



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 the 'Main Form' interface for the 'Wichita Warehouse'. The title bar at the top displays 'Wichita Warehouse' and system icons for Wi-Fi, signal, and battery, along with the time '8:40'. The form contains the following elements:

- User ID:** A text input field containing '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', and 'Receive Inventory'. An orange arrow points from the label 'Event Selection' to this list.
- Start Event:** A purple button labeled 'Start Event'. An orange arrow points from the label 'Start Event' to this button.
- Bottom Bar:** A navigation bar with four icons: a Windows logo, 'Action', a keyboard icon, 'Settings', and 'OK'. 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

Wichita Warehouse 8:55

Adjust Quantity

User ID

Date

Reference

Description



Wichita Parts Bar Coding



Adjust Quantities

Software Input Panel (SIP)

A screenshot of a mobile application interface titled 'Wichita Warehouse' with a status bar at the top showing '8:57'. The main heading is 'Adjust Quantity'. Below this are four input fields: 'User ID' with the value 'kcoons', 'Date' with '9/6/13', 'Reference' with '315', and 'Description' with 'Bar Code Adjust Quantity'. At the bottom, there is a virtual keyboard (SIP) and a taskbar with icons for Windows, 'Input Adj...', a keyboard icon, and 'OK'. A blue arrow points from the 'Software Input Panel (SIP)' text to the virtual keyboard.



Wichita Parts Bar Coding



Adjust Quantities

Scanned Data → Part Code

Scanned Data → Location

Hold Over Button → Adjustment Type

Adjust Qty General Data → Quantity

Adjust Qty General Data → Unit Cost

Submit Adjust → [ENTER] [Reset Page] [OK]

Wichita Warehouse L [Icons] 8:58

Input Adjustment

Scan Result



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 'Wichita Warehouse'. The interface includes a status bar at the top with the time '8:59' and various system icons. Below the title, there are four input fields: 'User ID' (containing 'kcoons'), 'Date' (containing '9/6/13'), 'Reference' (empty), and 'Description' (containing 'Bar Code Transfer Parts'). At the bottom, there is a navigation bar with icons for a Windows logo, 'Input Tra...', a keyboard icon, and an 'OK' button. Blue arrows point from the text labels on the left to the corresponding elements in the application interface.

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

Scanned Data → From Location

To Location

Quantity to Transfer → Quantity

Submit Transfer →

Scan Result

Windows ENTER Keyboard Reset Page OK

The form is a mobile application interface for entering warehouse transfer data. It includes a header with the title 'Wichita Warehouse', navigation icons, and a clock showing 9:01. The main section is titled 'Input Transfers' and contains four input fields: 'Part Code', 'From Location', 'To Location', and 'Quantity'. Blue arrows point from the labels 'Scanned Data', 'Quantity to Transfer', and 'Submit Transfer' to their respective input fields. At the bottom, there is a navigation bar with icons for Windows, ENTER, Keyboard, Reset Page, and OK.



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 | WD | 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

Stock Count General Data

Start Stock Count Action

A screenshot of a mobile application interface for 'Wichita Warehouse'. The title bar shows 'Wichita Warehouse' and the time '9:04'. Below the title bar, the text 'Stock Counts' is displayed in red. The form contains several 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, there is a navigation bar with four icons: a Windows logo, 'Input Co...', a keyboard icon, and 'OK'. Blue arrows point from the text labels on the left to the corresponding fields in the form.



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 2 X 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 | WO | 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 →



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

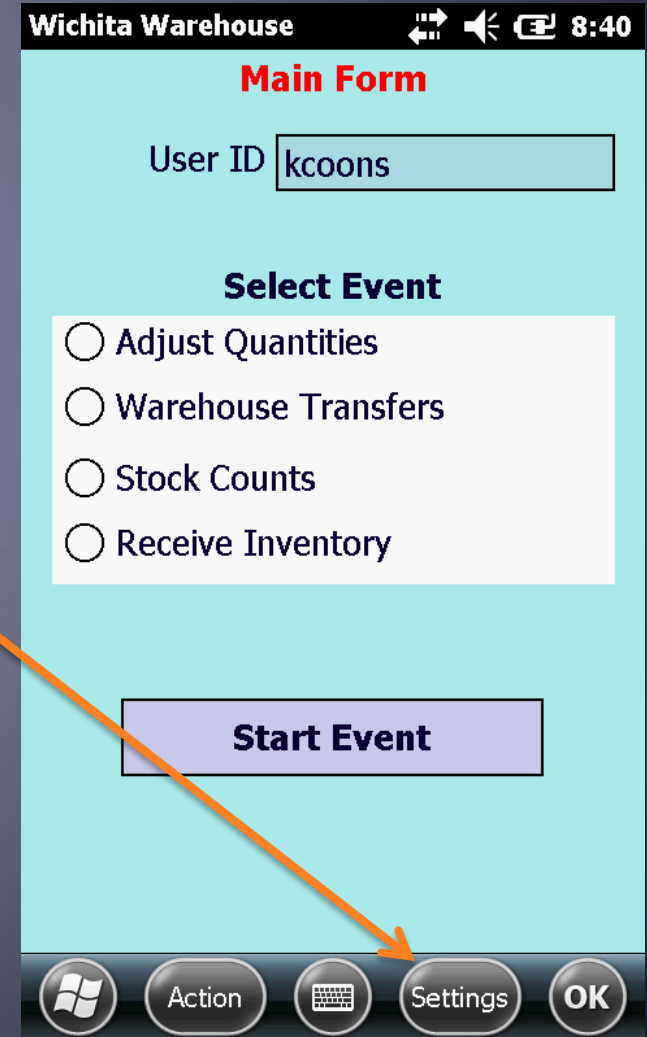


Wichita Parts Bar Coding



Main Screen – Settings

Settings Button





Wichita Parts Bar Coding



Main Screen – Settings

Settings Button Options



A screenshot of the 'Main Form' settings screen. The screen has a light blue background. At the top, there is a black status bar with the text 'Wichita Warehouse', a list icon, a speaker icon, a battery icon, and the time '10:56'. Below the status bar, the text 'Main Form' is displayed in red. A 'User ID' field contains the text 'kcoons'. Underneath, the 'Select Event' section contains four radio button options: 'Adjust Quantities', 'Warehouse Transfers', 'Stock Counts', and 'Receive Inventory'. A settings menu is open, showing three options: 'Scanner Settings' (highlighted in blue), 'File Settings', and 'About'. At the bottom of the screen, there is a navigation bar with five buttons: a Windows logo, 'Action', a keyboard icon, 'Settings', and 'OK'.

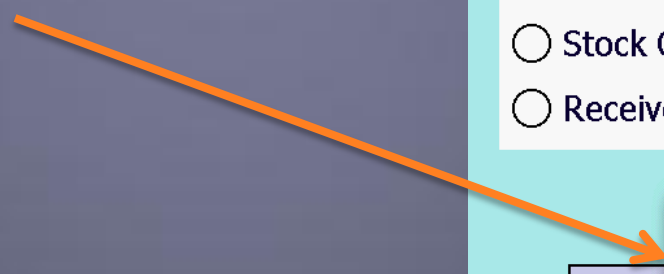


Wichita Parts Bar Coding



Main Screen – Settings

Settings Button Options



A screenshot of the 'Main Form' settings screen. The screen has a light blue background. At the top, it says 'Wichita Warehouse' and '10:56'. Below that, it says 'Main Form' in red. There is a 'User ID' field with the value 'kcoons'. Underneath is a 'Select Event' section with four radio button options: 'Adjust Quantities', 'Warehouse Transfers', 'Stock Counts', and 'Receive Inventory'. At the bottom right, there is a settings menu with three options: 'Scanner Settings' (highlighted in blue), 'File Settings', and 'About'. At the very bottom, there is a navigation bar with icons for Windows, Action, Keyboard, Settings, and OK.

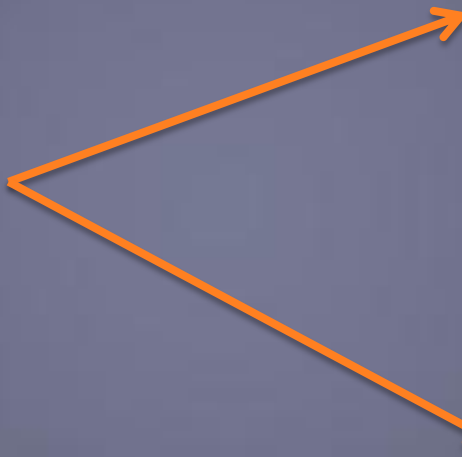


Wichita Parts Bar Coding



Scanner Settings

Scanner Settings Options



frmScanSet L 10:59

Scanner Settings

- Scan Enable
- Start AutoScan
- Stop AutoScan
- Is AutoScanning?
- Disable UPC-E
- Enable UPC-E
- Send UPC-E Check Digit
- Do Not Send UPC-E Check Digit
- Get Scanner Sound
- No Scanner Sound
- Use Beep Sound

Save Sett... Load Sett... OK



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 system icons (back, forward, volume, and 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 corresponding input field:

- Prime User ID**: Input field contains 'kcoons'. An orange arrow points from the label 'User ID' on the left to this field.
- Part No. Length**: Input field contains '8'. An orange arrow points from the label 'Part No Length' on the left to this field.
- Location No.**: Input field contains '10'. An orange arrow points from the label 'Location No Length' on the left to this field.
- PO No. Length**: Input field contains '9'. An orange arrow points from the label 'Purchase Order No Length' on the left to this field.

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'. Two orange arrows point from the labels 'Reset Settings' and 'Save Settings' on the left to the 'Reset' and 'Save' buttons respectively.



Wichita Parts Bar Coding



About

Wichita Warehouse 0 L [Navigation Icons] 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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