Customer Master List. User can select fields to prepare excel file, e.g. to prepare phone book, select customer name, phone number, email id.	
10.3.12	'Repairing Invoice' Register.	
10.3.13	Top N Customers	
10.3.14	Top N Items	
10.3.15	Bottom N Customers	
10.3.16	Bottom N Items	
10.3.17	Sales Analysis Register	
10.3.18	Order vs Payments	
10.3.19	Dashboard	
10.4.	**DNS features**	
10.4.1	Multiple Delivery sales schedule (Sales Order) Report.	
10.4.2	Sales invoice link to sales schedule (for OEM).	
10.4.3	Replacement management – linked with inventory and sales accounting.	
10.4.4	Sales Returned Goods Note (RGN) for item received back, link to sales account and excise.	
10.4.5	Sales Invoice Link with sales order (ORI) to ensure accurate and fast billing preparation.	
10.4.6	Automatic posting to Customer Account, GST Books and Inventory.	
10.4.7	Information about the Contact details such as multiple contact person names, telephone numbers, email id, etc., for Customer.	
10.4.8	Classification of customer Geographically (Region, state, city, Country), Segment wise.	
10.4.9	Credit control. Credit Limits for the customer. Automatic pop-up based on link with credit limit of Customers and outstanding amount, while preparing sales invoice.	
10.4.10	Capturing CT 3 information (Optional).	
10.4.11	Customer Grading , for preferential treatment as part of CRM	
11	**Sub-contractor OUT Module**	
	Complete Inventory tracking of sub-contractor inventory fully integrated with creditor accounting. Outsourcing. (Also referred as off-loading)	
11.1.	**Master**	
11.1.1.	Sub-contractor or Address Master (for account with inventory location).	
11.1.2.	Address Type Master	
11.2.	**Transactions**	
11.2.1	Job Order (Labor Purchase Order)	
11.2.2	Goods Delivery Note (GDN) – integrated with excise – 57 F4 Challan	

11.2.3	Goods Inward Note (GIN) – Material received back after processing with creditor accounting integration. QC – accept / reject.
11.3	**Key MIS reports:**
11.3.1	Job order register
11.3.2	Job order status wise – Open JO, close JO, terminated JO.
11.3.3	GDN register
11.3.4	GIN register
11.3.5	GDN / GIN register. (Item sent to subcontractor and related material received duly after processing)
11.3.6	Sub-contractor master list (sub-contractor list)
11.4.	**DNS features**
11.4.1	Pre-requisite: Location Master, BOM Master
11.4.2	Fully integrated with BOM master to ensure material given to the sub-contractor is the correct child items
11.4.3	Auto-production to consume material from sub-contractor
11.4.4	Auto GDN. Purchase Order is placed on a supplier with 'unloading location' as sub-contractor. Material is directly sent to sub-contractor's factory by supplier. DNS can automatically captures the twin-transactions – material received from supplier and immediately transferred to sub-contractor
11.4.5	Stock ledger for sub-contractor location gives information about stock lying with the TP
11.4.6	Creditor accounts ledger for the accounts payable
11.4.7	Money payment to sub-contractor after deducting TDS
11.4.8	Scrap accounting
11.4.9	GIN –Material returned back without processing-Partially or entire lot
11.4.10	Multiple GDN reconciled on FIFO basis automatically, no need to select multiple GDN manually
12	**Pre-Sales module**
12.1.	**Masters**
12.1.1.	Consignee Master
12.1.2.	GSM Range Master
12.1.3.	Consignee Type Master
12.1.4.	Consultant Master
12.1.5.	Consultant Type Master
12.1.6.	Enquiry Mode
12.1.7.	Estimate Head GL Link Master
12.1.8.	Estimate Head Master
12.1.9.	Invoice Type Master
12.1.10.	Marketing Team Master
12.1.11.	Order Type/Enquiry Type
12.1.12.	ORI Status Master
12.1.13.	ORI Type

12.1.14.	Priority Status	
12.1.15.	Quotation Type	
12.1.16.	Region Master	
12.1.17.	Sales Agent	
12.1.18.	Sector Master	
12.1.19.	Source Master	
12.1.20.	Status Master	
12.2.	**Transactions**	
12.2.1.	Sales Enquiry	
12.2.2.	Sales Quotation (as per ISO format)	
12.2.3.	Internal Order Acceptance (Internal ORI)	
12.2.4.	Order Acceptance or OA or Sales Order, (Customer Purchase Order link). Order Receipt Information (ORI). [With Sales Schedule –Optional Sales Order Approval]	
12.2.5.	Proforma invoice (optional)	
12.2.6.	Supplementary Invoice	
12.2.7.	ORI status entry by Marketing/Production/Dispatch Department	
12.2.8.	Quotation	
12.3.	**Key MIS reports**	
12.3.1.	Enquiry Register. Automatic report of enquiries for which quotation not given	
12.3.2.	Quotation Register. Automatic report of quotation for which order not received	
12.3.3.	Order Acceptance (Sales Order) Register. ORI register – (i) All; (ii) Open; (iii) Used; (iv) Amended; (v) Booked; and ((vi) Terminated.	
12.3.4.	Automatic Pending Orders Report (order received but not dispatched).	
12.3.5.	Proforma invoice register	
12.3.6.	Enquiry Type ROI	
12.3.7.	Quotation Follow-up Register	
12.3.8.	Sales Order Status Register	
12.4.	**DNS features**	
12.4.1.	Sales Agent / Sales Representative wise Order booking	
12.4.2.	Multiple contact names for one customer can be stored with their individual email id and cell number. This helps in follow-up with the right person	
12.4.3.	Sales schedule linking (optional)	

DNS GOLD

All modules of DNS Silver plus the following additional modules :-

1. Subcontractor IN module – Customer's material received for processing
2. Cost sheet module – preparing estimate
3. PPC – Production Planning & Control module
4. Automatic email alerts module
5. Automatic SMS to mobile phone

1.	Job working IN module – Customer's material received for processing
	Subcontractor IN or job-working for customer. Customer gives material. After processing (say, machining) the same is returned back to customer.
1.1.	**Masters:**
1.1.1.	Sub-location master for customer's material location (separate stores)
1.1.2.	Third Party Customer Type Master
1.1.3.	Third Party Customer Master
1.2.	**Transaction:**
1.2.1.	Material Inward Challan. To capture information about when and what quantity material was received
1.2.2.	Material Inward QC
1.2.3.	Labour charges only sales invoice (cum Challan)
1.2.4.	Zero Value Labour Invoice
1.2.5.	Return "As it is"
1.3.	**Reports**
1.3.1	Third Party Customer List
1.3.2	Material Inward Register
1.3.3	Labour Invoice Register
1.3.4	Closing Register (for 4(v)(a) Challan)
1.4.	**Feature**
1.4.1.	Linking customer's material (inward Challan quantity) with sales invoice quantity
1.4.2.	Zero value invoice (defective material returned as it is)
1.4.3.	Capturing heat code / lot number / serial number etc.
2.	**Cost Sheet Module – preparing estimate**
2.1.	**Masters**
2.1.1.	Overhead Master
2.2.	**Transactions**
2.2.1.	Cost sheet for the product. Raw Material Cost / Sub Assembly Cost/ Overhead & Ex-Factory Cost / Total Costing Estimation
2.3.	**Key MIS reports**

2.3.1.	Cost sheet Register
2.4.	**DNS features**
2.4.1.	Costing to arrive at the ex-factory price (can be based on BOM)
2.4.2.	Helps you analyze costing changes over the period of time through costing history
2.4.3.	Generation of Pie Chart of total cost
3.	**PPC – Production Planning & Control Module**
	For process production. Not applicable for assembly kind of production
3.1.	**Masters**
3.1.1.	Process Flow Diagram (PFD) master
3.1.2.	Worker type master
3.2.	**Transactions**
3.2.1	PPC linked to Work Order to capture quantity to be produced, machine, Operator, Shift for a given process
3.2.2	Stage-wise production entry to capture material to be produced at each stage of production
3.3.	**Key MIS reports:**
3.3.1.	PPC Register
3.3.2.	Stage-wise Register
3.4.	**DNS features:**
3.4.1.	BOM Master One father item and *one* child item are considered in process production. However, the raw material undergoes many processes, such as cutting, bending, etc. [unlike assembly BOM, where there are many child items and one father item]
3.4.2.	Work order is prepared first that is linked to the sales order (or sales schedules). User can plan the production that is linked to the work order (job card). Work order is a pre-requisite to PPC, for process-production.
3.4.3.	PPC links the production plan for machines (from machine master).
3.4.4.	PPC links the production plan for process (from process master, such as drilling, plating, cutting, etc.).
3.4.5.	Production plan further links (next procedure) with the actual production entry.
4.	**Automatic email alerts module**
4.1	Send Invoice and Purchase order in PDF format to Customer and Vendor without any time delay
4.2	Set alert to customer for pending payment.
4.3	Send General ledger statement to relevant customer and Vendor periodically.
4.4	Set automatic re-order alert to users/ Department.
4.5	Set system generated e-mail to customer for despatch details.
4.6	Extensive Reports Quickly Available.
4.7	Send Various reports to concerned official periodically like Monthly payment collection, Balance payment to be received, Monthly production reports, Monthly Stock statement, Pending P.O, O R I Status, etc.

4.8	Close watch on all business process during Travelling.
4.9	Send selected Finished goods stock statement to selected customer.
5.	**Automatic SMS to mobile phone**
5.1	Send automatically Invoice and Despatch details to Customer immediately after dispatches.
5.2	Send SMS alerts to department head about generation of new document.
5.3	Send reminder to Vendor about delivery schedule.
5.4	Close watch on all business process during Travelling.
5.5	Intimate Service engineer about new service call.
5.6	Send bulk SMS to customer about new offer or about product promotion.
5.7	SMS Gateway is designed to integrate seamlessly with DNS.
5.8	Job Order- Automatic SMS to supplier when JO is acknowledged.
5.9	Receipt Voucher- Automatic SMS to Customer when receipt is acknowledged.
5.10	Payment Voucher- Automatic SMS to supplier when Payment is acknowledged.
5.11	PO- Automatic SMS to supplier when PO is acknowledged.

DNS PLATINUM

All modules of DNS Silver & DNS Gold plus the following additional modules :-

1.   Import purchase module
2.   Export sales module
3.   After sales service module (spares management, warranty / AMC)
4.   Plant maintenance module
5.   Multi-location
6.   Payroll module
7.   Human Resources Management module

1.	Import Purchase Module
1.1.	**Masters**
1.1.1.	Bill of Entry
1.1.2.	Country Currency Master
1.1.3.	License Master
1.1.4.	Port of Delivery
1.1.5.	Port of Loading
1.1.6.	Vehicle Charges Master
1.1.7.	Vehicle Type Master
1.2.	**Transaction**
1.2.1.	Import purchase Order for foreign supplier (in foreign currency)
1.2.2.	Import GRN (Goods Receipt Note) when material is received from foreign supplier (in foreign currency)
1.2.3.	Import Purchase Enquiry
1.2.4.	Import Purchase Quotation
1.2.5.	Import Purchase Order Approval
1.2.6.	Import GRN QC
1.2.7.	Import GRN Bill Pass
1.2.8.	Import Expense Voucher
1.2.9.	Bill of Lading & Bill of Entry
1.3.	**Key MIS reports**
1.3.1.	Import Purchase Order Pending register.
1.3.2.	Import GRN register – Supplier / Item wise information.
1.3.3.	Import PO Status BL Wise
1.3.4.	Truck Entry Details

1.3.5.	Import BL Final Cost Calculation
1.3.6.	Import Expense Voucher Report
1.4.	**DNS features:**
1.4.1.	Capturing custom duty, CVD, Edu. Cess, etc, and other relevant information in DNS ERP.
1.4.2.	Captures each and every expenses incurred for CFS, CFA, Bank Charges, Liner Charges & Transport charges incurred from Port to Factory. The same is taken into consideration for Landed Cost.
1.4.3.	Indian Rupees and Foreign currency exchange rate stored at the time of importing.
2.	**Export Sales Module**
2.1.	**Master:**
2.1.1.	Types of Invoice
2.1.2.	Bond Master
2.1.3.	Country – currency master
2.1.4.	Item Article Master
2.2.	**Transactions:**
2.2.1.	Export Inquiry
2.2.2.	Export Quotation
2.2.3.	Export Order – captures foreign customer's sales order information, and is linked to the Export invoice.
2.2.4.	Export Order Approval seeks approval of competent authority
2.2.5.	Foreign Currency export invoice
2.2.6.	Form ARE 1 is prepared automatically with the export sales invoice
2.2.7.	Form ARE3
2.2.8.	Packing List (automatically prepared with export invoice).
2.2.9.	Packing List approval
2.2.10.	Commercial Invoice
2.2.11.	Export Proforma Invoice
2.2.12.	Export Box Packing
2.3.	**Key MIS reports**
2.3.1	Export Enquiry Register
2.3.2	Export Quotation Register
2.3.3	Export Sales Order (ORI) Register
2.3.4	Export Proforma Invoice Report
2.3.5	Form ARE1 Register
2.3.6	Export Commercial Invoice Register
2.3.7	Export Invoice Register
2.3.8	Export Packing Note Register
2.4.	**DNS features:**
2.4.1.	Facility to enter current Exchange rate
2.4.2.	Foreign Currency Order Receipt Information (export ORI)

3.	**Warranty / After Sales Service Module**
	AMC /spares management / Customer Engineer (C.E.)
3.1.	**Masters**
3.1.1.	Masters Index
3.2.	**Transactions**
3.2.1.	Contract proposal
3.2.2.	AF Commercial Invoice
3.2.3.	Client Complaint
3.2.4.	Enquiry
3.2.5.	ORI
3.2.6.	ORI Approval
3.2.7.	Proforma Invoice
3.2.8.	Sales Invoice For Supply
3.2.9.	Service Report
3.2.10.	Service Report Approval
3.2.11.	Spares Packing Note
3.2.12.	Spares Packing Note Approval
3.3.	**Key MIS reports**
3.3.1.	AF Commercial Invoice Register
3.3.2.	Complaint Register
3.3.3.	Enquiry Register
3.3.4.	ORI Register
3.3.5.	Proforma Invoice Register
3.3.6.	Quotation Register
3.3.7.	Service Register
3.3.8.	Spares Packing Note Register
3.4.	**DNS features**
3.4.1.	Call Sheet to arrive to the number of complaints or faults registered.
3.4.2.	Services provided to the complaints or faults.
3.4.3.	Machine Level Components used.
3.4.4.	Report on Fault Analysis
3.4.5.	Reports on Components Replacement Details
4.	**Plant Maintenance Module**
4.1.	**Master**
4.1.1.	Machine Master
4.1.2.	Activity Master (Includes cost)
4.1.3.	Activity check-list
4.1.4.	In-charge Master (Includes cost)
4.1.5.	Action Master
4.1.6.	CheckList Master
4.1.7.	Observation Master
4.1.8.	Observation Action Master

4.2.	**Transactions**
4.2.1.	Work Order for Machine Maintenance
4.2.1.1.	Corrective Maintenance
4.2.1.2.	Preventive Maintenance
4.2.2.	Production Entry for Machine Maintenance
4.2.3.	Activity Log
4.3.	**Key MIS reports**
4.3.1.	Machine Master Report (With Spares)
4.3.2.	Works Order Register with filters as
4.3.2.1.	Maintenance Type (Corrective/Preventive)
4.3.2.2.	Work Order Status (Open, Closed, Terminated, All)
4.3.2.3.	Machine Wise
4.3.2.4.	In-charge Wise
4.3.3.	Production Entry Register (Cost is calculated) with filters as :-
4.3.3.1.	Maintenance Type (Corrective/Preventive)
4.3.3.2.	Machine Wise / In-charge Wise
4.3.4.	Activity check list Register
4.4.	**Features**
4.4.1.	Automatic popup for maintenance to be done in next 2 days is shown when you login in the system.
4.4.2.	Automatic Email Alert for maintenance to be done, in next 2 days is prepared and sent by DNS ERP.
5.	**Multi-location**
	This module is applicable for multi-location organization. For instance, Head office and Factory are situated in different geographical locations. Static IP address server and broadband internet connection allows user to access ERP database from anywhere / anytime. Pre-requisite Server with fixed IP address from your ISP (Internet Service Provider) and firewall software is required.
5.1.	Remote Connection from another computer using Internet.
5.2.	DNS also supports Remote Login where user can access ERP Server using Internet.
6.	**Payroll**
6.1	**Master**
6.1.1.	Employee Type master
6.1.2.	Employee Master
6.1.3.	Earning heads & deduction heads Master
6.1.4.	Employee Salary Master
6.1.5.	Department master (Cost Center)
6.1.6.	Designation master
6.1.7.	Bank master / Bank-Branch master
6.1.8.	Group Master
6.1.9.	Grade Master

6.1.10.	PF Ceiling Master
6.1.11.	ESIC Ceiling Master
6.1.12.	Profession Tax Master
6.1.13.	Labour Welfare Fund Master
6.1.14.	Leave Allotment Master
6.1.15.	Combine Challan (Acc No.1, 2, 10, 21 & 22) Master
6.1.16.	Payroll – Account Setting Master
6.1.17.	Annual Bonus
6.1.18.	Annual Performance Bonus
6.1.19.	Attendance Bonus Setting
6.1.20.	Compensatory Off {COFF} Entry
6.1.21.	Holiday Master
6.1.22.	Payroll Group Master
6.1.23.	Salary Breakup Definition Master
6.2.	**Transactions**
6.2.1.	Attendance – The number of days present by an employee will have to be punched in the system by the concerned official of the HR Department.
6.2.2.	Loan (Principal, Monthly EMI) Entry
6.2.3.	Advance (Principal, Monthly EMI) Entry
6.2.4.	Monthly Deductions (Loan/Advance)
6.2.5.	Monthly Payroll preparation
6.2.6.	Leave Application
6.2.7.	Leave Approval
6.2.8.	Employee Resignation
6.2.9.	Income Tax Monthly Challan Entry
6.2.10.	Mobile Bill Entry
6.2.11.	Extract Employee Attendance
6.2.12.	Form16 Acknowledgement Entry
6.2.13.	Income Tax
6.2.14.	UpLoad Monthly Attendance
6.3.	**Reports**
6.3.1.	Employee list
6.3.2.	Payroll Register
6.3.3.	Attendance Register
6.3.4.	Pay Slip
6.3.5.	Bank Statement
6.3.6.	PF Report.
6.3.7.	Professional Tax [Professional Tax] Statement
6.3.8.	Loan Register
6.3.9.	Advance Register
6.3.10.	ESIC Report.
6.3.11.	Labour Welfare Fund Report
6.3.12.	Income Tax Yearly Report Per Employee wise (Automated)
6.3.13.	Form 16
6.3.14.	Combine Challan Acc. No.1, 2, 10, 21 & 22

6.3.15.	Employee Joining Report	
6.3.16.	Employee Resigned Register	
6.3.17.	Form 3A	
6.3.18.	Form 6A	
6.3.19.	Form 5	
6.3.20.	Form 10	
6.3.21.	TDS Statement	
6.3.22.	Annual Bonus Report	
6.3.23.	Gratuity Report	
6.3.24.	Bank Statement Register	
6.3.25.	Employee Leave Balance Register	
6.3.26.	ESIC Statement Register	
6.3.27.	Form 12A	
6.3.28.	Form A-1Cum-Return.aspx	
6.3.29.	Leave Register	
6.3.30.	Online ESIC PF Challan	
6.3.31.	PF Statement Register	
6.3.32.	Profession Tax Register	
6.3.33.	Salary Statement	
6.3.34.	TDS Statement Register	
6.4.	**DNS features**	
6.4.1.	User Definable Earning and Deduction Heads	
6.4.2.	Deduction heads – Monthly Editable or Not Option provided	
6.4.3.	Daily wages, monthly wages – Salary calculations	
6.4.4.	Attendance types – absence, paid leave, unpaid leave, etc.	
6.4.5.	Loans and advances to employees	
6.4.6.	Employee type – manager, operator, etc.	
6.4.7.	Automatic calculation of income tax in pay-slip every month based on Earning and Deduction fed into the system.	
6.4.8.	Modify all the transaction as many times as needed.	
6.4.9.	Salary lock. (After this no Modification is allowed, once Account is audited).	
6.4.10.	Auto Journal Voucher (JV) Entry generation from Payroll	
6.4.11.	User Matrix – By which each user is given/denied access to particular Report/Transaction resulting is high Security and blocking un-authorized access.	
6.4.12.	Every Report can be easily transferred to Excel.	
6.4.13.	Very User Friendly GUI and Easy to understand Procedures which require minimum Training.	
7.	**HUMAN RESOURCES MANAGEMENT**	
7.1.	**Master**	
7.1.1.	Post/Designation Master	
7.1.2.	Experience Master	
7.1.3.	Qualification Master	

7.1.4.	Location Master
7.2.	**Transactions**
7.2.1.	Candidate Requisition
7.2.2.	Candidate Requisition Approval
7.2.3.	HR Department Confirmation
7.2.4.	Candidate Interview sheet
7.2.5.	Short Listing
7.2.6.	Offer Letter
7.2.7.	Approval of Offer Letter
7.2.8.	Candidate Acceptance
7.2.9.	Appointment Letter
7.2.10.	Confirmation Letter
7.3.	**Reports**
7.3.1.	Requisition Register
7.3.2.	Confirmation Register
7.3.3.	Offer Letter Register
7.3.4.	Appointment Register
7.4.	**DNS features**
7.4.1.	Request for desired candidates from each Department
7.4.2.	Online Approval and confirmation of Requisition
7.4.3.	Short-listing of candidates and Interview scheduling
7.4.4.	Online generation of Offer Letter, Candidate Acceptance and Appointment
7.4.5.	Various Registers with filters to check requisition, confirmation, offer, appointment, etc.
7.4.6.	Modify all the transaction as many times as needed.
7.4.7.	User Matrix – By which each user is given/denied access to particular Report/Transaction resulting is high Security and blocking un-authorized access.
7.4.8.	Every Report can be easily transferred to Excel.
7.4.9.	Very User Friendly GUI and Easy to understand Procedures which require minimum Training.

OPTIONAL MODULES

1. Barcode Module
2. CRM module (Customer relationship & Lead management)
3. Distribution module for standard products, sold through channel partners
4. Project Module
5. Project tracking module (Project based manufacturing)
6. Erection, Testing & Commissioning (ETC) Module (project based manufacturing)
7. Resource Matrix module
8. Helpdesk Module
9. Sample management module
10. Vehicle Tracking Module
11. e-Business
12. User Defined Reports
13. Production Planning & Control for Foundry

1.	BARCODE MODULE
	A barcode can be best described as an "optical Morse code". Series of black bars and white space of varying widths are printed on labels to uniquely identify items. The barcode labels are read with a scanner, which measures reflected light and interprets the code into numbers and letters that are passed on to a computer. Benefits of Barcoding : Barcode data collection systems provide enormous benefits for just about any business. With a barcode data collection solution, capturing data is faster and more accurate, costs are lower, mistakes are minimized and managing inventory is much easier.
1.2.	**DNS features**
1.2.1.	Capturing data faster and more accurate.
1.2.2.	Faster movement from one location to another like stores to shop floor, Finished goods consumption during making of sales Invoice.
1.2.3.	Get real time information about the Inventory belonging to multi Location or warehouse. DNS ERP barcode module helps to control inventory and material movement effectively
1.2.4.	Multi Item Check out and Check In.
1.2.5.	Tightly linked with GRN, GIN and Delivery challan
1.2.6.	Easily find old documents like P.O, Warranty Card etc.
1.2.7.	Trouble free, Accurate and faster for stock taking.
2.	**CRM module**
	CRM Module has emerged as a powerful and important business technology

	that will help your organization attract and retain loyal customers. By centralizing your prospect and customer data into a single application, you can leverage that data to sell, service and market more effectively.
2.1.	**Masters**
2.1.1.	Task Type Master
2.1.2.	Lead Type Master
2.1.3.	Lead Status Master
2.1.4.	Expense Master
2.1.5.	Industrial Type Master
2.1.6.	Caller Master
2.1.7.	Manager Master
2.1.8.	Engineer Master
2.1.9.	Dealer Master
2.1.10.	Close Reason Master
2.1.11.	Area Master
2.1.12.	Manager Engg Master
2.2.	**Transactions**
2.2.1.	Scheduling Entry
2.2.2.	Lead Entry
2.2.3.	Expense Entry
2.3.	**Key MIS reports**
2.3.1.	Scheduling Register
2.3.2.	Lead Register
2.3.3.	Lead Follow-up Register
2.3.4.	Expense Register
2.3.5.	Lead Contact Register
2.4.	**DNS features**
2.4.1.	Sales Person wise Lead booking
2.4.2.	You can see Lead Follow-up on click.
2.4.3.	Customizable Sales Territories
2.4.4.	Easy Team Management (for managers and executives)
2.4.5.	Real-time Tracking, Reports and Alerts
2.4.6.	Reports can be Export to Excel
2.4.7.	With DNS CRM you can capture every piece of customer information necessary to provide your contacts and clients with the best possible service. Additionally, this data can be leveraged to perform targeted marketing campaigns to drive incremental sales.
3.	**Distribution Module**
	Sales through franchises / channel partners / distributors / dealers / agents / stockiest / CFA. (Optional).
3.1.	Dispatch Order created by Head Office to factory for dispatch of material to channel location.
3.2.	Transfer Invoice. Preparing online Stock Transfer Invoice (to Depot / franchises / Branch transfer). From factory to own inventory location

	linked to Dispatch Order.
4.	**Project Module**
4.1.	**Masters**
4.1.1.	Price Breakup type
4.1.2.	Project Master
4.1.3.	Project Cell
4.1.4.	Submission Category – Price Break up
4.1.5.	Approval Status – Drawing List
4.1.6.	Submission Status – Drawing List
4.1.7.	Data Sheet Master
4.1.8.	Drawing Department Master
4.1.9.	Price Break Up Header Master
4.1.10.	Price Break Up Details Master
4.1.11.	Painting Group Master
4.2.	**Transactions**
4.2.1.	Project Assignment
4.2.2.	Drawing List
4.2.3.	Data Sheet Entry
4.2.4.	BOQ
4.2.5.	Price Break Up
4.2.6.	Check Price Break Up
4.2.7.	Approve Price Break Up
4.2.8.	Price Break Up Client Approval
4.2.9.	Painting Schedule
4.2.10.	Painting Schedule Client Approval
4.3.	**Key MIS reports**
4.3.1.	Drawing List Register
4.3.2.	Project Cell Wise
4.3.3.	Project Details
4.3.4.	Price Break Up Register
4.3.5.	Project Review Status Month Wise
4.3.6.	Data Sheet Entry Register
4.3.7.	Dispatch Pending Register
4.3.8.	Painting Schedule Register
5.	**Project Tracking Module**
	Every order can be considered as a 'project' in DNS ERP.
5.1.	**Masters**
5.1.1.	Project name Master
5.1.2.	Drawing Master
5.2.	**Transactions**
5.2.1.	Key transactions are captured and stored with the sales order number (Order Receipt Information – ORI).

5.2.2.	Work order and production entry link to the project.
5.3.	**Key MIS reports**
5.3.1.	Project Work Bench – This will give at a glance activity status of a particular project (Sales order or ORI). Discipline needs to be maintained to enter the ORI in all the respective fields to capture data.
6.	**ETC MODULE**
	The scope of activities in this vertical comprises of manufacturing & erection and commissioning services. DNS ERP enables breakup and planning of individual project activities.
6.1.	**Masters**
6.1.1.	Project Status Master
6.1.2.	Project Activity Master
6.1.3.	Site Engineer Master
6.1.4.	Site Allotment master
6.1.5.	Site Survey Master
6.1.6.	Letter of Intent Specific Condition Master
6.1.7.	Letter of Intent Payment Terms Master
6.1.8.	Letter of Intent Complete Schedule Master
6.1.9.	Commissioning Site Master
6.1.10.	Site Survey Report
6.1.11.	Weight Master
6.2.	**Transactions**
6.2.1.	Weight Schedule
6.2.2.	Expense Voucher ETC
6.2.3.	Time In
6.2.4.	Movement Order for Site Engineer
6.2.5.	Project Activity Sheet
6.2.6.	Pre Commission Protocol
6.2.7.	Supervision Site
6.2.8.	Weekly Progress Report
6.2.9.	Commercial Invoice ETC
6.2.10.	Proforma Invoice ETC
6.2.11.	Letter Of Intent
6.2.12.	Check Weight Schedule
6.2.13.	Approve Weight Schedule
6.2.14.	Weight Schedule Client Approval
6.2.15.	Contractor Billing
6.2.16.	ETC TimeIn 1st Approval
6.2.17.	ETC TimeIn 2nd Approval
6.3.	**Key MIS Reports**
6.3.1.	Site Personnel Register
6.3.2.	List of Jobs Register
6.3.3.	Time In Register
6.3.4.	Project Activity Sheet Register

6.3.5.	Day-wise Project Status Register	
6.3.6.	Supervision Site Register	
6.3.7.	Letter of Intent Register	
6.3.8.	Proforma Invoice ETC Register	
6.3.9.	Commercial Invoice ETC Register	
6.3.10.	Movement Order For Site Engineer	
6.3.11.	Pre Commission Protocol Register	
6.3.12.	ETC Expense Voucher Register	
6.3.13.	Contractor Billing Register	
6.4.	**DNS Features**	
6.4.1.	Planning and Monitoring of project at each stage of Erection and Commissioning services is a vital requirement.	
6.4.2.	Get real time information about the On-Site inventories and expenses for specific projects. DNS ERP help to control it effectively.	
6.4.3.	Control on deliveries of bought out material and Labour enables execution of the project on schedule.	
6.4.4.	Day to day monitoring of revenue and expenses against the targets or budgets for each project is vital for this business vertical.	
6.4.5.	Project wise Inventories, Expenses, and Profit & Loss monitoring	
7.	**Resource Matrix Module**	
7.1.	**Master**	
7.1.1.	Location Master	
7.1.2.	Percentage Master	
7.1.3.	Task Master	
7.2.	**Transaction**	
7.2.1.	Daily Time Card entry	
7.2.2.	Organization MIS	
7.2.3.	Task Assignment	
7.2.4.	Task Entry	
7.2.5.	Task Report	
7.3.	**Reports**	
7.3.1.	Daily Time Card entry	
7.4.	**DNS features**	
7.4.1.	Activity or Task Tracking of individual in the organization – for example draftsman hours salesman hours	
7.4.2.	Can be also linked to enquiry or quotation (pre-sales) time spent by staff	
7.4.3.	Department wise, controlling and monitoring indirect time (hours) spent by staff	
8.	**Helpdesk Module**	
8.1.	**Master**	
8.1.1.	Department Master	
8.1.2.	Manage Client Master	

10.1.1.	Vehicle type master
10.1.2.	Vehicle master
10.1.3.	Driver master
10.1.4.	Location master
10.2	**Transactions**
10.2.1.	Vehicle requisition slip
10.2.2.	Vehicle requisition approval
10.2.3.	Vehicle issue slip
10.2.4.	Vehicle return
10.3.	**Reports**
10.3.1.	Vehicle list
10.3.2.	Driver list
10.3.3.	Vehicle requisition register
10.3.4.	Vehicle issue register
10.3.5.	Trip register
10.3.6.	Petrol pump balance report
10.3.7.	Fuel expense register

11.	**e-Business**
	This module does not include website creating and design.
11.1.	DNS ERP Database contains various information such as 'Product List' or 'Price List'. This can be now uploaded to a **website**.
11.2.	User can restrict some web pages for internal use (Extranet / Intranet). Show stock position online, etc.
11.3.	E-Catalogue. The rapid development of B2B and B2C e-Business shows that the internet is not just a new place to do business but constitutes a completely new method for commerce. E-Business is the most significant area of the new 'Digital Economy'. Once you have DNS ERP database in place, the same can be then published to the World Wide Web. For instance, we can prepare an active website.
11.4.	For example, channel partners (dealer) FG item master can be synchronized with the FG being shown on the e-commerce website for the shopping cart or while booking sales order (with option of showing stock).

12.	**User Defined Reports**
	DNS Features
12.1.	User can design unlimited Reports as per his formats in the DNS ERP system
12.2.	As the User Defined Reports are made in Crystal Reports, the reports are crisp and professional in nature as if designed by experts.
12.3.	The file can be sent through mail
12.4.	Has feature to be converted into Excel/Word/PDF.
12.5.	If you do not have time to format the look and feel, It has host of pre-defined templates you can choose from.

12.6.	Has feature of placing different types of charts beside your data.
12.7.	User can paste images
12.8.	Set your own filters
12.9.	Published Reports uneditable except by authorized users, hence end users can view & take printouts but cannot change design.
12.10.	You can create zoom in feature by hyper linking other reports.
13.	**Production Planning & Control for Foundry**
13.1.	**Master**
13.1.1	Furnace Master - Master to update Furnace data
13.1.2	Box Master – Master to update Box sizes
13.1.3	Grade Master
13.1.4	Moulding Process Master
13.1.5	Laddle Size Master
13.1.6	Heat Treatment Type
13.2.	**Transactions**
13.2.1	Production Planning for Core, Mould, Pour
13.2.2.	Transaction for Production Planning in relation to Grade, Box & Furnace
13.2.3	Feasibility Report for Enquiry
13.2.4	Routing concept for Production based on Grade
13.2.5	Delivery Commitment based on Process required and Process taken Time
13.2.6	Specific Customer requirement in Sales Order which impacts Planning
13.2.7	Major Testing viz. Ultrasonic Test, Radiographic Test, etc.
13.2.8	Heat Treatment Planning based on Furnace capacity
13.2.9	Pattern Worksheet
13.2.10	Knockout Entry
13.2.11	Non-Compliance Report (NCR)
13.2.12	Method Card
13.2.13	Heat Treatment Planning
13.2.14	Heat Treatment Entry
13.3.	**Key MIS reports**
13.3.1	Boxes & Furnace Availability
13.3.2	Grade wise Pour Planning Register
13.3.3	Core Planning Register
13.3.4	Mould Planning Register
13.3.5	Pour Planning Register
13.3.6	Core Production Register
13.3.7	Mould Production Register
13.3.8	Pour Production Register
13.3.9	Plan Report
13.3.10	Weekly Pouring Plan
13.3.11	Order Workbench
13.3.12	Pattern Worksheet Register
13.3.13	Core, Mould Plan Register

13.3.14	Pour Plan Register
13.3.15	Pour, Mould, Core Production Register
13.3.16	Process wise Production Report
13.3.17	Electricity Consumption Report
13.3.18	Pending Plan Register
13.3.19	Heat Treatment Register
13.3.20	Knockout Register
13.4	**Features**
13.4.1	Enables to plan loading in furnace based on planned No. of boxes
13.4.2	Enables to plan core per box
13.4.3	Feature contains Grade management based on order
13.4.4	Balance availability of Box for loading