Enhanced XA Development

with

Enterprise Integrator

and

System Link

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The MAPICS Experts

Enterprise Integrator + System Link

- Included in Flex

- Development tools

- Deliver creative solutions to meet your unique requirements
  - New functions, integration, automation

Enterprise Integrator + System Link

- EI Business objects – XA and User Defined, business logic, custom transactions

- Publish and subscribe

- System-Link provides off-line load capabilities

Requirement-Drop Ship Cust. Orders

- Does not make sense to stock all items
- High costs to manage low volume items

Replace this:

- Identify demand
- Create PO
- Receive items
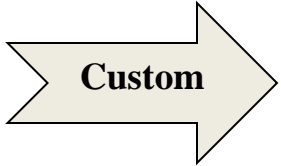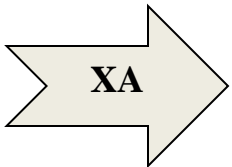- Stock items
- Pick items
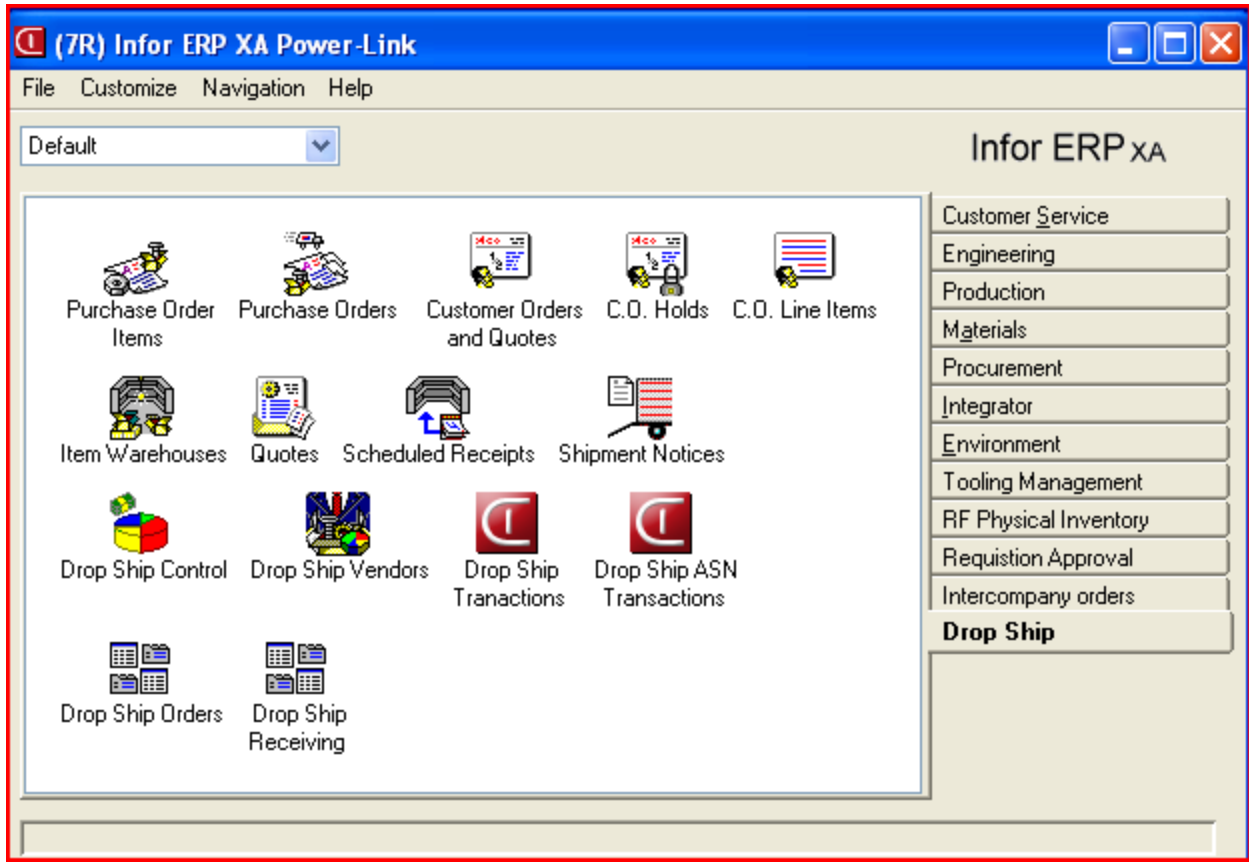- Ship items
- Invoice

With This:

-Create Customer Order

- Invoice

Approach- Drop Ship CO's

- Flag 'drop ship' items with code in item master
- At end of order entry, identify those items
- Identify Vendor and price from Purchasing files
- Use System Link to create PO
  - Pass customer information to PO
- Vendor notifies when shipment occurs
  - Action to 'receive' enables 3 way match
  - Trigger to invoice

Development-Drop Ship CO's

XA

Custom

Presentation

Development-Drop Ship CO's

Vendor related information

Development-Drop Ship CO's

CO PO workbench with error transaction object

Development-Drop Ship CO's

Receive, Pick, Ship, Financials, Error Txns

Development-Drop Ship CO's

Transaction object with Template

Requirement-Intercompany Orders

- Company has multiple locations

- Some plants use parts produced by other plants

- Some plants use XA….some do not

- Need an easy way for using plants to create/maintain PO's and supplying plant to create/maintain CO's.

- Need to make sure lead times are acceptable

Approach(es)-Intercompany Orders

Plants that use XA

- Using plant creates PO in Procurement Mgmt
  - Automatically create a CO for supplying plant
- Using plant adds line item to PO
  - Checks to ensure acceptable lead time
  - Adds CO line item for supplying plant
- Maintain PO allowed only if outside 2 weeks. create/maintain PO's and supplying plant to create/maintain CO's.

Approach(es)-Intercompany Orders

Plants that don't use XA

- Web access using Catavolt Extender Application

- Login to XA, initiate electronic requisition approval process (CISTECH solution)

- Approval of requisition creates PO
  - Checks to ensure acceptable lead time
  - Adds CO and CO line item for supplying plant

Approach(es)-Intercompany Orders

Solution

- When PO is created or maintained, System-Link will load the Customer Order, linking by user sequence and User defined fields

- Vendor Customer cross reference table for related information

Workbench for working with transactions

Development-Intercompany Orders

Special template to default values and identify as an intercompany order

Development-Intercompany Orders
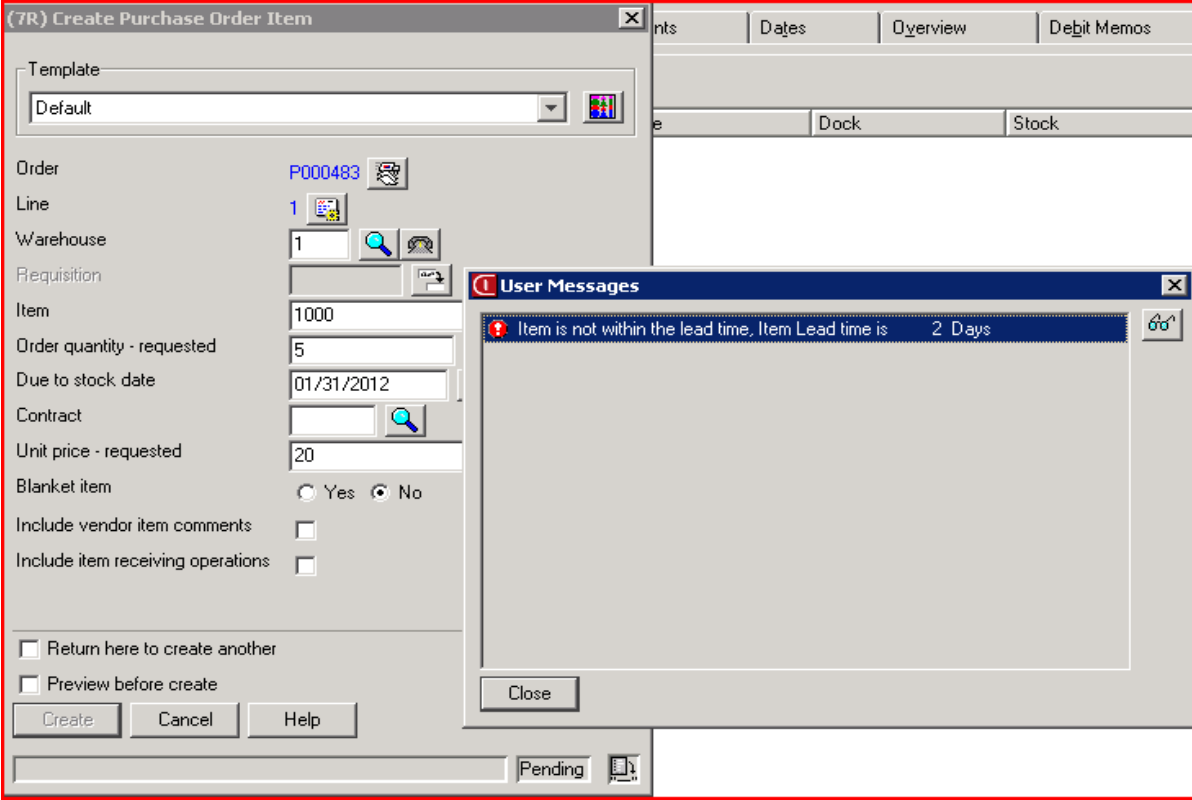
Custom edits to check dates against lead time

Development-Intercompany Orders
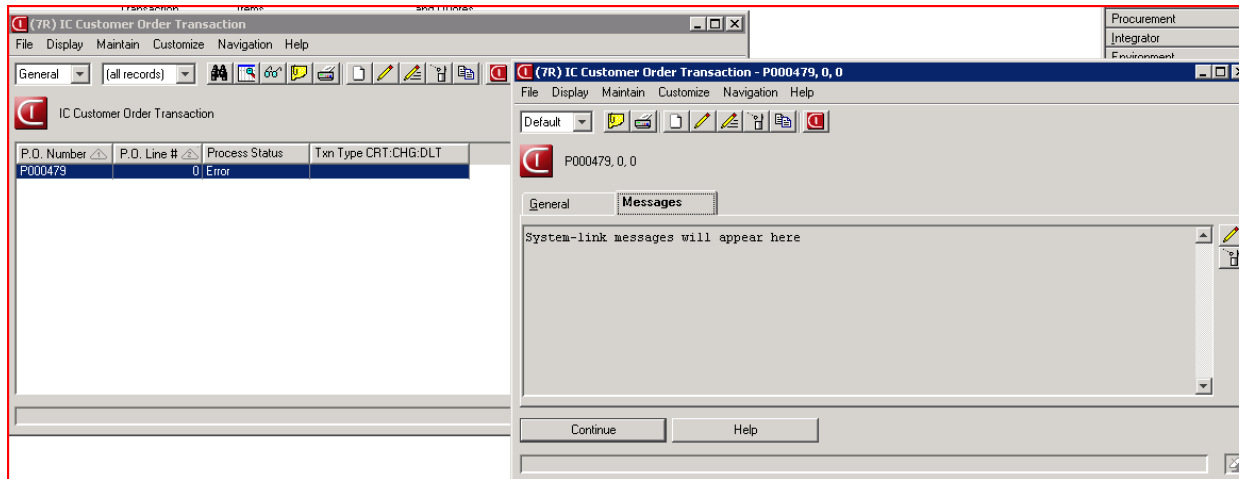
Review errors and Reprocess from this object

Requirement-Better Supplier Comm.

- PO's are sent, need to confirm supplier can meet delivery date or propose an alternative

- XA needs to reflect actual status

- Minimize maintenance

Approach-Better Supplier Comm.

- Supplier accesses web application using Catavolt XA Extender

- Presented with PO information

- Accept PO
  - Creates VA transaction

- Propose change: ½ of order will ship one week late
  - Reduce quantity of initial PO Line item
  - Create second PO line item with new date/quantity

Development-Better Supplier Comm.

Open Orders ☒

Welcome to your Supplier Account Center Trailer Sales of Woodstock ⊘

Current Orders General ▾

Order 1 ▼	Rel 2 ▲	Customer Item	Supplier Item	Description	Price	Quantity	UM	Confirm By	Dock Due Date	Proposed Quantity	Proposed Dock Date	Proposed Split Qty	Proposed Split Dock	Status
P001068	0	BUMPER	BUMP009-459	Front Bumper - Chrome	185.00	10.00	EA	8/13/2012	8/20/2012	8	10/5/2012	2	11/16/201	Proposed
P001068	0	REAR LIGHT	589-R5D-0031	Light - Red - Stop Tail &	22.50	11.00	EA	8/13/2012	8/20/2012	0		0		Short Shipped
P001068	0	REAR LIGHT	589-R5D-0031	Light - Red - Stop Tail &	22.50	9.00	EA	8/13/2012	8/20/2012	0	8/22/2012	0		Backorder Proposal
P001067	1	X-MEM 001	XMEM09876-AVC	Crossmember 4in 80ksi	15.00	77.00	EA	8/9/2012	9/17/2012	0		0		Supplier Accept
P001067	2	X-MEM 001	XMEM09876-AVC	Crossmember 4in 80ksi	15.00	23.00	EA	8/9/2012	8/9/2012	0		0		Supplier Accept
P001065	0	X-MEM 001	XMEM09876-AVC	Crossmember 4in 80ksi	15.00	100.00	EA	8/13/2012	8/20/2012	0		0		Customer Review
P001064	0	SIDE LIGHT	589-Y5D-0032	Light - Amber LED	20.00	200.00	EA	8/15/2012	8/22/2012	0		0		Supplier Accept

Supplier has proposed new Dock Date and split Qty

Development-Better Supplier Comm.

Select Scheduled Receipt to process and click the Accept Supplier Proposal Action. SL does the rest.

Development-Better Supplier Comm.
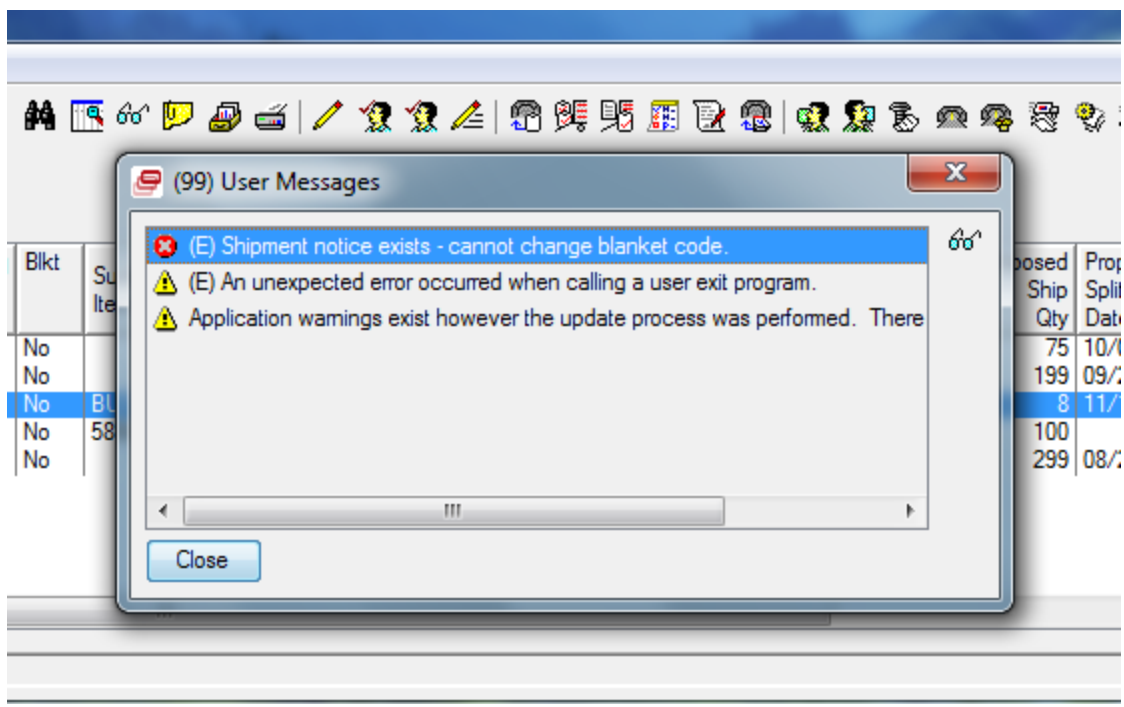
Handle error messages returned by System-Link

Requirement- Automated Cust Orders

- Creation and maintenance of customer orders from large customer is time consuming

- Order information is available from their web site

- Automatically create and maintain customer orders in XA

- Minimize manual intervention

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Approach- Automated Cust Orders

- Extract orders into CSV file

- Automatically create CO's for new orders

- Automatically update existing CO's if date or quantities change

  - delete all lines and reload with the new demand

Enterprise Integrator + System Link

- Future of XA Development

- Catavolt Extender adds to your toolkit

- What are you waiting for?
  - CISTECH can provide education or support pilot projects