

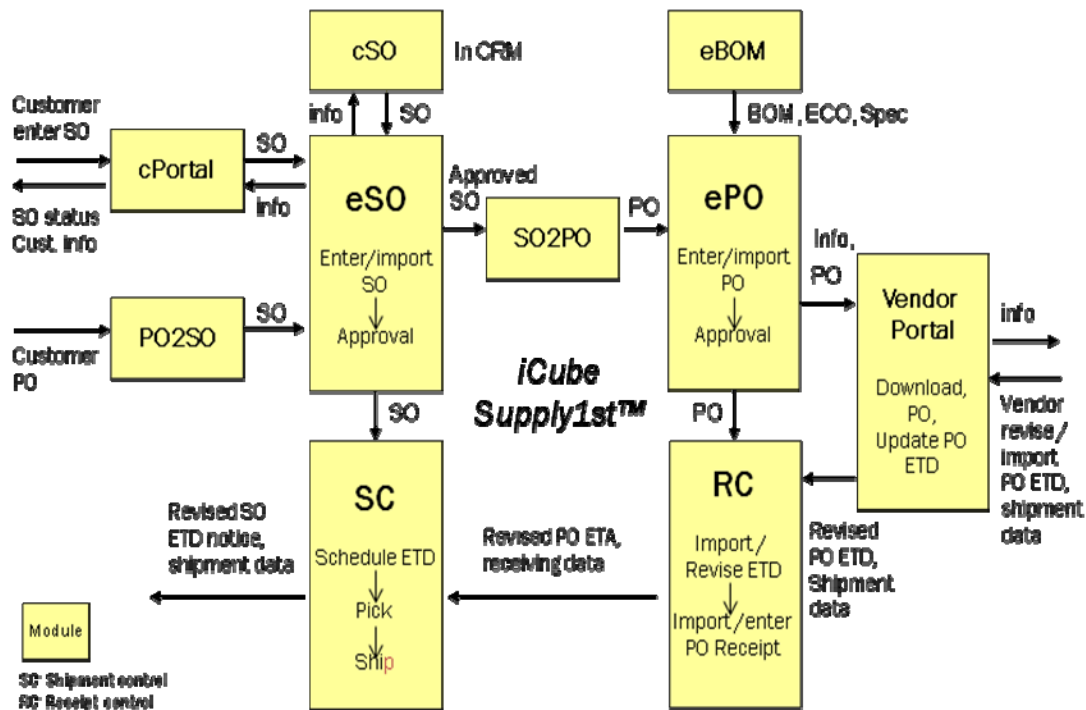


Overview of iCube Supply1st™ 2.3

iCube Supply1st™ is an end-to-end order processing system to streamline and integrate the order and logistic processes between your customers, your departments and your vendors.

It is an external system running outside and integrating with Sage Accpac ERP/Sage Pro ERP through the Sage SDK. It can also be run standalone.

It consists of the following functional modules to enhance the ERP cores, to streamline the intra and intra processing and logistics system, to cut redundancy, to populate data, to bring intelligence and ease-of-use to deliver the ultimate end-to-end forward logistic system in the supply chain.



The workflow ensures the entire processing is to be done at the right process stage, to the right people and at the right time. It forwards control to the next process if the outcome of current process is conforming, and otherwise, it returns to the initiator for correction and resubmission. Auto emails are sent to predefined recipients for status update, exception alerts and notification to process.

All order revisions are assigned with a unique revision number, stored with the complete order detail, note, communication, issues, progress, status and the time and user that conducted the process for easy review and analysis.



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Module listing

1. "eSO" to process sales orders from creation to sales approval and credit approval
2. "cSO" to enter and inquire sales orders and service orders in Sage CRM
3. "Shipment control" to schedule SO ETDs, control what to ship, pick items and ship
4. "Customer Portal" for your customers to enter / inquire sales and service orders on line
5. "ePO" to processes purchase orders from request to creation to approval
6. "Receive Control" to enter / import PO ETDs and do auto PO receipts
7. "eBOM" to process Bill-of-Material and store with ECO and product documents
8. "Vendor Portal" for your vendors to get PO, revise PO ETDs and send shipment data
9. "SO2PO" to auto convert sales orders to purchase orders
10. "PO2SO" to auto convert customer POs to your SOs

iCube Supply1st links with iCube Customer1st for an end-to-end services processing and Sage CRMs to give you the complete forward and backward integrated logistic solution in the supply chain.



Modules description

1. eSO

eSO is a sales order processing system with workflow to process sales orders from creation and revision to sales approval followed by credit approval. Credit approved sales orders will be available to ship in ERP or in “shipment control”.

Create/edit orders

This process is to enter new sales orders or revise existing orders.

Sales approval

This process is to approve or reject or hold sales orders from the sales perspectives such as for pricing, delivery schedule and allocation etc.

Approved orders will be routed to credit approval. Rejected orders will be returned to the originated sales person for correction and resubmission. Held orders will be frozen until they are resumed to continue for processing.

Each order revision will have the complete order detail logged with a unique revision number.

Credit approval

Similar to the sales approval process, this process is to approve, reject or hold sales orders from the accounting perspective such as for payment term and credit amount etc.

Credit approved sales orders are now ready to ship, either in ERP or in “Shipment Control” which adds features to plan and schedule shipments, do allocation for short items and control the picking process only to pick the released items followed by processing shipping.

At the end of each process, auto emails are sent to predefined recipients for status update, exception alerts and notification to process.

2. cSO

cSO adds an interface within Sage CRM to link with eSO to create and edit sales orders and inquire order status.

SO created/edited in cSO will be routed to eSO for sales and credit approval. All rejected SO will be available in CRM for revision and resubmission.

User can view the real-time order status in CRM.



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3. Shipment Control

This is the window based module that takes approved sales orders from eSO, to route through the following processes to plan and control what to ship and to ship them.

“Control”

This process provides an effective methodology to decide what to ship and when. It analyses what are available now in future, what are required to ship with some intelligence to ease your planning SO shipments in ETDs. For short items, it allows you to split an order item to multiple sub-lines with each sub-line represent a ETD for partial shipments. All released sales orders will be forwarded to “pick”.

If any item of a sales orders has been reschedule, an order acknowledgement with revised ETDs is available to be emailed to customers.

“Pick”

All released sales orders to ship are queue up and ready to print picking ticket. Only the released items will be printed in picking ticket.

“Ship”

This process is to

1. enter freight & miscellaneous charge
2. enter / scan tracking number of each package and print packing labels
3. scan serial numbers for serialized items
4. change shipping method.

4. Customer Portal

Customer Portal is for your customers to perform the following self-services online

1. Enter sales order and view order status
2. Request for RMA and view service status (Require iCube Customer1st)
3. View product information, pricing and knowledge base
4. View account status and statistics including credit and payment balance, history of sales orders, services, invoices and payment
5. Update contact information



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5. ePO

ePO is a purchase order processing system to process purchase orders and purchase requisitions from creation, revision to approval.

It consists of the following processes.

Create/edit PO or PO requisition

This process is to create and revise purchase orders or purchase requisitions.

Approve PO or PO requisition

This process is to approve, reject or hold a purchase orders or purchase requisition. Approved orders will be posted to the ERP system to process which is also available in vPortal for your vendors to process.

Rejected orders will be returned back to originator for correction and resubmission. Each order revision will have the complete order detail logged with a unique revision number. Held orders will be frozen until they are resumed to continue for processing.

Every order and requisition is logged with internal and external communication, notes, history of previous processes with user and time stamp.

At the end of each process, auto emails are sent to predefined recipients for status update, exception alerts and notification to process.

6. Receiving Control

Receiving control allows your buyers/material planners to revise ETAs of PO items and to enter the PO receipt or convert from the final version of PO ETA reflecting the vendor shipment schedule.

Similar to the "Shipment Update", a PO line can be split to multiple sub-lines with each sub-line to reflect one ETA of that line item. Each sub-line will have a log for the original ETA, the current ETA and the revised ETA. Revisions of PO ETA will affect SO ETDs. Once a PO ETA is revised, auto emails will be sent to recipients and the shipping controller needs to plan and reschedule SO ETDs for the affected items.

When the vendor finally made the shipment, the shipped items and quantities will be what the PO to be received (assume no lost in transit and no damage). This vendor shipment schedule will be converted to PO receipt.

If vPortal is deployed, the revised ETA and vendor shipments will be initialized to the PO revision and receiving entries, that user can make adjustment or accept.



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7. eBOM

eBOM is a workflow based bill-of-material processing system to route BOMs from creation to approval.

On top of the standard BOM data to build the finished goods such as the manufacturing processes, the components and their used quantities, eBOM also logs the communication, notes, history of users and time involved in the BOM creation and revisions, email distribution list, related ECOs (Engineering changes orders), documents in text, PDF, image, audio and video formats for procedures, instructions, ECOs, manuals, drawings, schematics, source codes, net lists, Gerber files, service packs and facility layout, ISO documents and so on.

Every BOM revision is logged with the complete order detail identified with a unique revision number. Creation and revisions of BOMs will have email notification to recipients defined in the distribution list.

Create BOM

This is the process to create a new BOM.

Edit BOM

This process is to edit a BOM before it is submit to approve. This process allows users to use eBOM as an editor, to draft and finalize the BOM for approval

Approve BOM

This process is to approve or reject a BOM. Approved BOMs will be posted to ERP with email notification to recipients defined in a distribution list. Rejected BOMs will be returned to the originator for correction and resubmission.

8. vPortal

Vendor Portal is the vendor portal to allow your authorized vendors to perform the following self-services online

- a. View purchase order and history
- b. Retrieve purchase orders
- c. Revise PO shipment ETA
- d. Generate shipment notice

The revise ETA and generate shipment notice is similar to the "Receiving control" but it is entered or imported by the vendor. The updated PO ETA and shipment notice will update the "receiving control" data that indirectly trigger the shipment control to revise SO ETDs.



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9. SO2PO

SO2PO auto creates one or more purchase orders to fulfill the requirement of a sales order. The purchase order(s) can be auto or manual approved before they are emailed to vendors and to post to vPortal.

10. PO2SO

PO2SO imports your customer's purchase orders to auto create your sales orders, with one sales order per purchase order.