



Wichita Warehouse & Parts Bar Coding



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Wichita Parts Bar Coding



Why Bar Coding?

- Manual Checkout/Inventory
 - Check Out Parts 15 minutes
 - Write Down What Part(s)
 - Write Down How Many
 - Write Down Who Wanted the Part(s)
 - Record Transaction in System (5 mins/Part /Person)
 - Inventory Rolling Warehouses (3 hrs/truck)



Wichita Parts Bar Coding



Why Bar Coding?

- Bar Code Checkout/Inventory
 - Check Out Parts 1-2 minutes
 - Scan Part #'s, 'To' & 'From' Warehouses
 - Save
 - Record Transaction in System (5-10 mins)
 - Sync PDA
 - Run Validate
 - Run Process
 - Inventory Rolling Warehouses (1 hr/truck)



Wichita Parts Bar Coding



Bar Code Events

- Four Major Activities
 - Warehouse Transfers
 - Adjust Quantities
 - Stock Counts
 - Receive Inventory



Wichita Parts Bar Coding



Main Screen

The screenshot shows a mobile application interface titled "Wichita Warehouse" with a status bar at the top showing the time as 8:40. The main form is titled "Main Form" and contains the following elements:

- User ID:** A text input field containing the value "kcoons". An orange arrow points from the label "Lucity User ID" to this field.
- Select Event:** A list of four radio button options:
 - Adjust Quantities
 - Warehouse Transfers
 - Stock Counts
 - Receive InventoryOrange arrows point from the label "Event Selection" to each of these four options.
- Start Event:** A large, light blue button with the text "Start Event". An orange arrow points from the label "Start Event" to this button.

At the bottom of the screen is a navigation bar with four icons: a Windows logo, an "Action" button, a keyboard icon, and a "Settings" button. A fifth icon, "OK", is also present. An orange arrow points from the label "Start Event" to the "Action" button.



Wichita Parts Bar Coding



Adjust Quantities

Lucidity User ID

Adjust Qty General Data

Start Adjust Action

A screenshot of a mobile application interface titled "Wichita Warehouse" with a status bar at the top showing signal strength, speaker, and battery icons, and the time "8:55". The main title of the screen is "Adjust Quantity". Below the title are four input fields: "User ID" with the value "kcoons", "Date" with the value "9/6/13", "Reference" which is empty, and "Description" with the value "Bar Code Adjust Quantity". At the bottom of the screen is a navigation bar with four buttons: a Windows logo, "Input Adj...", a keyboard icon, and "OK". Blue arrows from the text labels on the left point to the corresponding fields in the form: "Lucidity User ID" points to the User ID field, "Adjust Qty General Data" points to both the Date and Description fields, and "Start Adjust Action" points to the "Input Adj..." button.



Wichita Parts Bar Coding



Adjust Quantities

Software Input Panel (SIP)

Wichita Warehouse L [Navigation Icons] 8:57

Adjust Quantity

User ID

Date

Reference

Description

123 1 2 3 4 5 6 7 8 9 0 - = [Left Arrow]
Tab q w e r t y u i o p []
CAP a s d f g h j k l ; '
Shift z x c v b n m , . / [Right Arrow]
Ctl áü ` \ [Down Arrow] [Up Arrow] [Left Arrow] [Right Arrow]

[Windows Icon] Input Adj... [Keyboard Icon] [OK]



Wichita Parts Bar Coding



Adjust Quantities

Scanned Data

Hold Over Button

Adjust Qty General Data

Submit Adjust

Wichita Warehouse L [Icons] 8:58

Input Adjustment

Part Code

Location

Adjustment Type

Quantity

Unit Cost

Scan Result

[Windows] ENTER [Keyboard] Reset Page OK

A diagram illustrating the flow of data from a scanned barcode to the 'Input Adjustment' screen. Blue arrows point from the text labels on the left to the corresponding input fields on the right. 'Scanned Data' points to the 'Part Code' field. 'Hold Over Button' points to the 'Adjustment Type' dropdown menu. 'Adjust Qty General Data' points to both the 'Quantity' and 'Unit Cost' fields. 'Submit Adjust' points to the 'ENTER' button at the bottom of the screen.



Wichita Parts Bar Coding



Warehouse Transfers

Lucity User ID

Transfer General Data

Start Transfer Action

The screenshot shows a mobile application interface for 'Warehouse Transfer'. At the top, it displays 'Wichita Warehouse' and the time '8:59'. Below the title, there are four input fields: 'User ID' with the value 'kcoons', 'Date' with the value '9/6/13', 'Reference' which is empty, and 'Description' with the value 'Bar Code Transfer Parts'. At the bottom, there is a navigation bar with three buttons: a Windows logo, 'Input Tra...', and 'OK'. Blue arrows point from the text labels on the left to the corresponding fields and buttons in the screenshot.

Field	Value
User ID	kcoons
Date	9/6/13
Reference	
Description	Bar Code Transfer Parts



Wichita Parts Bar Coding



Warehouse Transfers

Wichita Warehouse L ↻ 🔊 📶 9:01

Input Transfers

Part Code

From Location

To Location

Quantity

Scan Result

ENTER Reset Page OK

Scanned Data →

Quantity to Transfer →

Submit Transfer →



Wichita Parts Bar Coding



Warehouse Bar Code Printout Example

Warehouse Inventory Summary Bar Coding Report

7/20/2010
8:17 AM

Warehouse

Location

Part ID	Description		Parts Bar Code	Location Bar Code
01 1825 S McLean Blvd				
WD 11000	MISC PART NUMBER NOT ASSOCIATED W/PARTICULAR #			
	Current Qunatity in Warehouse:	50.00		
	Average Cost of Part:	\$10.37		
	Unit of Measure:	Each	* 1 8 3 1 0 1 1 0 0 0 *	* 0 1 0 1 0 0 0 0 0 0 0 1 *
WD 13037	3/4 x 1 Plastic IM Adapter			
	Current Qunatity in Warehouse:	0.00		
	Average Cost of Part:	\$7.27		
	Unit of Measure:	Each	* 1 8 3 1 0 1 3 0 3 7 *	* 0 1 0 1 0 0 0 0 0 0 0 1 *
WD 13066	3/4 LF CF 1/8 BEND			
	Current Qunatity in Warehouse:	0.00		
	Average Cost of Part:	\$20.77		
	Unit of Measure:	Ea	* 1 8 3 1 0 1 3 0 6 6 *	* 0 1 0 1 0 0 0 0 0 0 0 1 *
WD 13092	1" ANGLE VALVE FIPT			
	Current Qunatity in Warehouse:	200.00		
	Average Cost of Part:	\$32.69		
	Unit of Measure:	Each	* 1 8 3 1 0 1 3 0 9 2 *	* 0 1 0 1 0 0 0 0 0 0 0 1 *
WD 18063	2" BRASS PLUG IPT			
	Current Qunatity in Warehouse:	0.00		
	Average Cost of Part:	\$2.00		
	Unit of Measure:	Each	* 1 8 3 1 0 1 8 0 6 3 *	* 0 1 0 1 0 0 0 0 0 0 0 1 *
WD 21039	8 TEE ANCH			
	Current Qunatity in Warehouse:	0.00		
	Average Cost of Part:	\$86.56		
	Unit of Measure:	Each	* 1 8 3 1 0 2 1 0 3 9 *	* 0 1 0 1 0 0 0 0 0 0 0 1 *
WDNYR1 WDNorth Yard Row 1				
WD 17040	3 1/2' HYDRANT MJ			
	Current Qunatity in Warehouse:	1.00		
	Average Cost of Part:	\$907.79		
	Unit of Measure:	Ea	* 1 8 3 1 0 1 7 0 4 0 *	* 0 1 0 2 0 1 0 0 0 0 0 0 *
WDNYR2 WDNorth Yard Bin 2				
WD 17041	4' HYDRANT MJ			
	Current Qunatity in Warehouse:	6.00		
	Average Cost of Part:	\$950.01		
	Unit of Measure:	Ea	* 1 8 3 1 0 1 7 0 4 1 *	* 0 1 0 2 0 2 0 0 0 0 0 0 *













* Only accurate for parts using cost averaging, and fixed cost costing methods. Parts with costs in italics are not included in calculations.



Wichita Parts Bar Coding



Rolling Warehouse Bar Codes Example

P. Davis 351	 *011400000001*	M. Robertson 213	 *013900000001*
K. Woodard 356	 *011500000001*	G. Allan 215	 *014000000001*
L. Bailey 386	 *011600000001*	M. Triana 220	 *014100000001*
G. Washington 366	 *011700000001*	T. Armstrong 220	 *014200000001*
R. Jennings 361	 *011800000001*	D. Doyle 222	 *014300000001*
J. Scogin 371	 *011900000001*	G. Mechem 223	 *014400000001*



Wichita Parts Bar Coding



Lucity Transaction Screen Example

Parts - WD Parts

Part ID: WD 12022 8 X 2 SERV SADDLE

Location ID: 01 1825 S McLean Blvd

Warehouse ID: WD Water Distribution- 1825 S McLean Blvd

Order Info | Inventory | Vendors | Part History | Transactions | On Order | Hazard Codes | WO | Custom | Comments

Date	Qty.	Unit Cost	Transaction Type	Reference	Description
06/30/2010	1.00		Adjust Inventory Qty (-)	314/davis	Bar Code Transfer Parts
06/28/2010	1.00		Adjust Inventory Qty (-)	314/	Bar Code Transfer Parts
06/21/2010	1.00	72.7291	Disperse Parts	Disp-WO# 2010-...	Used on Work Order 2010-008171
06/17/2010	1.00		Adjust Inventory Qty (-)	311	Bar Code Transfer Parts
05/18/2010	1.00	72.7291	Disperse Parts	Disp-WO# 2010-...	Used on Work Order 2010-005720
05/17/2010	1.00		Adjust Inventory Qty (-)	312	Bar Code Transfer Parts
05/06/2010	2.00		Adjust Inventory Qty (-)	312	Bar Code Transfer Parts
03/31/2010	18.00		Transfer Parts		
12/14/2009	1.00	72.7291	Disperse Parts	Disp-WO# 2009-...	Used on Work Order 2009-015801
12/11/2009	1.00		Transfer Parts		J DAVIS
11/25/2009	1.00		Adjust Inventory Qty (-)	Inventory Year E...	
11/18/2009	1.00		Transfer Parts		
06/25/2009	1.00	72.7291	Disperse Parts	Disp-WO# 2009-...	Used on Work Order 2009-008420
12/29/2008	1.00		Transfer Parts		

Record 61 of 728 View Mode Ready...



Wichita Parts Bar Coding



Stock Counts

Lucity User ID → User ID

Stock Count General Data → Date

Stock Count General Data → Reference

Stock Count General Data → Description

Start Stock Count Action →

The screenshot shows a mobile application interface for 'Wichita Warehouse'. At the top, there is a status bar with the text 'Wichita Warehouse', a signal strength indicator, a battery icon, and the time '9:04'. Below the status bar is a title bar with 'Stock Counts' in red text. The main content area contains four input fields: 'User ID' with the value 'kcoons', 'Date' with the value '9/6/13', 'Reference' (empty), and 'Description' with the value 'Bar Code Stock Count'. At the bottom of the screen is a navigation bar with four buttons: a Windows logo, 'Input Co...', a keyboard icon, and 'OK'. Blue arrows point from the text labels on the left to the corresponding input fields and buttons in the screenshot.



Wichita Parts Bar Coding



Stock Counts

Bar Coded Data

Stock Count Quantity

Submit Stock Count Data

Wichita Warehouse Op L [Icons] 9:04

Input Counts

Part Code

Location

Quantity

Scan Result

[Windows] Enter [Keyboard] Reset Page OK



Wichita Parts Bar Coding



Stock Count Verify Screen Example

Parts - WD Parts

Part ID: WD 12038 2X 3/4 PVC SADDLE

Location ID: 01 1825 S McLean Blvd

Warehouse ID: WD Water Distribution- 1825 S McLean Blvd

Order Info | Inventory | Vendors | Part History | Transactions | On Order | Hazard Codes | WD | Custom | Comments

Date	Qty.	Unit Cost	Transaction Type	Reference	Description
07/16/2010	2.00		Adjust Inventory Qty (-)	376/peck	Bar Code Transfer Parts
07/16/2010	1.00		Adjust Inventory Qty (-)	386	Bar Code Stock Count
06/11/2010	3.00		Adjust Inventory Qty (-)	386/lyday	Bar Code Transfer Parts
06/11/2010	1.00	7.2199	Disperse Parts	Disp-WO# 2010-...	Used on Work Order 2010-008063
06/11/2010	1.00	7.2199	Disperse Parts	Disp-WO# 2010-...	Used on Work Order 2010-008063
05/24/2010	2.00		Adjust Inventory Qty (-)	376	Bar Code Stock Count
05/19/2010	1.00	7.2199	Adjust Inventory Qty (+)	quarterly	Bar Code Stock Count
03/31/2010	153.00		Transfer Parts		
02/24/2010	2.00		Adjust Inventory Qty (-)	Removed thru Pa...	
01/20/2010	1.00	7.2199	Disperse Parts	Disp-WO# 2010-...	Used on Work Order 2010-001525
01/16/2010	1.00		Transfer Parts		ADAMS
11/25/2009	1.00		Transfer Parts		Inventory Year End Adjustment
11/25/2009	1.00		Transfer Parts		Inventory Year End Adjustment
11/25/2009	1.00		Transfer Parts		Inventory Year End Adjustment

Record 72 of 728 View Mode Ready...



Wichita Parts Bar Coding



Receive Inventory

Lucity User ID → User ID

Scanned Data → PO

Scanned Data → Reference

Receive Inventory General Data → Description

Start Receive Inventory Action →

Field Label	Value
User ID	kcoons
Date	9/6/13
PO	13-000174
Reference	315
Description	Bar Code Receive Inventory



Wichita Parts Bar Coding



Receive Inventory

Scanned Data →

Receive Inventory Specific Data →

Submit Receive Inventory Data →

Wichita Warehouse L [Icons] 9:13

Input Vendor Parts Received

Part Code

Location

Vendor Quantity

Vendor Unit Cost

Scan Result

[Windows] ENTER [Keyboard] Reset Page OK



Wichita Parts Bar Coding



Main Screen – Settings

Settings Button

The screenshot shows a mobile application interface for "Wichita Warehouse". At the top, there is a status bar with the title "Wichita Warehouse", signal strength, Wi-Fi, and battery icons, and the time "8:40". Below this is a red header "Main Form". A text input field labeled "User ID" contains the text "kcoons". Underneath is a section titled "Select Event" with four radio button options: "Adjust Quantities", "Warehouse Transfers", "Stock Counts", and "Receive Inventory". Below the options is a purple button labeled "Start Event". At the bottom of the screen is a navigation bar with five icons: a Windows logo, "Action", a keyboard icon, "Settings", and "OK". An orange arrow points from the text "Settings Button" to the "Settings" icon in the navigation bar.



Wichita Parts Bar Coding



Main Screen – Settings

Settings Button Options



A screenshot of a mobile application interface. At the top, a black status bar displays "Wichita Warehouse", a location pin icon, a signal strength icon, a speaker icon, a battery icon, and the time "10:56". Below this, the screen has a light blue background with the title "Main Form" in red. A "User ID" label is followed by a text input field containing "kcoons". Underneath is a "Select Event" section with a white background and four radio button options: "Adjust Quantities", "Warehouse Transfers", "Stock Counts", and "Receive Inventory". At the bottom right, a settings menu is open, showing three options: "Scanner Settings" (highlighted in blue), "File Settings", and "About". A small purple rectangle is visible to the left of the settings menu. At the very bottom, a dark grey dock contains five circular icons: a Windows logo, "Action", a keyboard icon, "Settings", and "OK".



Wichita Parts Bar Coding



Main Screen – Settings

Settings Button Options



A screenshot of a mobile application interface. At the top, a black status bar displays "Wichita Warehouse", signal strength, Wi-Fi, and battery icons, along with the time "10:56". Below this, the screen has a light blue background. The title "Main Form" is centered at the top in red. A "User ID" label is followed by a text input field containing "kcoons". Below this is a "Select Event" section with a white background and rounded corners, containing four radio button options: "Adjust Quantities", "Warehouse Transfers", "Stock Counts", and "Receive Inventory". At the bottom right, a settings menu is open, showing three options: "Scanner Settings" (highlighted in blue), "File Settings", and "About". At the very bottom, a dark grey navigation bar contains five circular icons: a Windows logo, "Action", a keyboard icon, "Settings", and "OK".

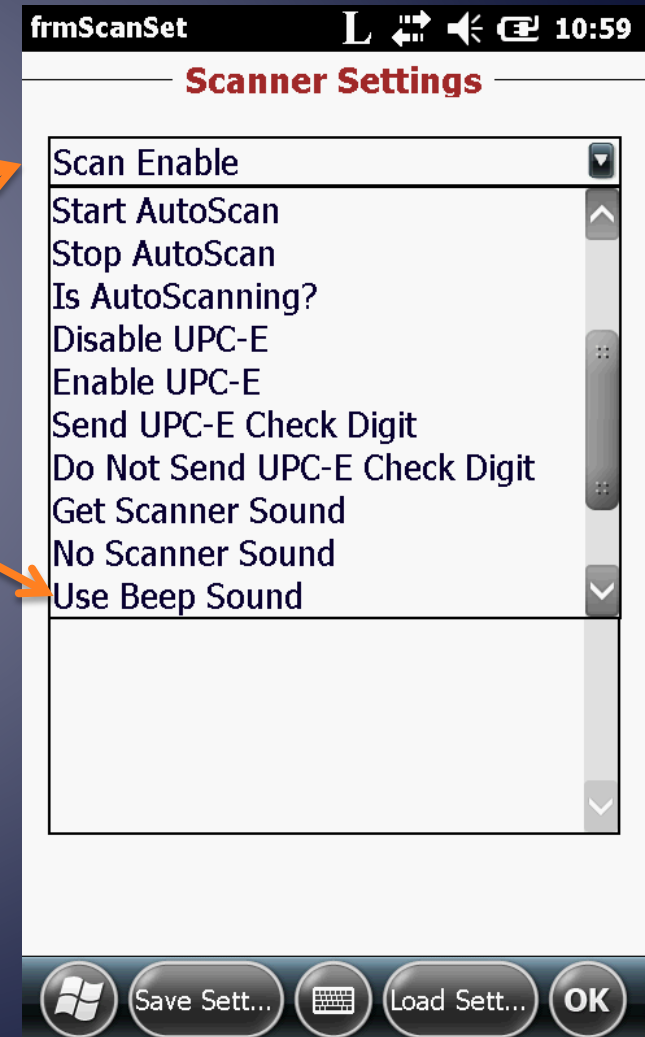


Wichita Parts Bar Coding



Scanner Settings

Scanner Settings Options





Wichita Parts Bar Coding



File Settings

The screenshot shows the 'Settings' screen of the 'frmSet' application. The screen has a black header with the text 'frmSet' on the left and 'L', a back arrow, a speaker icon, a keyboard icon, and the time '11:07' on the right. Below the header, the word 'Settings' is centered in red. The main content area contains four settings, each with a text label and a text input field:

- Prime User ID: kcoons
- Part No. Length: 8
- Location No.: 10
- PO No. Length: 9

At the bottom of the screen is a dark navigation bar with five circular buttons: a Windows logo, 'Save', a keyboard icon, 'Reset', and 'OK'. Orange arrows point from the labels on the left to the corresponding settings and buttons:

- 'User ID' points to the 'Prime User ID' field.
- 'Part No Length' points to the 'Part No. Length' field.
- 'Location No Length' points to the 'Location No.' field.
- 'Purchase Order No Length' points to the 'PO No. Length' field.
- 'Reset Settings' points to the 'Reset' button.
- 'Save Settings' points to the 'Save' button.



Wichita Parts Bar Coding



About

Wichita Warehouse 0 L 11:21

About

**2013 Wichita Warehouse
Operations Bar Code Data**

City of Wichita, Kansas

CIO: Mike Mayta

Manager: Todd Mayer

**Programmed By
Kevin M. Coons, Sr**

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QUESTIONS?



Wichita Warehouse & Parts Bar Coding



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