



Pharma Enhancements

MDS User Group 2017



Agenda

- › HDA EDI 856/E-Pedigree Track and Trace
- › Serialization and Traceability
- › Suspicious Order Monitoring System (Excessive Product Usage)
- › CSOS Options
- › Pedigree T3 Document
- › Track and Trace Options
- › ARCOS and Reporting Updates

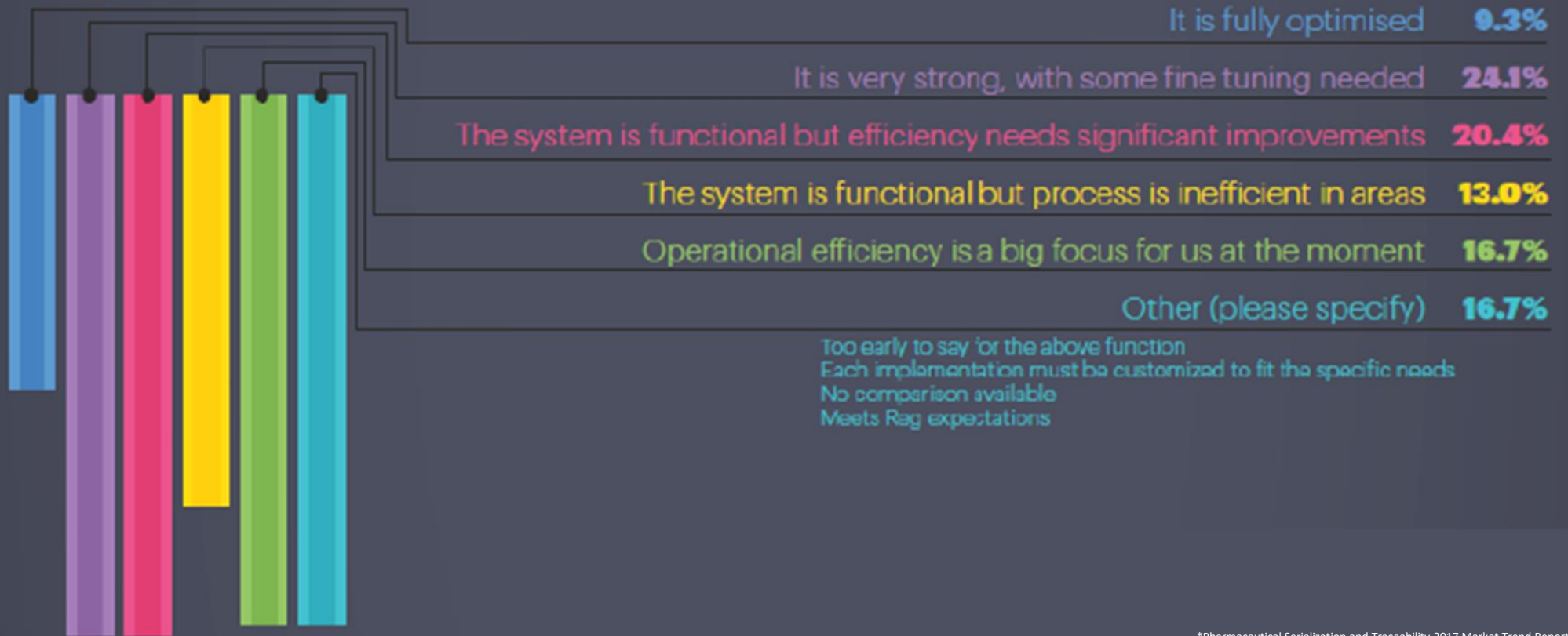


HDA EDI856/E-Pedigree Track and Trace

- › Speed – Eliminates the need to manually update the newly created pedigree
- › Accuracy - Information is coming directly from your vendor/manufacturer
- › Streamlined Process – Saves your company time and effort

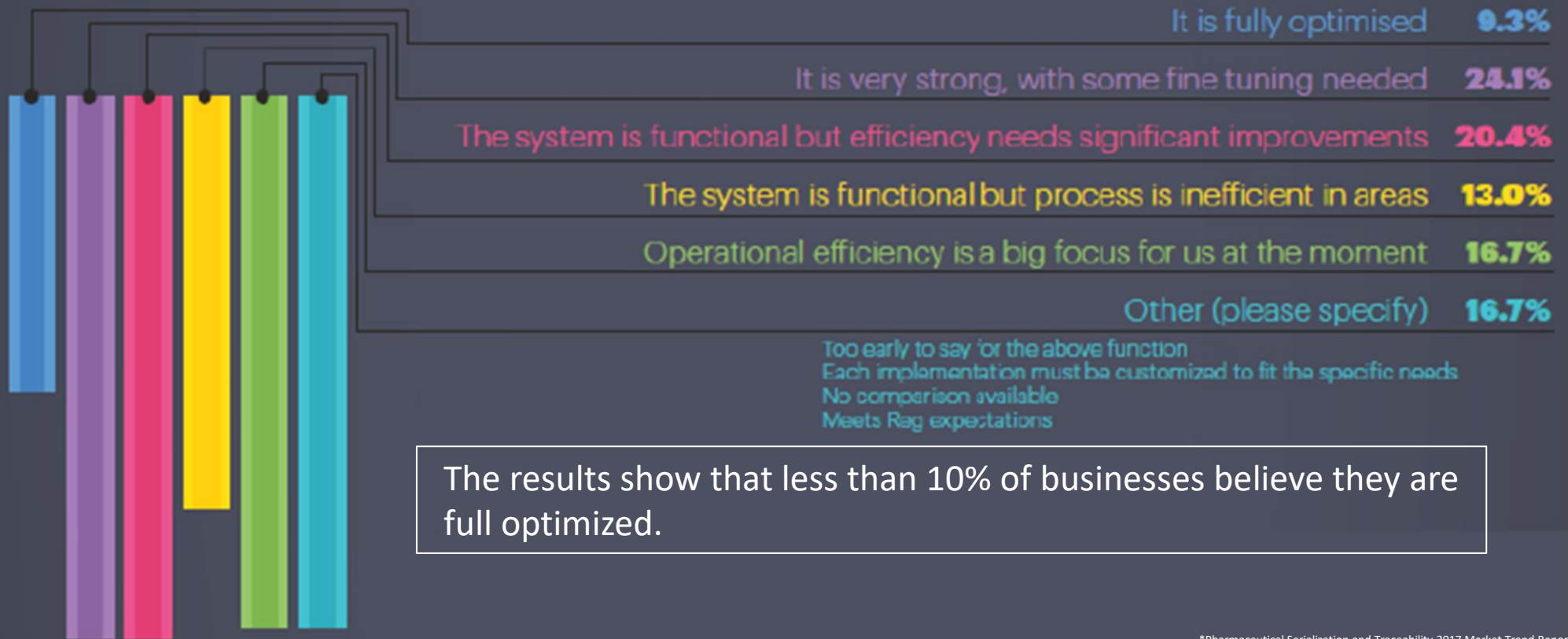
HDA EDI856/E-Pedigree Track and Trace

How would you rate the operational efficiency of your track and trace system?



HDA EDI856/E-Pedigree Track and Trace

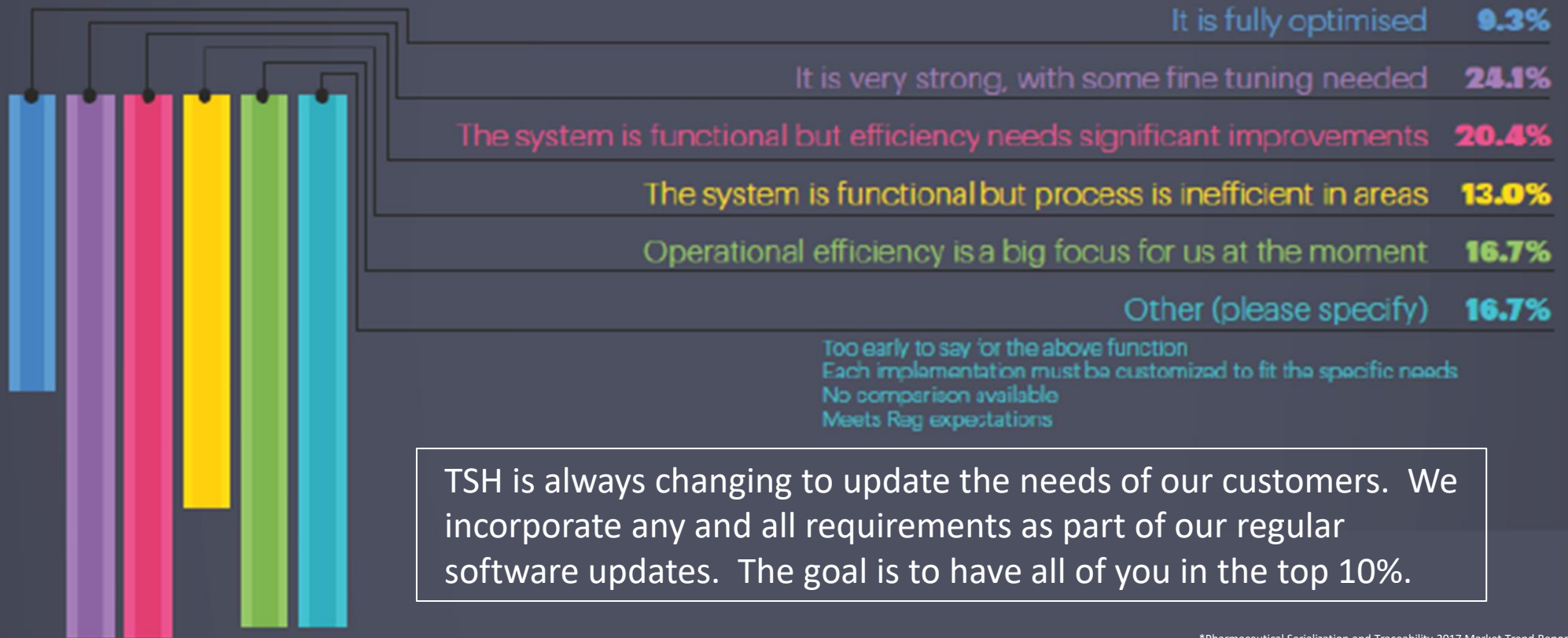
How would you rate the operational efficiency of your track and trace system?



The results show that less than 10% of businesses believe they are full optimized.

HDA EDI856/E-Pedigree Track and Trace

How would you rate the operational efficiency of your track and trace system?



TSH is always changing to update the needs of our customers. We incorporate any and all requirements as part of our regular software updates. The goal is to have all of you in the top 10%.



HDA EDI856/E-Pedigree Track and Trace

- › The Detail Purchase Order Inquiry will show the inventory as In Transit and the Expected Deliver Date when information has been received
- › Currently, the lot information, including expiration date is sent in the EDI record. In the future, the serial number will also be included

HDA EDI856/E-Pedigree Track and Trace

- > The Detail Purchase Order Inquiry will show the inventory as
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HYGEN.LIVE - [cloud1.tshinc.com-HYGENTEST-DET.PO011\$1]

cloud1.tshinc.com-HYGENTEST-DET.PO011\$1

File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Application

Detail Purchase Orders

P/O# **Open** Cardinal Health Ship To HyGen Pharmaceuticals, Inc.
 01021147 2045 Interstate Drive 8635 154th AVE NE
 Vend# 362 Lakeland ,FL Whse
 98133 33805 800-299-2462 001 Redmond, WA 98052

Ord Date Due Date PromDate ShipDate DropShip Total Order\$ Total Open\$ Curr
 07/21/15 07/24/15 07/21/15 ND 8049.20 2573.28 US

Agent Req# Spec Inst Confirm#

Ln#	Product Number	Description	St Po	Ordered	Open	Received	InTrans Due Date	Cost
1	00093-2049-56	Tolterodine Tart ER 4mg CP 30	EA	2			2 07/24/15	100.00
2	51672-4111-03	Phenytoin Sod ER 100mg CP 1000	EA	6	6		07/24/15	213.00
3	00555-9131-67	Ocella™ 3/0.03mg TB 3x28 BARR	EA	4			4 07/24/15	72.00
4	00093-2050-56	Tolterodine Tart ER 2mg CP 30	EA	2			2 07/24/15	100.00

Enter END to exit, PREV PG or NEXT PG

XXXXXXXX

Intransit Print Rcvr# Inq Po Notes Audit Lst Misc Chgs

Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

The Systems House Ready 8/4/2015 15:15 CAP NUM SCRL

e is sent
also be



HDA EDI856/E-Pedigree Track and Trace

- › At PO Receiving time, you will select the Intransit record that was created

HDA EDI856/E-Pedigree Track and Trace

› At PO Receiving time, you will select the Intransit record that

The screenshot shows a web application window titled "HYGEN.LIVE - [cloud1.tshinc.com-HYGENTEST-SSS.PO.RCPT012S1]". The interface includes a menu bar with options like File, Edit, Settings, and a sidebar with navigation tabs such as Shortcuts, History, Terminal, MDS Menu, Find, Tasks, Charts, and Key Indicators. The main content area displays "Purchase Order Receiving Detail" for HyGen Pharmaceuticals, Inc. with fields for Receiver#, PO Number, Vendor#, and Intransit#. Below this is a table of purchase order lines with columns for LN#, OrdQty, TotRcvd, IntrQty, RecPrch, UM, RecStk, Stk, Location, Loc Qty, Ext. Cost, and Lab. The table lists four lines for various medications like Tolterodine and Phenytoin. A Totals section at the bottom shows zero values for freight and insurance. A toolbar at the very bottom contains icons for Rec Compl, Add Costs, Pct Add, Seq Lines, Stk Stat, Printrecv, Locations, Help, Ok/End, Insert, Delete, Prev, Next, Inquiry, Cancel, Off, and Popup.

LN#	OrdQty	TotRcvd	IntrQty	RecPrch	UM	RecStk	Stk	Location	Loc Qty	Ext. Cost	Lab
1	2		2		EA						PRNT
2	6		0		EA						PRNT
3	4		4		EA						PRNT
4	2		2		EA						PRNT

Totals: All Lines, 0.00 Ocean Frt, 0.00 Duty, 0.00 Misc/Brokerage, 0.00 Insurance

HDA EDI856/E-Pedigree Track and Trace

› At PO Receiving time, you will select the Intransit record that

HYGEN.LIVE - [cloud1.tshinc.com-HYGENTEST-SSS.PO.RCPT012511]

cloud1.tshinc.com-HYGENTEST-SSS.PO.RCPT012511

File Edit Settings Reset Tools Mode Standby

Shortcuts Application

Purchase Order Receiving Detail

Receiver# 002816

PO Number 021147

Vendor# 362

LN#	Product	OrdQty	Number	TotRcvd
1	00093-2049-56	2		
2	51672-4111-03	6		
3	00555-9131-67	4		
4	00093-2050-56	2		

Totals All

Frt/Inland Frt

Misc/Brokerage

Rec Compl Add Costs Pct Add

Help Ok/End Insert

The Systems House Ready

8/4/2015 15:20 CAP NUM SCRL

Inquiry List

Intrn#	Vessel	Bill Lading#	Arrv Dt	Rcvr#
000757		EDI07-29-15	07/21/15	

Products Customers Vendors

Lab

PRINT

PRINT

PRINT

PRINT

0.00



HDA EDI 856/E-Pedigree Track And Trace

- › The Pending Pedigree Selection screen will show for any incoming Pedigree items
- › If desired, you can see detailed Pedigree information by clicking on the Pedigree Detail button



HDA EDI 856/E-Pedigree Track And Trace

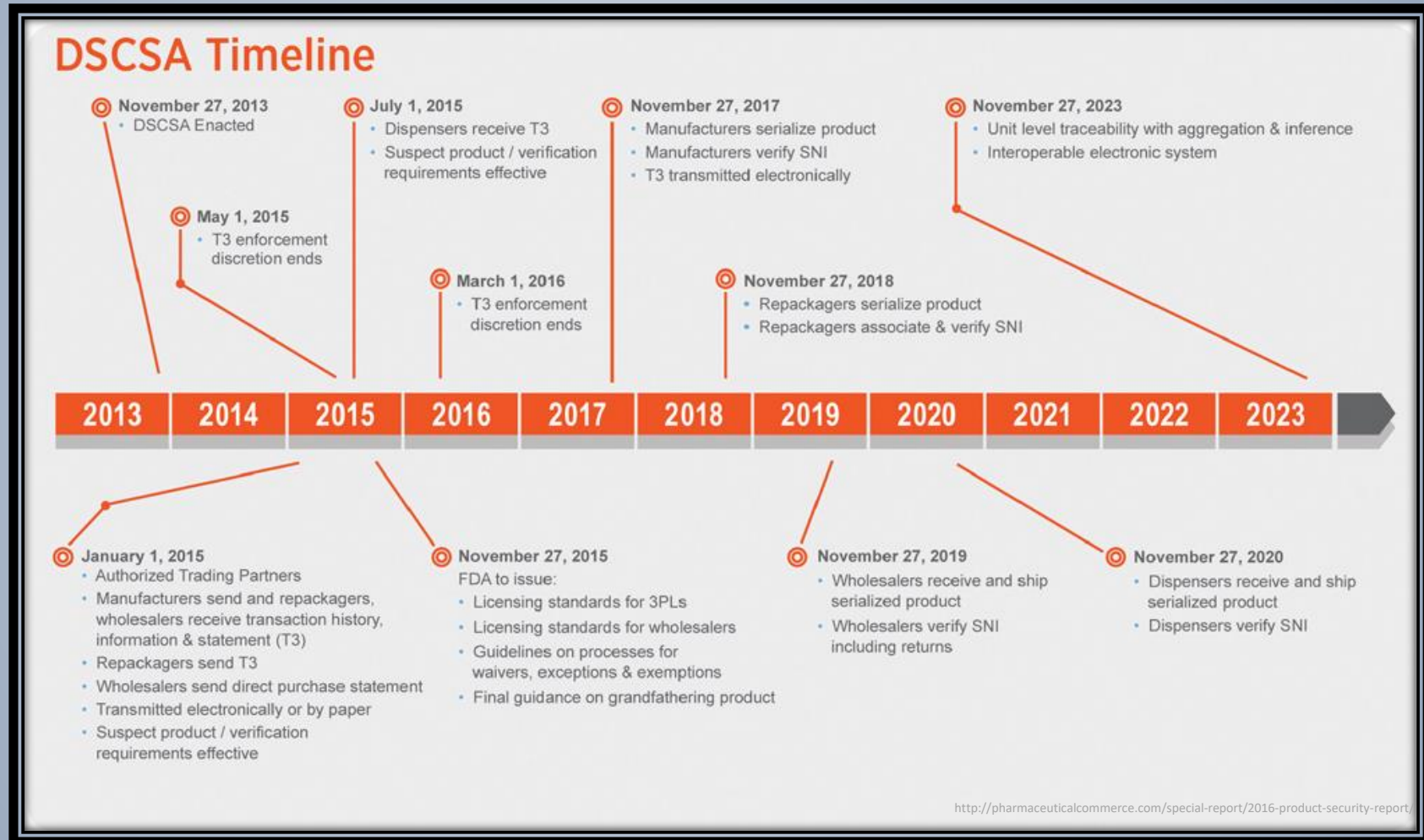
- › The Pending Pedigree Selection screen will show for any incoming Pedigree items
- › If desired, you can see detailed Pedigree information by clicking on the Pedigree Detail button

HDA EDI 856/E-Pedigree Track And Trace

The screenshot shows a web browser window with the following details:

- Browser Tab: HYGEN.LIVE - [cloud1.tshinc.com-HYGENTEST-PENDING.PEDIGREE.REVIEW012S1]
- Address Bar: cloud1.tshinc.com-HYGENTEST-PENDING.PEDIGREE.REVIEW012S1
- Menu Bar: File, Edit, Settings, Reset, Tools, Mode, Standard Functions, Special Functions, Refresh Dashboard, Help
- Page Title: Application
- Form Title: Pending PEDIGREE Review
- Form Fields:
 - 1.PO#: 000757*15
 - 2.Product#: 021147
 - Product Name: 00093-2049-56 Tolterodine Tart ER 4mg CP 30
 - 3.Company: 01 HyGen Pharmaceuticals, Inc.
 - 4.Manufacturer: [Empty]
 - 5.NDC#: 00093-2049-56
 - 6.Lot#: C140248, Lot Qty: 2
- Footer: ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT; PAGE 1 OF 2
- Navigation Bar: Add Inbd, Add Outbc, Add Supp, Scroll Dn, Scroll Up, Help, Ok/End, Insert, Delete, Prev, Next, Inquiry, Cancel, Off, Popup
- System Bar: The Systems House Ready; 8/4/2015 15:25 CAP NUM SCRL

Federal Drug Supply Chain Security Act (DSCSA) Timeline



Serialization and Traceability – Now and the Future

- › Supply chain visibility is enabled through serialization with tracking being applied on single units.



Serialization and Traceability

Purchase Order Receiving Detail

Company 01 Base Medical Supply

Receiver# 008803 Warehouse 001 THE SYSTEMS HOUSE, INC.

PO Num

Vendor

Purchase Order Receipts Lot Entry

LN#

Product 103135

LN#	Lot# / Length	Serial#	Location	Quantity	Exp Date
1	H6546-6134				
2					
3					
4					
5					
6					
7					

Input 'AUTO' and the system will automatically create serial numbers for the quantity entered.

Serialization and Traceability



Purchase Order Receiving Detail

Company

01

Base Medical Supply

Receiver#

008803

Warehouse

001

THE SYSTEMS HOUSE, INC.

PO Num

Vendor

Purchase Order Receipts Lot Entry

LN#

Product

103135

1

LN#	Lot# / Length	Serial#	Location	Quantity	Exp Date
1	H6546-6134	1708220000012	A-777	1	12/31/19
2	H6546-6134	1708220000013	A-777	1	12/31/19
3	H6546-6134	1708220000014	A-777	1	12/31/19
4	H6546-6134	1708220000015	A-777	1	12/31/19
3	H6546-6134	1708220000016	A-777	1	12/31/19
6	H6546-6134	1708220000017	A-777	1	12/31/19
7	H6546-6134	1708220000018	A-777	1	12/31/19
4	H6546-6134	1708220000019	A-777	1	12/31/19
9	H6546-6134	1708220000020	A-777	1	12/31/19

Total Lot Quantity

12

Frt/Inla

Misc/Br

Enter Line# to Change, ADD, or 0 to Accept



Serialization and Traceability

rs6000d - [rs6000d.tshinc.com-BASE.12-MDS.RPTS.LOGON01251]

File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Customer Service Purchasing Warehouse Sales Analysis Sales Management Accounting Menu File Maintenance Utility Menu Optional Systems Quick Search

Application

Lot Tracking Report Capture:On

1. Warehouse A All

From [] To []

2. Trans Date S 08/22/17 08/22/17

From [] To []

3. Product# S 103135 Phentoin Sodium ER 100mg 1000ct

From [] To []

4. Lot# All [] S

5. Serial# All []

Press <RETURN> to Process Report, Line# to Change, or ABORT

Help OK/End Insert Delete Prev Next Inquiry Cancel Off Popup Duplicate

The Lot Tracking would be used to track down what lot and serial numbers of a product was sold. For example, one use would be for a recall.

Serialization and Traceability



Lot Tracking Report

08/22/2017 13:51:32

WHSE	PRODUCT	DATE	TNX	LOT NO	QUANTITY	LOT SERIAL NO	CUST NO	INVOICE / REL NO
001	103135 Phentoin Sodium ER 100mg 1000ct	8/22/2017	INV	H6546-6134	-1	1708220000012	RACHEL	A02347 01A35668001
001	103135 Phentoin Sodium ER 100mg 1000ct	8/22/2017	INV	H6546-6134	-1	1708220000014	RACHEL	A02347 01A35668001
001	103135 Phentoin Sodium ER 100mg 1000ct	8/22/2017	INV	H6546-6134	-1	1708220000013	RACHEL	A02347 01A35668001

Serialization and Traceability in the Future

- › Utilizing GS1 Standards there are 3 components:
 - Identify – Using globally unique identification keys
 - › GLN – Global Location Number. Your company and warehouses will have a unique GLN number. Also, all of your customers and their shipto's will have GLN numbers assigned by GS1.
 - › GTIN – Global Trade Identification Number. Each item will have a unique GTIN for each saleable unit of measure.
 - › SSCC – Serial Shipping Container Code. Serial shipping container is used to identify items packaged together for transport.
 - Capture – by utilizing barcode scanning
 - › GS1 DataMatrix barcode is read by camera-based bar code scanners.
 - Contains: GTIN, Expiration Date, Lot Number and Serial Number of the item
 - › GS1-128 line bar code. Easily read by a handheld scanner.



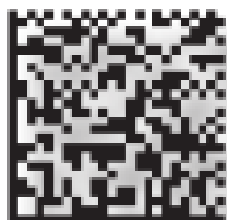
Serialization and Traceability in the Future

› Utilizing GS1 Standards there are 3 components:

– Identify – Using globally unique identification keys

- › GLN – Globally unique identification keys for warehouses will have a unique key and their shipto's will have GLN numbers
- › GTIN – Globally unique identification keys for each product item will have a unique GTIN
- › SSCC – Globally unique identification keys for shipping container is used to identify items packaged together for transport.

Example: Use of GS1 Standards for the identification of products using a GS1 DataMatrix



GTIN: (01) 07046261398572
Expiry: (17) 130331
Batch / lot: (10) TEST5632
S/N: (21) 19067811811

– Capture – by utilizing barcode scanning

- › GS1 DataMatrix barcode is read by camera-based bar code scanners.
 - Contains: GTIN, Expiration Date, Lot Number and Serial Number of the item
- › GS1-128 line bar code. Easily read by a handheld scanner.



Serialization and Traceability in the Future

› Utilizing GS1 Standards there are 3 components:

– Identify – Using globally unique identification keys

- › GLN – Globally unique identification keys for warehouses will have a unique key and their shipto's will have GLN
- › GTIN – Globally unique identification keys for each product item will have a unique GTIN
- › SSCC – Serial Shipping Container Code. A 1D bar code on a shipping container is used to identify items packaged together for transport.

Example: Use of GS1 Standards for the identification of products using a GS1 DataMatrix



GTIN: (01) 07046261398572
Expiry: (17) 130331
Batch / lot: (10) TEST5632
S/N: (21) 19067811811



(01) 1022222333334(17) 091231(10) A1345B(21) 1234

- Contains: GTIN, Expiration Date, Lot Number and Serial Number of the item
- › GS1-128 line bar code. Easily read by a handheld scanner.





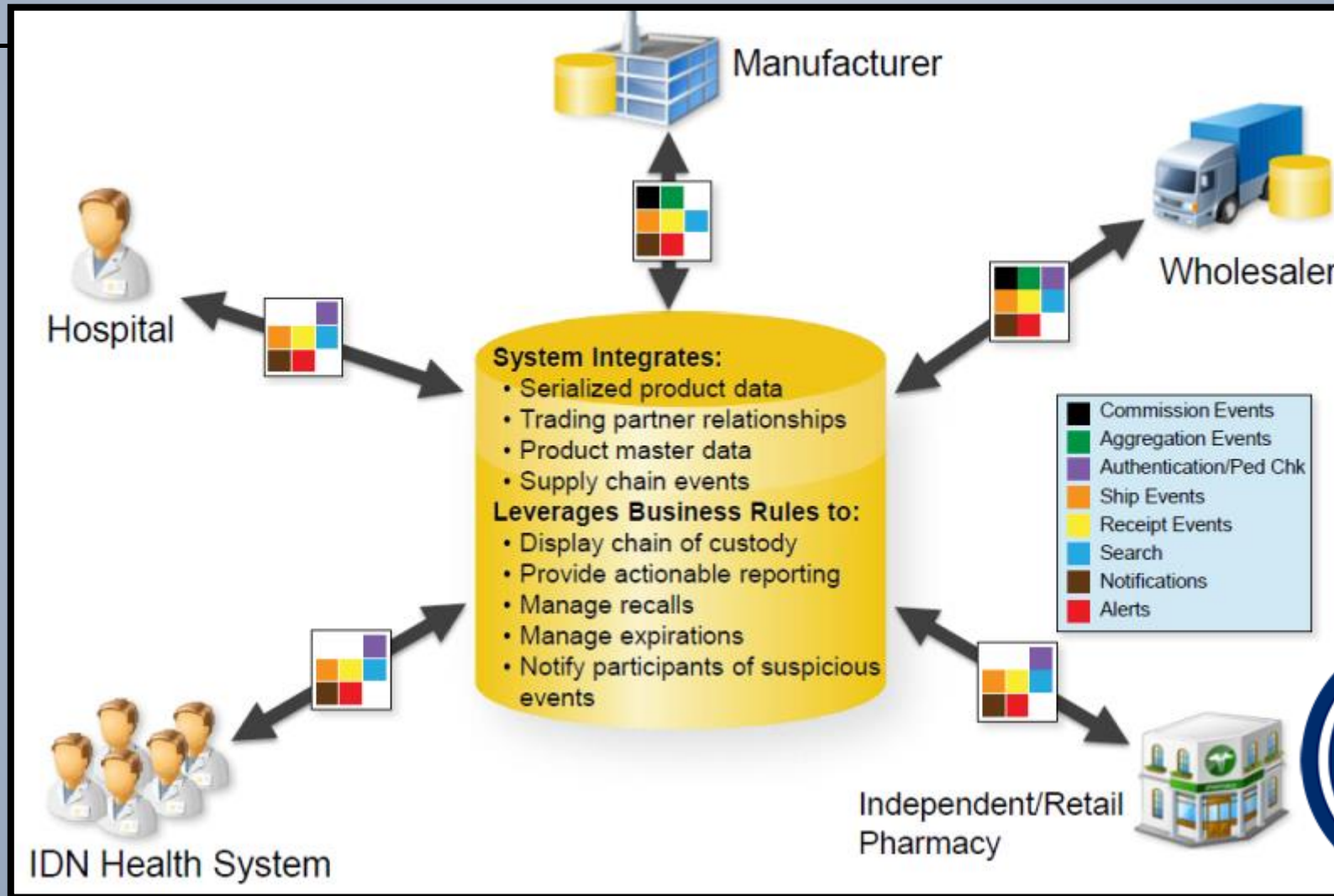
Serialization and Traceability in the Future

- Share – Exchange of business-critical information

- › EDI (Electronic Data Interchange) – Is the electronic interchange of business information using a standardized format.
 - Many of our customers are utilizing this option. Currently we send and receive product information that includes the lot number. In the future the serial number will also be transmitted.
- › EPCIS – Electronic Product Code Information Services is a GS1 standard that enables trading partners to share information about the physical movement and status of products as they travel throughout the supply chain – from business to business and ultimately to consumers. It helps answer the “what, where, when and why” questions to meet consumer and regulatory demands for accurate and detailed product information.



Serialization and Traceability in the Future



business
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Suspicious Order Monitoring System

(Excessive Product Usage)

- › Typically used to monitor and control the quantity of controlled substances sold to a customer
- › Can also be used for customer allocations to limit the amount of stock customer's can order. By doing this, you will be able to fulfill multiple customer orders, instead of one customer wiping out your stock
- › This is constantly being updated, as we now have expanded the options for its usage:
 - By specific customer
 - By specific product family
 - By specific product

Suspicious Order Monitoring System (Excessive Product Usage)

rs6000d - [rs6000d.tshinc.com-BASE.12-EXCESS.PRODUCT.USAGE012S1]

File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Application

Excessive Product Usage Maintenance

Company 01 The Systems House, Inc.
Customer RACHEL BEST MEDICAL SUPPLY
Product Family 0129 OXALATE
Product
Stocking U/M

1.Qty Limit 20
2.Expiration Date 05/31/17

Please make a selection, OK/END to Save, or Cancel

Product Lookup : 11:46:23 PM Customer: RACHEL

Product	Description	LastRel	LastQty	LastPrice	LastSale
13668-0137-05	Escitalopram Oxalate 20mg tab 500	01A34857001	20	3.310	5/23/2016

The Systems House Operator:SY1 Ready.

When a record exists, the system will check that the total amount sold this month plus the current order quantity does not exceed the limit.

Suspicious Order Monitoring System

(Excessive Product Usage)

rs6000d - [rs6000d.tshinc.com-BASE.12-SSS.OE.LINE.INPUT011\$1]

File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Application

Order Entry Detail Catalog **ON** Frt Min 100.00 Sell 001 Total

CO# 01 Cust# RACHEL BEST MEDICAL SUPPLY Ship 001 Ord# A34861

LN#	Product Number	Order	/UM	Ship	/UM	BO	/UM	PH	Price	UM	Whs
1	13668-0137-05 Escitalopram Oxalate 20mg tab 500	5	EA	5	EA			Y	3.310	EA	001
2								T1020	0.3206	EA	
3											
4											

MDSforWindows 11.1.2

Excessive Qty for Product 13668-0137-05. Order Placed On Hold

OK

UM	On Hand	In Pick	Avail	BackOrd	In Trans	OnOrder	Fut Ord	Next PO
EA	288		288					

Case	1	Box	1	Unit	1	PC	001 MEDICAL SUPPLIES	Cost	0.3206	/EA	90
13668-0137-05									3.310	/EA	

UM On Hand In Pick Avail BackOrd In Trans OnOrder Fut Ord Next PO

EA 288 288

Case 1 Box 1 Unit 1 PC 001 MEDICAL SUPPLIES Cost 0.3206 /EA 90

13668-0137-05 Lst Dt 05/23/16 Qty 20 /EA Price 3.310 /EA

Mds Inq Stock St Add Prod Lots Comment Prc Inq Image Prodtext Custnote Cat Disp Last Txn Reminder

Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

The Systems House Operator:SY1 Ready. 5/24/2016 00:02 CAP NUM SCRL

Customers Vendors Product Lookup : 11:46:23 PM Customer: RACHEL



CSOS Options

- › For those selling controlled drugs:
 - Utilizing CSOS - Integrated system with Legisym and their product Express222
 - Various Setup Options:
 - › Integrated with RemoteNet
 - › EDI
 - › Order Entry
 - MDS optional module



CSOS Options

The screenshot shows the HYGEN CSOS.MENU application interface. The window title is "hygen - [cloud1.tshinc.com-HYGEN-CSOS.MENU]". The menu includes options like "1.CSOS Partner Listing", "2.CSOS Order Report", "3.Setup Web User for CSOS", "4.Send CSOS Shipment Information", and "5.Send CSOS Purchase Order". A search bar contains "csos". A list of tasks includes "Customer Invoices", "Customer Sales Orders", "Customer Quotes", "Customer Detail History", "Product Detail History", "A/R Checks", and "Purchase Orders". A pie chart and a state selection grid are visible at the bottom.

The CSOS Partner Listing will list all of the customers and vendors that are signed up for CSOS.

CSOS Options

SORT CSOS PARTNER DEA.NO PARTNERID USERNAME ID-SUPP LPTR 05:47:56pm 25 May 2016 PAGE 1
DEA#..... Partner ID Username.....

FM2503692 102878 102871

1 records listed.

CSOS Options

```

SORT CSOS.XREF CSOS.TRACKNO FILEKEY FILENAME E222ORDERID SIGNED.DATE SENT.DATE ID-SUPP LPTR 05:54:07pm 25 May 2016 PAGE 1
Tracking Number File Key.. File ..... CSOS Order Id Date.... Date Shipped

16XN00001      142091    WEB.ORDER  765174
16XN00002      142168    WEB.ORDER  766237      03/04/16

2 records listed.
```

The CSOS Order Report will show all incoming orders with their tracking numbers, date placed and shipped.



The Pedigree (T3)

- › The three sections of the Pedigree:
 - Transaction Information (TI)
 - Transaction History (TH)
 - Transaction Statement (TS)



The Pedigree (T3)

Base Medical Supply

Drug Supply Chain Security Act Document Doc# 00000001250

(TI) Transaction Information

Drug Name, Strength, Dosage Form, Container Size: Phentoin Sodium ER 100mg 1000ct,			Reference Number: <u>01A02351</u>
NDC: 54221-4511-02			Document Type: <u>Invoice</u>
Lot Number	Quantity	Unique Serial #	Reference Date: <u>08/28/17</u>
H6546-6134	1	1708220000023	

(TH) Transaction History

Manufacturer's Name: Mckesson United
 Manufacturer's information: 1100 Corporate Way NEW YORK, NY 12344 mck@mckesson.com 212-555-1212

SOLD TO: Name: Mckesson United Address: 1100 Corporate Way NEW YORK NY 12344 Date Purchased & Ref : 08/11/17 5645441	SHIPPED TO: Name: Mckesson United Address: 1100 Corporate Way NEW YORK NY 12344 Date Received & Ref :
SOLD TO: Name: Base Medical Supply Address: 1033 US HIGHWAY 46 East CLIFTON NJ 07013 Date Purchased & Ref : 08/22/17 PO#01136151	SHIPPED TO: Name: Base Medical Supply Address: 1033 US HIGHWAY 46 East CLIFTON NJ 07013 Date Received & Ref : 08/22/17 RC#008803
SOLD TO: Name: BEST MEDICAL SUPPLY Address: 1033 RT 46 HOWELL HI 07731 Date Purchased & Ref : 08/28/17	SHIPPED TO: Name: BEST MEDICAL SUPPLY Address: 1033 RT 46 HOWELL HI 07731 Date Received & Ref : 08/28/17
SOLD TO: Name:	SHIPPED TO: Name:

- › TI – Transaction Information - The description of the drug
- › TH – Transaction History – Tracks each step of the supply chain, back to the manufacturer
- › TS – Transaction Statement – Provides the legal statement of compliance



The Pedigree (T3)

Base Medical Supply

Drug Supply Chain Security Act Document Doc# 00000001250

(TI) Transaction Information

Drug Name, Strength, Dosage Form, Container Size: Phentoin Sodium ER 100mg 1000ct,			Reference Number: <u>01A02351</u>
NDC: 54221-4511-02			Document Type: <u>Invoice</u>
Lot Number	Quantity	Unique Serial #	Reference Date: <u>08/28/17</u>
H6546-6134	1	1708220000023	

(TH) Transaction History

Manufacturer's Name: Mckesson United
 Manufacturer's information: 1100 Corporate Way NEW YORK, NY 12344 mck@mckesson.com 212-555-1212

SOLD TO:		SHIPPED TO:	
Name: Mckesson United	Address: 1100 Corporate Way NEW YORK NY 12344	Name: Mckesson United	Address: 1100 Corporate Way NEW YORK NY 12344
Date Purchased & Ref : 08/11/17 5645441		Date Received & Ref :	

- › TI – Transaction Information - The description of the drug
- › TH – Transaction History – Tracks each step of the supply chain, back to the manufacturer
- › TS – Transaction Statement – Provides the legal statement of compliance

SOL Nam Addr	<p>(TS) Transaction Statement: This Company complied with each applicable subsection of FDCA Sec. 581 (27) (A) – (G)</p> <p>(A) is authorized as required under the Drug Supply Chain Security Act;</p> <p>(B) received the product from a person that is authorized as required under the Drug Supply Chain Security Act;</p> <p>(C) received transaction information and a transaction statement from the prior owner of the product, as required under section 582;</p> <p>(D) did not knowingly ship a suspect or illegitimate product;</p> <p>(E) had systems and processes in place to comply with verification requirements under section 582;</p> <p>(F) did not knowingly provide false transaction information; and</p> <p>(G) did not knowingly alter the transaction history.</p>
Date	
SOL Nam Addr	
Date	



Track and Trace Options

- › Options on when to print the Pedigree
- › Option to show credits/returns on the printed Pedigree
- › Optional Repackaging module



Track and Trace Options

- › When to print the pedigree

Track and Trace Options

rs6000d - [rs6000d.tshinc.com-BASE.12-PRINT.ASSIGN.MAINT011S2]

File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Application

Printer and Inquiry Configuration

18.Send EOD Reports to Capture	Y		
19.Send A/R EOM Reports to Capture	Y		
20.Send A/P EOM Reports to Capture	Y		
21.Auto Credit Hold Notification	E	Credit Form	CAPTURE
22.Auto Price Hold Notification	E		
23.Show Canceled Orders in Order Inquiry	Y		
24.Sort Daily Invoice Print by	1	Customer	
25.Archive a PDF for each	1	Y	Confirmation
	2	Y	Credit Application
26.Print Packing Slip at Verification	Y		
27.Print Pedigree with Invoice	Y		
28.Order Sort Statement		BY RELEASE.NUMBER	
29.Sort A/P Checks by Vendor Name (Y/N)	Y		
30.Customer Lookup Sort		CUST.NAME	
31.AR Detail Initial Sort		INDEX.FIRST.DT	
32.A/R Detail Sort Direction	A		
33.Ship To Lookup Cutoff		40	
34.Zero Fill Ship-To Number	N		
35.Send Vcal Appointments via Email	N		
36.Print Time on PickTicket W/ Alt TimeZone			
37.Print Reorder Labels In Verification	P		

Please make a selection, OK/END to Save,or Cancel

PAGE 2 OF 5



Track and Trace Options

rs6000d.tshinc.com-BASE.12-CUST.MAST.MAINT011\$3

File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Application

Customer Master Maintenance Internal # 100083

Customer# BEST Manifest/Routing Info

83.Call Day

84.Primary Route Stop

85.Secondary Route RT4 Stop 7 ROUTE 4

Customer Form Flags 94.Intl Customer Flag

86.Ship Label Template

87.Pack Slip Template

88.Pick Slip Price Y 89.Pick Slip Copies

90.Pack Slip Copies 1 Fax Form Fax Number 99.Prt Ped w/Inv X

91.Invoice at Packing Y 100.Pickslip: N 973-777-1481

92.Conf Popup in OE Y 101.Packslip: N 973-777-1482

93.Invoice Copies 1 102.Invoices: N 973-777-3063

103.Statement: N 973-777-3063

E-Mail Form E-Mail Address

104.Pickslip N JOHNSEN@TSHINC.COM

105.Packslip N

106.Invoices N JOHNSEN@TSHINC.COM

107.Statement Y JOHNSEN@TSHINC.COM

108.Conf

95.Bill to Print Flag

96.Combined Statement Y

97.Print Statement N

98.Sort Invoice N

This overrides the value in Print Assign. Input 'Y' to print the Pedigree with the Invoice, or 'N' to not print.

Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

The Systems House Operator:SY1 Ready. 5/24/2016 22:04 CAP NUM SCRL

Drug Supply Chain Security Act Document Doc# 0000001250

(TI) Transaction Information

Drug Name, Strength, Dosage Form, Container Size: Phentoin Sodium ER 100mg 1000ct,			Reference Number: <u>01A02351</u>
NDC: 54221-4511-02			Document Type: <u>Invoice</u>
Lot Number	Quantity	Unique Serial #	Reference Date: <u>08/28/17</u>
H6546-6134	1	1708220000023	

(TH) Transaction History

Manufacturer's Name: Mckesson United
 Manufacturer's information: 1100 Corporate Way NEW YORK,NY 12344 mck@mckesson.com 212-555-1212

SOLD TO: Name: Mckesson United Address: 1100 Corporate Way NEW YORK NY 12344 Date Purchased & Ref : 08/11/17 5645441	SHIPPED TO: Name: Mckesson United Address: 1100 Corporate Way NEW YORK NY 12344 Date Received & Ref :
SOLD TO: Name: Base Medical Supply Address: 1033 US HIGHWAY 46 East CLIFTON NJ 07013 Date Purchased & Ref : 08/22/17 PO#01136151	SHIPPED TO: Name: Base Medical Supply Address: 1033 US HIGHWAY 46 East CLIFTON NJ 07013 Date Received & Ref : 08/22/17 RC#008803
SOLD TO: Name: BEST MEDICAL SUPPLY Address: 1033 RT 46 HOWELL HI 07731 Date Purchased & Ref : 08/28/17	SHIPPED TO: Name: BEST MEDICAL SUPPLY Address: 1033 RT 46 HOWELL HI 07731 Date Received & Ref : 08/28/17
SOLD TO: Name: Address: Date Purchased & Ref :	SHIPPED TO: Name: Address: Date Received & Ref :
SOLD TO: Name: Address: Date Purchased & Ref :	SHIPPED TO: Name: Address: Date Received & Ref :

(TS) Transaction Statement: This Company complied with each applicable subsection of FDCA Sec. 581 (27) (A) – (G)

- (A) is authorized as required under the Drug Supply Chain Security Act;
 (B) received the product from a person that is authorized as required under the Drug Supply Chain Security Act;
 (C) received transaction information and a transaction statement from the prior owner of the product, as required under section 582;
 (D) did not knowingly ship a suspect or illegitimate product;
 (E) had systems and processes in place to comply with verification requirements under section 582;
 (F) did not knowingly provide false transaction information; and
 (G) did not knowingly alter the transaction history.

Trace and Trace Options

The Pedigree (T3)

For those using Remotenet, your customers can view and print their Pedigree's directly from the website.



Select Language

Sort By:

Items per page: 25

Looking for your Track and Trace Information? Enter the NDC#
To see order detail, **Click on the Web Order#** below and **click GO.**

Number Below or Search by
Order# (8 digit) or CustomerPO# below and click GO.

- My Information
- Check Order Status
- View My Invoices
- View My Backorders
- Track and Trace Information**
- Change My Password
- View Our Licenses

- Search
- Best Selling
 - Closeouts
 - Hot Items
 - Latest Items
 - Most Frequently Ordered
 - OverStock Items
 - Top Selling
 - Trending Items
 - Vaccines

Line No.	Order-Rel	Invoice	Tracking# / Track and Trace	Amt.	Status	Options
1	01140904-001	01129941	1258V6460143325586 View T3 Info	\$1,463.32	Complete	

1 Item 1 Page Previous 1 Next

[Return to Previous Page](#)

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Live Help

Do you have questions?

Call us : 877-630-9198
E-mail us : weborder@hygenpharma.com

Your Account Representative

Sales Contact : Qol
Call :
E-mail : AHo@genoa-qol.com

Select Language | ▾

Search

- Best Selling
- Closeouts
- Hot Items
- Latest Items
- Most Frequently Ordered
- OverStock Items
- Top Selling
- Trending Items
- Vaccines

Search Tools + | -

Looking for y
NDC#
To see order detail
click GO.

Line No. Order-Ref

1 01140904-001

1 Item

(TI) Transaction Information

Drug Name, Strength, Dosage Form, Container Size: Afluria® QIV 2017-18 5ml MDV 10 , Dose SEQI (Influenza Vaccine) NDC: 33332-0417-10			Reference Number: 01129941
			Document Type: Invoice
			Reference Date: 09/07/17
Lot Number	Quantity	Unique Serial #	
01044611A	8		

(TH) Transaction History

Manufacturer's Name: Seqirus, Inc
Manufacturer's information: Cambridge, MA

SOLD TO: Name: Seqirus, Inc Address: Cambridge MA Date Purchased & Ref :	SHIPPED TO: Name: Seqirus, Inc Address: Cambridge MA Date Received & Ref :
SOLD TO: Name: HyGen Pharmaceuticals, Inc. Address: 8635 154th AVE NE Redmond WA 98052 Date Purchased & Ref : 08/16/17 PO#01025223	SHIPPED TO: Name: HyGen Pharmaceuticals, Inc. Address: 8635 154th AVE NE Redmond WA 98052 Date Received & Ref : 09/05/17 RC#024485
SOLD TO: Name: Genoa-QoL Phcy CO -20133 Address: 18300 Cascade AVE S Tukwila WA 98188 Date Purchased & Ref : 09/07/17 01140904001	SHIPPED TO: Name: GENOA-QOL PHCY CO -20133 Address: 8745 COUNTY ROAD 9 SOUTH ALAMOSA CO 81101 Date Received & Ref : 09/07/17 01140904001
SOLD TO: Name: Address: Date Purchased & Ref :	SHIPPED TO: Name: Address: Date Received & Ref :
SOLD TO: Name: Address: Date Purchased & Ref :	SHIPPED TO: Name: Address: Date Received & Ref :

(TS) Transaction Statement: This Company complied with each applicable subsection of FDCA Sec. 581 (27) (A) – (G)

- (A) is authorized as required under the Drug Supply Chain Security Act;
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- (E) had systems and processes in place to comply with verification requirements under section 582;
- (F) did not knowingly provide false transaction information; and
- (G) did not knowingly alter the transaction history.

This wholesale distributor purchased the specific unit of the prescription drug directly from the manufacturer.

Search

GO

Shortcuts + | -

Our Specials + | -

Current Order + | -

Live Help

Do you have questions?

Call us : 877-630-9198

E-mail us :
weborder@hygenpharma.com

Your Account Representative

Sales Contact : Qol
Call :
E-mail : AHO@genoa-qol.com

Track and Trace Options

Application

Invoice Reprint/Inquiry by Customer

Company# 01 The Systems House, Inc.

Customer# BEST

Range of Invoice# Release#

BEST MEDICAL SUPPLY

1033 RT 46

Starting

HOWELL NJ 07731

Ending

Line	Txn	Invoice#	Release#	Inv Date	Customer	P/O Number	Invoice	Amt
1	INV	01A02176	01A34857001	05/23/16				66.20
2	INV	01A02136	01A34668001	03/24/16				40.00
3	INV	01A02137	01A34670001	03/24/16				20.00
4	INV	01A02139	01A34672001	03/24/16				20.00
5	INV	01A02140	01A34673001	03/24/16				20.00
			01A34669001	03/24/16				20.00
			01A34652551	03/23/16				-42.80
			01A34649501	03/23/16				42.80
			01A34654001	03/23/16				20.00
			01A34637001	03/18/16				22.00

Inquiry List

- Bypass Print
- Print Invoice
- Fax Invoice
- Email Invoice
- Fax & Print
- Email & Print

Select Un Select Group On Group Off All On All Off Print Pedigree Crystal Inquiry Cancel Off Popup

The Systems House Operator:SY1 Ready. 5/24/2016 11:09 CAP NUM | SCRL

A customer's Pedigree can be printed through the Invoice Reprint Inquiry.



Track and Trace Options

- › Option to print or not print credits/returns on the pedigree

Track and Trace Options

- › Option to print or not print credits/returns on the pedigree

The screenshot shows a web application window titled 'rs6000d - [rs6000d.tshinc.com-BASE.12-PRINT.ASSIGN.MAINT011\$3]'. The main content area is titled 'Printer and Inquiry Configuration' and contains a list of settings. A black oval highlights the setting '53. Show Returns/Credits on Pedigree', which is currently set to 'Y'. Other settings include '38. Running Balance on AR Statements' (Y), '39. Net Statement or Detail Statement (N/D)' (D), '40. Sort Statement by' (Y, with a dropdown menu showing 'Sort by ShipTo'), '41. Print \$0 Balance AR Statements' (N), '42. Print Credit Balance AR Statements' (Y), '43. Include Credits - No Invoice AR Statements' (Y), '44. Include On Account records AR Statements' (N), '45. Print Future on AR Statements' (N), '46. Product Scan Default' (DESC.1), '47. Customer Scan Default' (NAME), '48. Days In Pick' (4), '49. Auto Start AlertServer' (Y), '50. Auto Start Scheduler' (Y), '51. Fax Coverpage Type' (blank), '52. Fax Notes as Seperate Page' (blank), '54. Use Number of Copies for Credits' (N), and '55. Print Qty in Selling UM' (Y). The interface includes a menu bar with options like File, Edit, Settings, and a sidebar with navigation buttons for Shortcuts, Terminal, History, MDS Menu, Find, Tasks, Charts, and Key Indicators. On the right side, there are buttons for Products, Customers, and Vendors.

Setting ID	Description	Value
38	Running Balance on AR Statements	Y
39	Net Statement or Detail Statement (N/D)	D
40	Sort Statement by	Y (Sort by ShipTo)
41	Print \$0 Balance AR Statements	N
42	Print Credit Balance AR Statements	Y
43	Include Credits - No Invoice AR Statements	Y
44	Include On Account records AR Statements	N
45	Print Future on AR Statements	N
46	Product Scan Default	DESC.1
47	Customer Scan Default	NAME
48	Days In Pick	4
49	Auto Start AlertServer	Y
50	Auto Start Scheduler	Y
51	Fax Coverpage Type	
52	Fax Notes as Seperate Page	
53	Show Returns/Credits on Pedigree	Y
54	Use Number of Copies for Credits	N
55	Print Qty in Selling UM	Y

Track and Trace Options



Utilizing the Work Order System, you can now implement repackaging directly through MDS.

US MEDSOURCE		US MedSource, LLC	(Repackager's Name)
Drug Supply Chain Security Act Document Doc# 0000001366			
(TI) Transaction Information: Description of Drug Repackaged			
Drug Name, Strength, Dosage Form, Container Size: LIDOCAINE HCL 2% MDV INJECTION, 1/VL			
Manufacturer / Repackager Name on Container: US MedSource, LLC, Sarasota, FL 34243 PH:866-543-4414			
NDC on Container: 61699-4277-2			
Lot Number	Quantity	Unique Serial #	
000026	1		
Reference Number: 01516024		Document Type: Invoice	
Document Type: Invoice		Reference Date: 01/14/16	
Reference Date: 01/14/16			
(TH) Transaction History			
Manufacturer's Name: HOSPIRA WORLDWIDE INC			
Manufacturer's information: 1635 STONE RIDGE DRIVE STONE MOUNTAIN, GA 30083 877-946-7747			
(TI) Transaction Information: Description of Drug Received			
Product Information: USE HOS-0427702 Lot#: 41-407-DK-01 Qty: 25		Date Purchased/Ref: DOC 12335329 DOC 12335328	
Supplier: GENERAL INJECTIBLES & VAC 80 SUMMIT VIEW LANE BASTIAN, VA 24314		Date Received/Ref: 05/06/15 DOC 12335329	
Date Purchased/Ref: DOC 12335329 DOC 12335328		NDC#: 00409427702	
Date Received/Ref: 05/06/15 DOC 12335329		Unique Serial #:	
Product Information: USE HOS-0427702 Lot#: 41-407-DK-01 Qty: 25		Date Purchased & Ref : 06/08/15 LOT 000026	
Supplier: INSOURCE, INC 60 SUMMIT VIEW LANE		Date Received & Ref : 01/14/16 01110644001	
Date Purchased & Ref : 06/08/15 LOT 000026		Date Received & Ref : 01/14/16 01110644001	
Date Received & Ref : 06/08/15 DOC 01001014001			
SOLD TO: Name: US MEDSOURCE SARASOTA Address: 2280 TRAILMATE DRIVE SARASOTA FL 34243		SHIPPED TO: Name: US MEDSOURCE SARASOTA Address: 2280 TRAILMATE DRIVE SARASOTA FL 34243	
SOLD TO: Name: THOMAS G SERIO, MD Address: 1802 MICCOSUKEE COMMONS DR TALLAHASSEE FL 32308		SHIPPED TO: Name: THOMAS G SERIO, MD Address: 1802 MICCOSUKEE COMMONS DR TALLAHASSEE FL 32308	
SOLD TO: Name: Address:		SHIPPED TO: Name: Address:	
Date Purchased & Ref :		Date Received & Ref :	
SOLD TO: Name: Address:		SHIPPED TO: Name: Address:	
Date Purchased & Ref :		Date Received & Ref :	
(TS) Transaction Statement: This Company complied with each applicable subsection of FDCA Sec. 581 (27) (A) – (G)			
(A) is authorized as required under the Drug Supply Chain Security Act;			
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(F) did not knowingly provide false transaction information; and			
(G) did not knowingly alter the transaction history.			
Page: 1		of 1 pages.	

Integration of FDA/Medispan Product Catalogs

Updated Fields for 2017

Optionally Can Be Added To Search Filters

Field Name	Field Description
FDANAME	Name
FDASUFF	Suffix
FDAGENNAME	Generic Name
FDADOSAGE	FDA Dosage
FDAROUTE	Route
FDALABELER	Labeler
FDASUBSTANCE	FDA Substance
FDASTRENGTH	FDA Strength
FDASTRUNIT	FDA Strength Unit
FDAPHARM	FDA Pharm
FDASCHED	FDA Schedule
FDAPACK	FDA Package
FDAPRODUCTID	FDA Product ID

Field Name	Field Description
MSPAN.DOSAGE	MEDISPAN Dosage
MSPAN.MFG	MEDISPAN Mfg
MSPAN.IMPRINT	MEDISPAN Imprint
MSPAN.CATDESC	MEDISPAN Category Descriptions
MSPAN.DESCRDESC	MEDISPAN Standard Descriptions
MSPAN.BASICDESC	MEDISPAN Basic Descriptions
MSPAN.LTEXT	MEDISPAN Addl Text
DRUG.DOSAGE	Product Dosage Form
FDAPRODUCTID	Product id from FDA
FDAAPP	FDA Application number
MSPAN.GPI	GPI Number
MSPAN.SIZE	Medispan Size
MSPAN.STRENGTH	Medispan Strength
MSPAN.PILL.CNT	Medispan Pill Count
MSPAN.GENERIC.LIST	List of other generics (NDC)
MSPAN.BRAND	Brand Name
MSPAN.GENERIC	Generic Name
MSPAN.STORAGEINFO	Medispan Storage Info
MSPAN.GPPC	Medispan GPPC code
MSPAN.RXOTC	Medispan RX/OTC
MSPAN.DEACCLASS	Medispan DEA Class
MSPAN.CONTROLLEDCLASS	Medispan Controlled Class

Integration of FDA/Medispan Product Catalogs

Updated Fields for 2017

Optionally Can Be Added To Search Filters

Field Name

Field Description

MSPAN.DOSAGE

MEDISPAN Dosage

MSPAN.MFG

MEDISPAN Mfg

MSPAN.IMPRINT

MEDISPAN Imprint

MSPAN.CATDESC

MEDISPAN Category Descriptions

MSPAN.DESCRDESC

MEDISPAN Standard Descriptions

Field Name

Field Description

FDANAME

FDASUFF

FDAGENN

FDADOSA

FDAROUT

FDALABEL

FDASUBST

FDASTREN

FDASTRUN

FDAPHAR

FDASCHED

FDAPACK

FDAPROD

Product Lookup : 4:42:26 PM Customer:

Product	Description	Prod_Family	Available	StkUM	StkQTY	List	PrcUM	PrcQty	Sell Um	Sell Qty	Vendor
C117653	HYDROCOD/APAP 10/325MG TABS	HYDROCODONE	0	BT	1	10.90	BT	1	BT	1	AUBURN
C117656	HYDROCOD/APAP 10/325MG TABS	HYDROCODONE	0	BT	1	50.40	BT	1	BT	1	AUBURN
C117657	HYDROCOD/APAP 10/325MG TABS	HYDROCODONE	0	BT	1	51.58	BT	1	BT	1	AUBURN
C117660	HYDROCOD/APAP 5/325MG TABS	HYDROCODONE	0	BT	1	13.80	BT	1	BT	1	AUBURN
C117662	HYDROCOD/APAP 5/325MG TABS	HYDROCODONE	0	BT	1	44.72	BT	1	BT	1	AUBURN
C117664	HYDROCOD/APAP 5/325MG TABS	HYDROCODONE	0	BT	1	67.65	BT	1	BT	1	AUBURN
C117666	HYDROCOD/APAP 7.5/325MG TABS	HYDROCODONE	0	BT	1	18.65	BT	1	BT	1	AUBURN
C117667	HYDROCOD/APAP 7.5/325MG TABS	HYDROCODONE	0	BT	1	16.13	BT	1	BT	1	AUBURN
C117669	HYDROCOD/APAP 7.5/325MG TABS	HYDROCODONE	0	BT	1	14.99	BT	1	BT	1	AUBURN
C131336	HYDROCODONE/APAP 5MG/300MG 1...	HYDROCODONE	0	BT	1	124.69	BT	1	BT	1	HARVARD
C131337	HYDROCODONE/APAP 7.5MG/300M...	HYDROCODONE	0	BT	1	136.58	BT	1	BT	1	HARVARD
C131338	HYDROCODONE/APAP 10MG/300MG...	HYDROCODONE	0	BT	1	175.50	BT	1	BT	1	HARVARD
N133141	HYDROCODONE/APAP 5/325MG TABS	HYDROCODONE	96	BT	1	11.49	BT	1	BT	1	118

MSPAN.RXOTC

Medispan Rx/OTC

MSPAN.DEACCLASS

Medispan DEA Class

MSPAN.CONTROLLEDCLASS

Medispan Controlled Class



Arcos Reporting and Updates

- › Added options for selection of Acquisition, Purchase, and Sales transactions to the ARCOS Transaction Report
- › Updated the ARCOS EOY format with the new requirements
- › New report option based off the ARCOS, State Pharma Report. This would be used for OARRS.
- › Added warehouse prompts to the DEA Inventory Report, DEA Receipts Posting Register and Lot Tracking Report
- › ARCOS Transaction Maintenance – gives the user the option to exclude transactions from being reported

Arcos Reporting and Updates

rs6000d - [rs6000d.tshinc.com-BASE.12-ARCOS.TRANS.EDITOR012S1]

File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Application

ARCOS Transaction Maintenance

Transaction Reference: 01A34440501

"N" - Non Reportable
To mark a transaction as Non Reportable please Update the Code below to show a value of "N"

Ln	NDC#	Date	Assoc DEA#	Tnx	Qty	Ref No.	Code	Value	Whse
1.	12322-0137-04	02/05/16	ZZ9000059	IV	2	01A34440501	XX		001
2.	12322-0137-04	02/05/16	ZZ9000059						
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									

CODE	DESCRIPTION	INV. ADJ. GL#	ARCOS TRANS CODE
02	MISCOUNT	1000-00	
03	UNKNOWN LOSS	1000-00	Y
06	DAMAGED GOODS	1000-01	Y
07	TRANSFER	1000-00	
11	ARCOS Non Reportable	1000-00	N
12	ARCOS Return	1000-00	R
13	ARCOS Unsolicited Return	1000-00	V
14	ARCOS Government Supplied	1000-00	G
25	Shelf Stock Adjustment	1152-00	
53	Lot Transfer	1000	N
98	Replenishment Out	1000-00	
99	Replenishment In	1000-00	

Product Lookup: 2:05:34 PM Customer: Customers Vendors

Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

The Systems House | Operator:SY1 Ready. 5/26/2016 14:10 CAP NUM | SCRL

Arcos Reporting and Updates

ARCOS Transaction Maintenance

Transaction Reference: 01A34440501

To mark a transaction as Non Reportable please update the ARCOS field below to show a value of "N"

Ln	NDC#	Date	Assoc DEA#	Tnx	Qty	Ref No.	ARCOS	Value	Whse
1.	12322-0137-04	02/05/16	ZZ9000059	IV	2	01A34440501	XX		001
2.	12322-0137-04	02/05/16	ZZ9000059						

CODE	DESCRIPTION	INV. ADJ. GL#	ARCOS	TRANS CODE
02	MISCOUNT	1000-00		
03	UNKNOWN LOSS	1000-00	Y	
06	DAMAGED GOODS	1000-01	Y	
07	TRANSFER	1000-00		
11	ARCOS Non Reportable	1000-00	N	
12	ARCOS Return	1000-00	R	
13	ARCOS Unsolicited Return	1000-00	V	
14	ARCOS Government Supplied	1000-00	G	
25	Shelf Stock Adjustment	1152-00		
53	Lot Transfer	1000	N	
98	Replenishment Out	1000-00		
99	Replenishment In	1000-00		

This option was made available as some customers do not wish to report every transaction. One example, an invoice was generated and voided on the same day.



Pharma Enhancements Recap

- › HDMA EDI 856/E-Pedigree Track and Trace
- › Serialization and Traceability
- › Suspicious Order Monitoring System (Excessive Product Usage)
- › CSOS Options
- › Pedigree
- › Track and Trace Options
- › ARCOS and Reporting Updates

