

CARBON SHELF

Cloud ERP Service to Record, Track, Analyse and Enhance your Enterprise





WHAT IS CARBON SHELF?

ERP AS SERVICE

- A modern software as service for enterprises
- Flexible enough to be usable by a variety of Enterprises, Business Models and Industries
- User friendly and intuitive - focused on business process as opposed to data modelling by experts
- Captures data during routine activity instead of after-the-fact
- Eliminates dependency on domain experts to generate sophisticated business reports critical for day-to-day operations.
- Data fed by operators is used in
 - Financial Accounts
 - Inventory
 - Transformations
 - Documentation
 - Regulatory and Compliance

CLOUD SERVICE

- Built from scratch by folks who have built Distributed Systems like Hotmail and Office 365
- Hosted by the leaders providing cloud services - **Amazon Web Services**
- Available – access your data at any time, from anywhere on any device. It just works!
- Scalable – optimal performance regardless of number of users or amount of data on the server.
- Redundant – hosted at multiple regions for best response times
- Reliable – multiple copies of data stored in cloud
- Robust – Powerful, database driven software built on proven infrastructure



FEATURE AND FUNCTION

ORDER PROCESSING

- Record Purchase Orders, Sales Orders
- Add details like
 - Delivery Terms, Payment Terms
 - Product and Packaging
 - Packs and Quantity
 - Rates and Amounts
 - Taxes, Duties, other charges
 - Negotiated Transporters to transport cargo in order
- Configurable forms – show / hide fields based on your usage scenarios

CONSIGNMENTS

- Record Incoming and Outgoing consignments
- Link Consignment to Orders for better control
- Add details like
 - Vehicle details at each premise
 - Weights – Gross, Tare, Net
 - Timings – Incoming, Outgoing, ETA
 - Cargo / Payload
 - batch numbers, net weight, cost
 - Cross validation to allow only the products that is booked in orders, and up to quantity in order.
 - Logistics
 - Transporter, Vehicle, Driver
 - Enclosure type, number, seal number
 - Freight terms and details
 - Exports related details and licenses
- Generate Documents related to consignment with click of a button
 - For example - Packing list, invoice, certificate of origin
 - More / custom documents can be added easily

DOCUMENTATION

- Domestic, Exports
 - Invoice
 - Packing List
 - Certificate of Origin
 - Custom
- Configurable
 - Add one or more product codes like HSN, EAN or any other relevant to your industry
 - GST compliant Invoices – as required by standards
 - per-product GST tax information
 - Summary by
 - Licenses, Registrations, Claims
- Export to Pdf, easily share on email, whatsapp
- Adaptable
 - Define new documents or customize existing ones easily

TRANSPORTATION

- Simplified E-Way Bill generation
 - Generate e-way bill with just a few clicks of button
 - Stop re-feeding your invoice data on e-way bill website to generate e-way-bill
 - Save time, and get accurate way-bill
- Capture Different Carrier Stages
 - Pre-Carrier
 - Carrier
 - On-Carrier
- Capture Multiple Stations
 - Point of Origin
 - Port of Loading
 - Port of Discharge
 - Final Destination
- Add more station types as needed

TRANSPORT – 2PL, 3PL

- Transport Consignment details at each Carrier Stage and at each Station
 - Enclosure type (container, for example), Enclosure Number
 - Seal Number
 - Vehicle Type (Truck, Trailer, etc.) and Vehicle Number
- Transporter
 - Record Pre-Negotiated Transporters per Order
 - Record Transporter per Carrier Stage and per Station in Consignment
 - Maintain accounts for Transporter
 - Advance payment
 - Shortage
 - Penalty
 - Demurrage

TRANSPORT

- Vehicle Records
 - Add and maintain different types of vehicles
 - Registration number and license plate expiration
- Driver Records
 - Store driver's personal details for security
 - Adhar
 - PAN

TRANSFORMATIONS

- Record shop-floor processes
 - Raw material to finished good conversion
 - Record Waste and Scrap
- Start and end times for historical tracking
- Add batch number to each transformation process
- Q/A data from online and offline sampling
 - Get statistical data in real time like mean, standard deviation, variance
- Reports
 - View Trends in quality for multiple transformations over time
 - Production efficiency

ACCOUNTS

- Track receivable and payables for customers, vendors and transporters
- Record Payments and Deposits
- Generate Debit/Credit notes
- Double Entry Accounting System (available in experimental mode)
 - No need to maintain separate accounting software.
 - Create all your groups and ledgers
 - Add entries from anywhere, track financial information in real time
 - Get complete view of business with balance-sheet, trial-balance generated on the fly
- Multi currency
 - Assign currency to your customers, generate invoices for them in their currency

INVENTORY

- Track inventory for each product and packaging
- Inventory updated automatically
 - Consignments – accepted, dispatched
 - Transformations – raw material used, finished goods produced
- Inventory data available per premise/warehouse
- Batch Numbering
 - Add batch number to accepted goods
 - Add batch number to produced inventory
 - Record batch number in dispatches.

CATALOGUES

- Add structure to your unstructured and dynamic data
- Use to prepare data like following, on the fly
 - Price List
 - HSN Code and GST tax map
 - MEIS code to rebate percentage map
- Once defined, catalogues available magically in application forms wherever relevant

DASHBOARDS AND REPORTS

- Real Time dashboard upon login
 - Notifications – Action items due
 - Counts information - # of Open Orders, Consignments received, etc.
 - Recent Business – orders opened, products sold
 - Top Reports – top product in last X weeks, top customer in last X weeks, etc.
 - Trends – sale vs purchase, orders vs dispatches etc.
- Powerful reporting infrastructure to add new reports quickly
- Interactive charts and reports to give you flexibility and insight
 - review long term and short term trends
 - Drill down



SETUP AND CONFIGURATION

PRODUCT

- Multiple Specifications
 - Unit and constraints on specifications
 - Min, Max, Equal, Range, Present/Absent,
- Multiple Packaging with gross and net weight of product in pack
- Multiple Units of Measurement (coming soon)
 - Per product and per packaging
 - Automatic conversion
- Configure product code types and assign multiple product codes
 - HSN, EAN, SKU, VendorProductId, etc.
- Product specific taxes – GST, etc.

COMPANIES

- Assign roles to customer
 - Vendor, Customer, Transporter
- Store Licenses, Registrations, Bank Account Information for easy reference
- Add multiple office locations and premises like warehouse. Use premises in orders, consignments, documents.
- Authorize products you will buy from and/or sell to a company and their premise
- Contact information, logo to create visual distinction between companies
- Tailor documents to your stationary, configure fields to your requirements

LICENSES AND REGISTRATIONS

- Create different types of licenses you want to track. For example
 - CIN, PAN, GSTIN
 - IEC, FSSAI
 - EPCG
 - Etc.
- Configure
 - Claimable in exports or in your specific industry
 - Which licenses to show up in documents like invoices, packing list
- Assign / record licenses for your customers, vendors
 - Track expiration date

TAXES AND DUTIES

- Create different types of Taxes, Duties, Charges
 - GST, Cess
 - TDS
 - Loading, Labour
 - Freight, Shortage, Demurrage
 - Etc.
- Configure taxes and see them populated automatically in forms
 - Scope – Product / Order
 - Valuation – Amount (%) / Quantity (Measurement) / Absolute
 - Enforcement – Mandatory / Optional
 - Regional – define your regions and assign taxes to region. For example
 - In-State – CGST, SGST; Out-of-State – IGST; Nationwide – Cess
 - Domestic, Exports, etc.



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FREEDOM OF USE

- Location Agnostic – access from anywhere, anytime
- Device Agnostic – access from your desktop, tablet or smartphone
- Real-time – get reports as actions happen in your enterprise. No need to wait for data-entry into accounting software to know your business
- Ease of use – generate documents with click of a button, get accurate information right from source to your fingertips easily.
- Reduce paperwork – seed data in software, add action related data in software and share reports over email/whatsapp. No more clutter
- Enhance your productivity – eliminate lost opportunity cost, time saved by team can be utilized for business
- Collaborate, share the load – no single point of failure – available to multiple people at the same time to add/update their respective data.

MULTI-USER

- Create multiple user accounts
- assign personal account to each user
 - Track usage by each user (future release)
- Assign roles like Company Admin, Company User, Operator, to users for tighter authorization controls
- Secure, web based authentication

AUTHORIZATION

- User Authorization
 - RBAC – Roles Based Access Control
 - Each role gets access to only the resources approved for them
 - For example, Company Admin can access all areas, Operator can access only forms
- Device Authorization (future release)
 - Register devices like tablets from where you want to enable access.
- Customer and Vendor Authorization
 - Authorize customer and vendors for products you want to deal with them
 - Order and Consignments will respect this authorization
 - Enhances productivity, reduces chances of mistakes and/or mis-management

MULTI-INDUSTRY SUPPORT

- Modular and Extensible Engine ensures we can support multiple industries
- Customize text in software to match your industry jargon and regional trends and languages
- Light up, or Disable features relevant to your industry.
- Proven to work in
 - Plastic Moulding
 - Coal Trading
 - Food Processing
 - Paper, Corrugated Boxes
 - Logistics

MULTI-BUSINESS MODEL

- Built to work anywhere there is storage, transformation and transportation of goods
 - Manufacturing
 - Trading
 - Logistics

HIGHLY CONFIGURABLE

- Products, Product Groups and Packaging
 - Specifications, codes, uom, batch number
- Companies and Premises
 - Customers, Vendors, Transporters, Traders
- Taxes and Duties
- Licenses and registrations
- Accounting
 - Bank Accounts, Currencies
- Documents
 - Licenses and registrations, Product codes, claims, taxes, page margins, column order,
- Business and transaction terms and conditions
 - Delivery terms, Payment terms

USAGE MODELS

- Completely Hosted
 - Use carbon shelf online, without dependencies on any on-prem software
 - Simple and Robust
- On-Prem Plus Hosted (Integrated)
 - Use on-prem software (like SAP) as master for core processes.
 - Augment SAP with automated data import/export to integrate with Carbon Shelf
 - Use Carbon-Shelf for internal processes
 - Note: requires custom development, but possible
- On-Prem and Hosted (Independent)
 - On-prem software fills your enterprise specific requirement not already filled with Carbon Shelf.
 - Not integrated with Carbon Shelf.

EXCITED?

- Connect at info@pinnove.com to know more
- Watch out our space at <http://www.carbonshelf.com>
- We are working hard to make running enterprise easy for you.

Record..Track..Analyse..Enhance!