

Bar-Code Replenishment System Overview



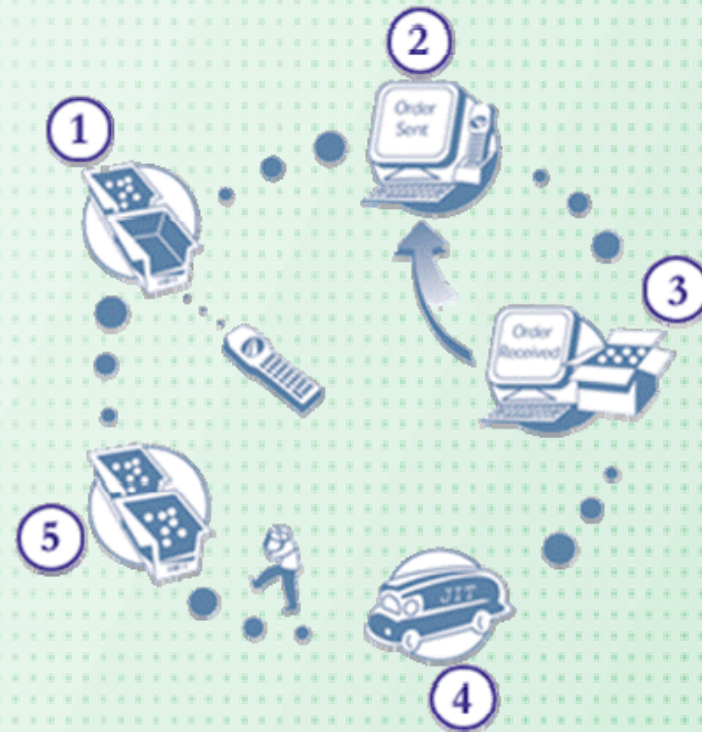
Common Applications

- **Vendor managed inventory (VMI)** - iZap offers suppliers the tools to automate vendor managed inventory programs
- **Breadman delivery route automation** - iZap offers your sales staff and route drivers the tools to automate and execute inventory replenishment orders
- **Automated remote order entry** - iZap enables customers to electronically transmit orders directly to your business system eliminating the need for manual order entry
- **Bin management** - iZap provides suppliers with tools to automate and enhance bin management programs
- **Kanban implementations** – iZap works well in lean manufacturing environments implementing ‘pull’ based inventory management
- **Consignment inventory** – iZap provides support for consigned inventory replenishment and processing



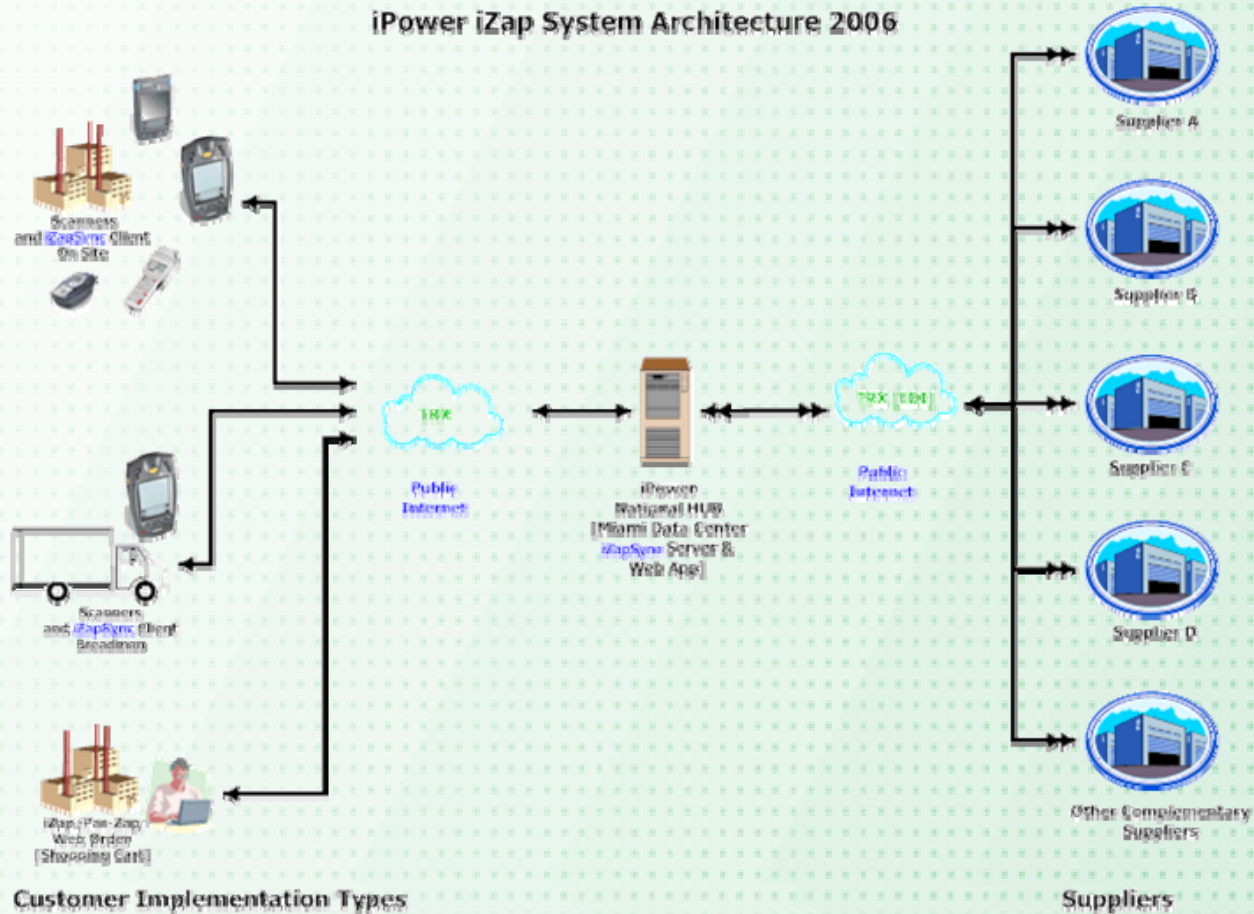
Process Flow

1. Customer or Breadman scans barcodes
2. Transmit orders to iZap server
3. Supplier or Service Center electronically receives the order
4. Pick, pack, and ship product
5. Buyer receives needed products



System Architecture

iPower iZap System Architecture 2006



Features & Functionality

Quick Implementation

- iZap's web based platform allows for rapid implementations that have you scanning orders in only a few days

Web-based Platform (SAAS – Software As A Service)

- All data (customer set-up, distributor set-up, items, orders, users) is available online through a standard web browser
- Data access is secured with user based security that can be configured for both supplier and customer users

Flexible Implementation Options

- Support for multiple customers on the same scanner
- Multiple suppliers can receive orders for a single customer (allowing for mini-integrated supply implementations)
- Optional support for consolidated invoicing



iZap Basic Data Collection Application



Features & Functionality

Order Processing Features

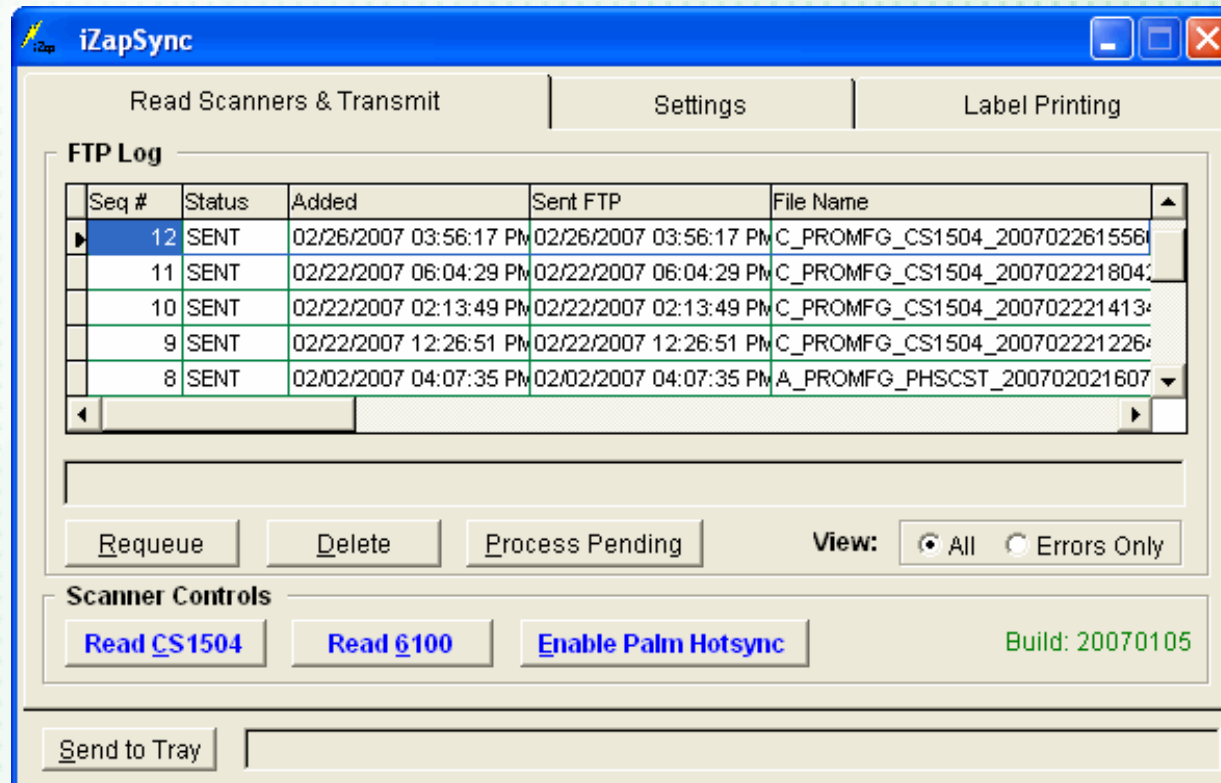
- Web based shopping cart ordering for customer catalog items supplements scanner based ordering
- Web based order inquiry including order acknowledgement status
- Item on order warning optional parameter
- 'Order On Hold' feature allows for customer approval process
- Web based order search capability

Order Generation

- Orders can be generated based on transmitted quantity or default reorder quantity
- Flexible PO numbering logic includes: auto-increment, blanket with release, site based, supplier blanket with release, item specific blanket with release
- Supports multiple stocking locations
- Orders can be transmitted via EDI, email, FTP, fax or web-based print out
- We offer import formats for most major distribution and ERP systems including P21, Tribute, DISC, JD Edwards, and other flat file formats



iZapSync Client Software



iZapSync

Read Scanners & Transmit | Settings | Label Printing

FTP Log

Seq #	Status	Added	Sent FTP	File Name
12	SENT	02/26/2007 03:56:17 PM	02/26/2007 03:56:17 PM	C_PROMFG_CS1504_200702261556
11	SENT	02/22/2007 06:04:29 PM	02/22/2007 06:04:29 PM	C_PROMFG_CS1504_200702221804
10	SENT	02/22/2007 02:13:49 PM	02/22/2007 02:13:49 PM	C_PROMFG_CS1504_200702221413
9	SENT	02/22/2007 12:26:51 PM	02/22/2007 12:26:51 PM	C_PROMFG_CS1504_200702221226
8	SENT	02/02/2007 04:07:35 PM	02/02/2007 04:07:35 PM	A_PROMFG_PHSCST_200702021607

Requeue | Delete | Process Pending | View: All Errors Only

Scanner Controls

Read CS1504 | Read 6100 | Enable Palm Hotsync | Build: 20070105

Send to Tray

Features & Functionality

Order Confirmations

- Customers can receive an order confirmation via email or auto fax
- Web based order confirmation inquiry for supplier or customer users
- Customer can electronically import iZap created order into their business system in order to log receipts and pay supplier invoices

Item Maintenance

- Items can be uploaded to the website in Excel or DBF format – this is used for initial data load and on-going item changes, deletions and additions
- Item additions/deletions/changes can be done via the website
- Complete item database can be downloaded from website
- Complete item search capabilities

Supplier & Customer Web Site Branding

- iZap can be branded with your company logo, colors, slogan, etc. for a customized look
- Customer view of the web application is also brandable



Email Confirmation Sample

Customer Order Confirmation - Order #: 99078-000015 11/3/2006 6:59:05 AM - Message (HTML)

From: zorders@ipowerdg.com Sent: Fri 11/3/2006 6:59 AM
 To: bchesley@ipowerdg.com
 Cc:
 Subject: Customer Order Confirmation - Order #: 99078-000015 11/3/2006 6:59:05 AM
 Attachments: XPOH4BDQ.XLS (73 KB)

Purchase Order		Customer/Ship-To		Supplier	
PO #: 99078 Release: 000015 Terminal ID: PROMFG Date Processed: 11/03/2006		*Pro Manufacturing LLC 120 Sleeter Street Dover NH 03865 US Contact: Steve Case Contact #:		*Professional Supply, Inc. One Pro Lane Kittery ME 23222 US	

Line	Part	Description	Location	Qty	Date Req	Unit Price	Ext Price
000001	13287-07	MS1-12 EX0-R AMPLIFIER-RELAY 120VAC FM (TURCK	07-G-01	33	11/06/2006	2.00000	66.00
000002	13278-07	27390 12 PIN SOCKET (STRUTHERS-DUNN)	04-F-07	3	11/06/2006	2.00000	6.00
000003	13279-07	2180-40A REPLACEMENT CONTACTOR COIL AGV (CURT	04-F-06	21	11/06/2006	1.00000	21.00
000004	13279-07	2180-40A REPLACEMENT CONTACTOR COIL AGV (CURT	04-F-06	21	11/06/2006	1.00000	21.00
000005	13279-07	2180-40A REPLACEMENT CONTACTOR COIL AGV (CURT	04-F-06	21	11/06/2006	1.00000	21.00
000006	13281-07	FE-MLS4EB-1010 PHOTO ELEC. EYE EMITTER (MS)	04-E-12	1	11/06/2006	2.00000	2.00
000007	13270-07	RPGC0011 ROTARY PULSE GENERATOR FOR COUNTERS	L001	1	11/10/2006	2.25000	2.25
000008	13287-07	MS1-12 EX0-R AMPLIFIER-RELAY 120VAC FM (TURCK	07-G-01	33	11/06/2006	2.00000	66.00
000009	13278-07	27390 12 PIN SOCKET (STRUTHERS-DUNN)	04-F-07	3	11/06/2006	2.00000	6.00
000010	13279-07	2180-40A REPLACEMENT CONTACTOR COIL AGV (CURT	04-F-06	21	11/06/2006	1.00000	21.00
000011	13279-07	2180-40A REPLACEMENT CONTACTOR COIL AGV (CURT	04-F-06	21	11/06/2006	1.00000	21.00
000012	13279-07	2180-40A REPLACEMENT CONTACTOR COIL AGV (CURT	04-F-06	21	11/06/2006	1.00000	21.00
000013	13281-07	FE-MLS4EB-1010 PHOTO ELEC. EYE EMITTER (MS)	04-E-12	1	11/06/2006	2.00000	2.00
000014	13270-07	RPGC0011 ROTARY PULSE GENERATOR FOR COUNTERS	L001	1	11/10/2006	2.25000	2.25
000015	13281-07	FE-MLS4EB-1010 PHOTO ELEC. EYE EMITTER (MS)	04-E-12	1	11/06/2006	2.00000	2.00
000016	13281-07	FE-MLS4EB-1010 PHOTO ELEC. EYE EMITTER (MS)	04-E-12	1	11/06/2006	2.00000	2.00
000017	13270-07	RPGC0011 ROTARY PULSE GENERATOR FOR COUNTERS	L001	1	11/10/2006	2.25000	2.25
000018	13287-07	MS1-12 EX0-R AMPLIFIER-RELAY 120VAC FM (TURCK	07-G-01	33	11/06/2006	2.00000	66.00
000019	13278-07	27390 12 PIN SOCKET (STRUTHERS-DUNN)	04-F-07	3	11/06/2006	2.00000	6.00
000020	13279-07	2180-40A REPLACEMENT CONTACTOR COIL AGV (CURT	04-F-06	21	11/06/2006	1.00000	21.00
000021	13279-07	2180-40A REPLACEMENT CONTACTOR COIL AGV (CURT	04-F-06	21	11/06/2006	1.00000	21.00



Features & Functionality

Multiple Handheld Scanner Options:

- Traditional character-based scanners; Symbol PDT3100 and PDT6100
- Palm Pilot type scanners; Symbol SPT1550 and SPT 1800
- Symbol keychain sized scanner for simple scan & transmit; CS1504

Scanned data is transmitted to the iZap web server:

- Sent via the Internet (ftp)
- Data collection logic – transmit entered order quantity or reorder item ROQ

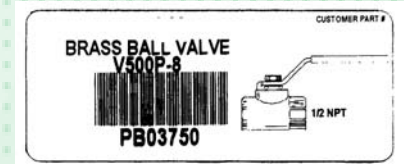
Simple barcode labeling requirements:

- Only one field, a unique (item# + bin location) reference needs to be bar-coded
- Can also utilize existing labels if required
- iPower can design/print labels or assist you in doing it



Implementation Overview

- Identify the items and locations that will be included in the program
- Using an Excel template, upload item database to the iZap transaction platform
- Print and apply the barcode labels
- Set-up trading partner information and order transmission method in iZap
- Start scanning!



Supported Scanners

Symbol CS1504



Symbol STP1800



Symbol SPT1550



Symbol PDT6100



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Benefits

- **Increases sales**
- **Reduces order processing costs**
- **Shortens procurement/replenishment cycle time**
- **Eliminates or minimizes paperwork**
- **Assists in inventory reduction initiatives/Improve inventory control**
- **Eliminates ordering errors**
- **Simplifies bin replenishment and vendor managed inventory programs**





More Information...

For more information contact:

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