



The Lot Tracking System is used to automate the printing of Barcode tags on the plant floor.

Manual mode – A user on the floor presses a button when he is ready for a Barcode tag. When the system detects the button press, it will compile the required data for the Barcode tag.

Automatic mode - The system will initiate a print based on the standard rack size for the current part each time that quantity is produced.

A user on the floor presses a button when he is ready for a Barcode tag. When the system detects the button press it will compile the required data for the Barcode tag:

- | | |
|------------------------|-----------------------|
| • Line information | • Sequence number |
| • Part Number | • Time and Date stamp |
| • Quantity information | • Requestor |
| • Serial Number | |

The Lot Tracking System will then issue a print to the Ethernet connected printer near the user. The user then attaches the tag to the proper rack.

The System utilizes a web interface so that area/line managers who are responsible for the barcode tags can log into the system with their identification. The system uses their credentials to automate the logging on and off system.

Additionally, where available the system connects to the plants CMMS system to authenticate the Line supervisor and retrieve production information and unique Serial number.

DURA-SYS
SYSTEMS INTEGRATION

ETSBBarcode (Pushbutton Barcode Printing)

[System Status](#) [Line Assignment Login/Logout](#) [Edit/View Shift Times](#) [Activity Logs](#) [General Information](#)

ETSBBarcode System Status @ 10/15/2004 10:09:02 AM:

CMMS Interface Status:

Interface:	CMMS Interface Present
Current State:	CMMS Logged off after Job Completed for AA84B95 Line 235
Queued Jobs:	Login Jobs-0 Print Jobs-0
Current Job:	Idle
Last Job:	10/15/2004 10:06:56 AM: Print Job for 235

Line Status:

Line	PushButton	Printer	RACFD	PN	Printed Tags
221	Waiting Request for Print	Printer Ready	AA84D03	4L341824631DE	17
222	Waiting Request for Print	Printer Ready	Not Assigned	4L341824630DE	0
224	Waiting Request for Print	Printer Server Comm Error	Not Assigned	4L341820124EC	0
225	Waiting Request for Print	Printer Ready	AA84B65	4L341820125EC	0
226	Waiting Request for Print	Printer Ready	AA84B91	4L341520124ED	1
227	Waiting Request for Print	Printer Ready	AA84B91	4L341520125FD	17
228	Waiting Request for Print	Printer Ready	AA84C37	4L3416612AM	26
229	Waiting Request for Print	Paper or other Fault	Not Assigned	4L341524631CC	0
230	Waiting Request for Print	Printer Ready	Not Assigned	4L341524630CC	0
231	Waiting Request for Print	Paper or other Fault	Not Assigned	4L341503408AG	0
232	Waiting Request for Print	Paper or other Fault	Not Assigned	4L349941031BE	0
233	Waiting Request for Print	Paper or other Fault	Not Assigned	4L348441033BE	0
234	Waiting Request for Print	Printer Ready	AA84B95	4L341624630FF	12
235	Waiting Request for Print	Printer Ready	AA84D95	4L341624631EF	9

[System Status](#) [Line Assignment Login/Logout](#) [Edit/View Shift Times](#) [Activity Logs](#) [General Information](#)

Done Internet

The web screen shows the current system status as well as providing links to Login to the system.

PART NO. (P) 3F13542099015AB		TUE		WHSE	LOC
QUANTITY (Q) 99		PART NO. (C) AB		#001	
SUPPLIER (V) MS24R		REINF PACKAGE UPPER PNL			
SERIAL (S) 000007		13:58:08 Seq#001			
HERMOSILLO, SO 83200		AA24F67			

QTY: 99 SHADE: 3F13542099015AB

WC: 1 05/09/20 SHIFT: 1

SERIAL (S) 000007

LB: 001051

The above is a sample of the printed tag
(Tag format can be changed to customers' specification)

Dura-Sys, Inc.
25313 Dequindre
Madison Heights, MI 48071
(248) 543-2383
dura-sys@dura-sys.com

In-Plant Tags

Previous methods of producing this tag involved handwriting on a preprinted form, the Part Number, Date, Shift, Quantity, Inspector ID, and Container Type. With the In-Plant tag software, this information is obtained from a central database, and through user login.

Other information included are the current *Date*, the *Shift* and the current *Hour* and *Rack* (within this hour) numbers.

IN-PLANT OK	
PART NUMBER: 98BG C17859 AE	
DATE: 7/31/2006 SHIFT: 2	QUANTITY: 45
INSPECTOR/ N.W.T. MEMBER: AA84D51	CONTAINER TYPE: ZE82R
HOUR: 1	RACK NO. : 3
Clawson Stamping Plant	
X	

The above is a sample of the printed "In-Plant" tag