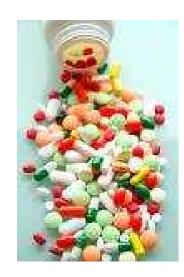
Pedigree Processing Overview









What is a Pedigree?

- The Prescription Drug Marketing Act of 1987 (PDMA) was signed into law by the President April 12, 1988.
- The PDMA was enacted to ensure that drug products purchased by consumers are safe and effective
- To avoid the unacceptable risk to American consumers from counterfeit, adulterated, misbranded, subpotent, or expired drugs.
- The legislation was necessary to increase safeguards in the drug distribution system to prevent the introduction and retail sale of substandard, ineffective, or counterfeit drugs.

States Requiring Pedigrees

The State of Pedigree



A majority of states have or are considering pedigree legislation.

- 21 states have pedigree laws or rules today
- An additional 14 states have proposed legislation or rules
- The PDMA pedigree rules set the minimum bar

Pedigree MDS Overview

- The MDS Pedigree System is a hybrid that will allow adoption of the Electronic pedigrees as the Industry creates a standard.
- Currently it allows both scanning and manual input of pedigree and authentification information.
- From the point of receipt into the warehouse to the point of shipment each item is tracked thru the warehouse and is associated with an internal pedigree code.
- This code is then provided with each shipment and can provide a generic Pedigree form electronically or on paper. Alternately the Pedigree can be made available via a distributor's website.

Maintenance for Pedigrees

- Product maintenance must be a lot item, serial number is optional
- Drug type maintenance sets Pedigree flag
- Vendor maintenance able to sell drugs and set up to track Pedigree
- Customer maintenance must be set up to purchase drugs

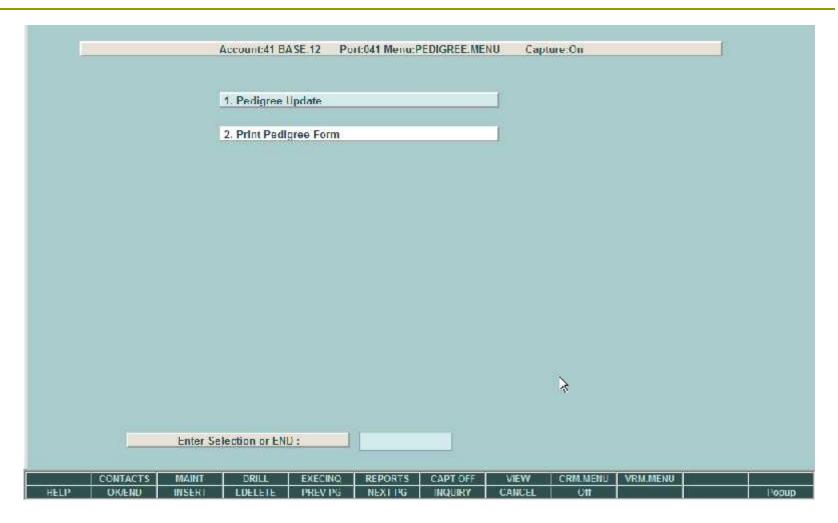
Pedigree Processing

- Receiving
- Purchase Order and Non Po Receipts
- Manually Update Additional Inbound Information
- Scan in Backup Documents
- Shipping
- Outbound Updated with Shipping Info
- Print / Email / Fax a Pedigree

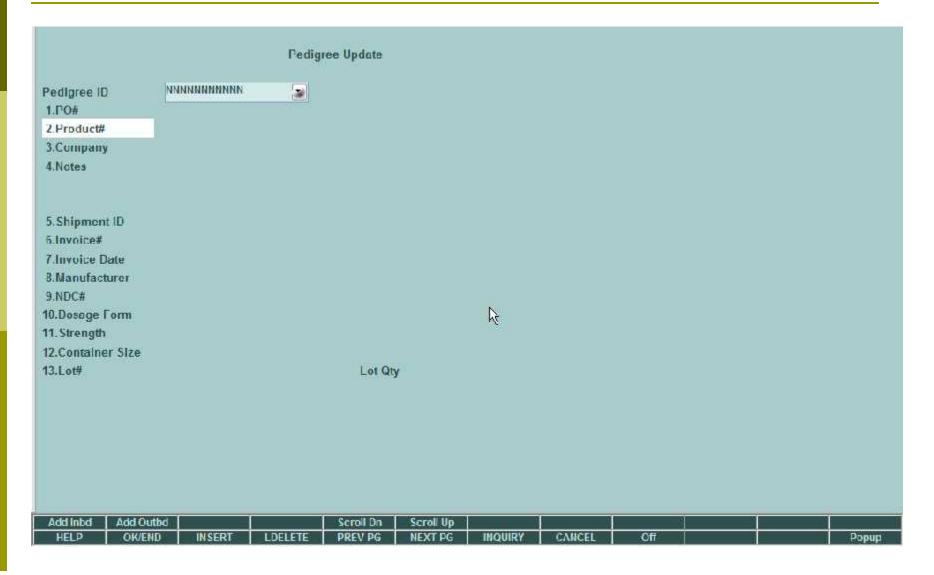
Purchase Order Receiving

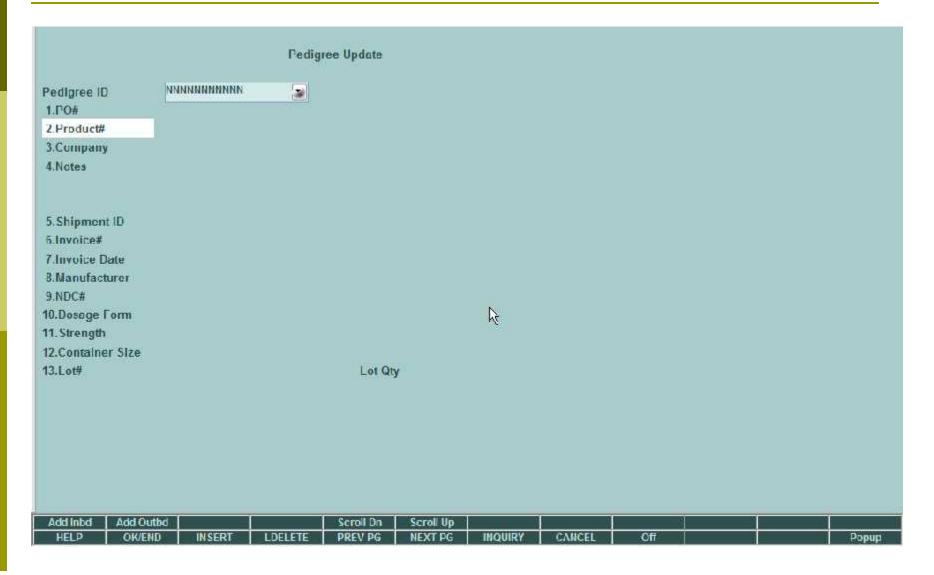
- At this point the MDS system creates a pedigree (sequential number) with information about the product and qty with lot details, whom it was purchased from, how much and any serial numbers or expiration dates.
- You can then manually update any additional information into the MDS system and scan backup documents such as the paper pedigree you have received if an electronic format becomes available you would use the same process to import the electronic pedigree.

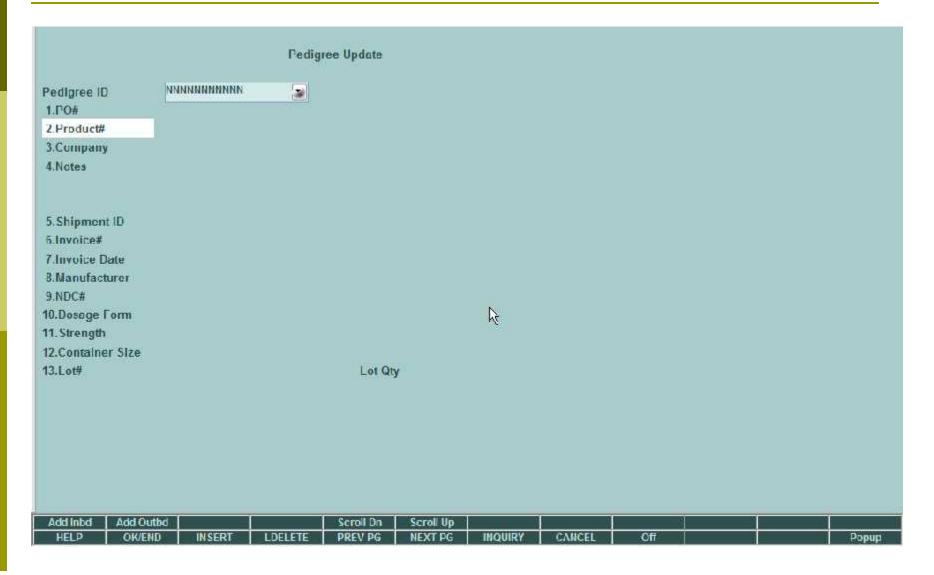
Pedigree Menu



You can search by a number of criteria to find the pedigree the system created







			Pedig	ree Update						
Pedigree ID	-11	000000	00112							
1.PO#	-177	0113201								
2.Product#	AIT				ADVII					
3. Company	01	The Syste	ms House, In	e						
4.Notes										
The contract of the contract o										
200000 W	- 1	1000		11	1					
5. Shipment ID		1234						62		
fi.Invelor#			V6665					là.		
Alinvoice Date		A DV	09/03/07 (IL MNF							
8.Manufacturer		A.D.	IL MINE	_						
9.NHC#		1 TA		- 1						
10.Dosage Form		00 1	in land	_						
11. Strength		None	No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa	_						
12.Container Size		(ABO)	TLE	W TE						
13.Lot# 100497A				Lot Qt	1250					
100497A 100497B				_						
100407 D					1250					
				7 70	_					
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ENTER LINE # TO	CHANGE	DELETE TO	DELETE,0 TO	ALCEIT			Mi	· Service	PAGE 101 3	
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HELF OK	UFIND	INSERT	IDELETE	PREV PG	MEXT PG	INQUERY	CANCEL	Off		(Деориф

Pedigree Inbound Update

- The inbound page allows you to update the inbound shipping information
- Note: many pedigrees have multiple inbound vendors in the supply chain and MDS allows entry of all of them.
- To save time on entry you can search thru existing vendors and mfg's in your vendor master table to add to the pedigree

Pedigree Inbound Update

ine	1 Intal	2 Sold to	Ship to
Wholesaler ID		A1200	A1200
	Name	The Systems House, Inc.	The Systems House, Inc.
	Address 1	1033 Route 46 F.	1033 Roule 46 F.
	Address 2		
	City	CHITTON	CLIFTON
	State	NJ Country 600 U.S.A.	NJ Country 900 U.S.A.
	/ip	07073	07073
	Date Purchased	10/04/07	10/04/07
	Wholeseler Inv#	6605	
	Recipient	JOHN	
	Authenticotor		
	Lmail		
	Phone		

Pedigree Outbound Update

- The outbound page will show who you have shipped the pedigree to
- This information will be filled in automatically by shipping but can also be entered manually
- To save time on entry you can enter a release number and all of the data will be filled in

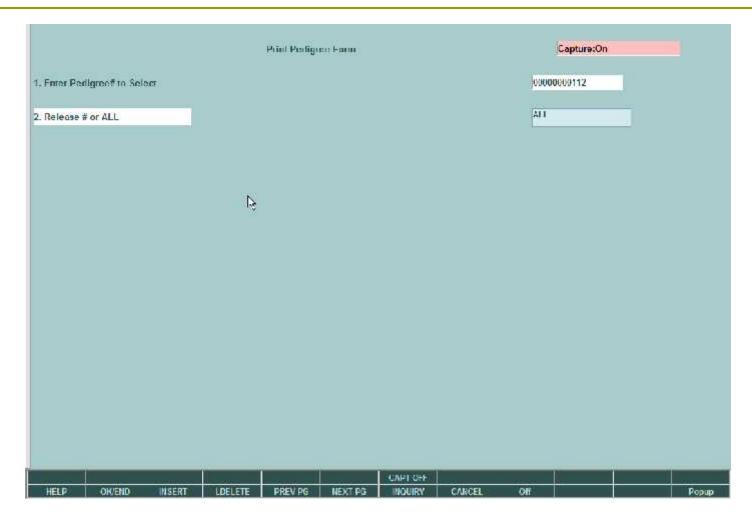
Pedigree Outbound Update

Pedigrae ID 90000	PEDIGREE Update	
15.Outbound Sold To/Ship To	1	
Release# 0114243900	1 Sold to	Ship to
Wholesaler ID	100271	M
Name	JULIANNE RAUCO	JULIANNE RAUCO
Address 1	1033 RT 46	1033 RT 46
Address 2		
City	CLIFTON	CLIFTON
State	N.I. Country 600 U.S.A.	N.J Country 000 U.S.A.
71p	7013	07013
Date Purchased	03/14/87	10/04/07
Wholeseler Inv#		
Recipient		
Authenticator		
Email	JULI@TSTING.COM	
Phone:	973-777-8050	
ENTER LINE # TO CHANGE, DELETE T		XXXXXX PAGE 1 OF 3
Add Inibid Add Outled HELP OK/END INSERT	Scroil Un Scroil Up LDELETE PREV PG NEXT PG INQUIRY	CANCEL Off Popup

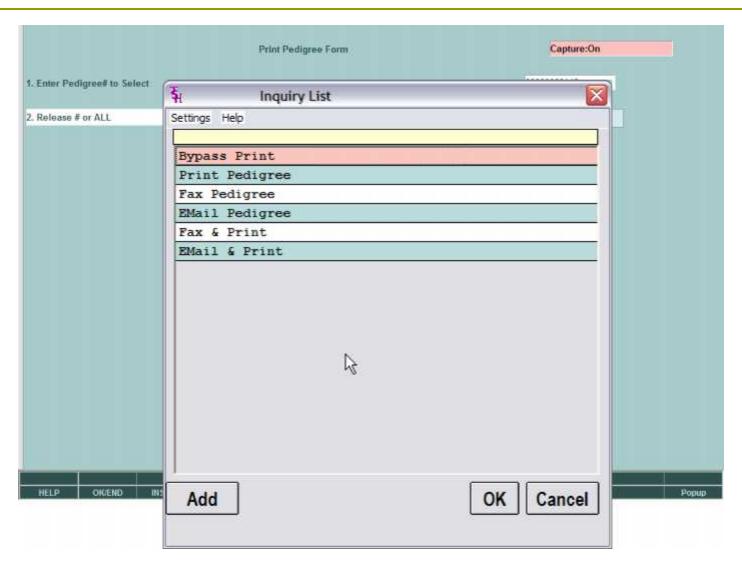
Pedigree Print Form

- Pedigrees can be set up to print automatically with the invoice
- They can be printed from the pedigree menu
- They can be printed from the invoice inquiry print
- They can be viewed and printed from the Remotenet website

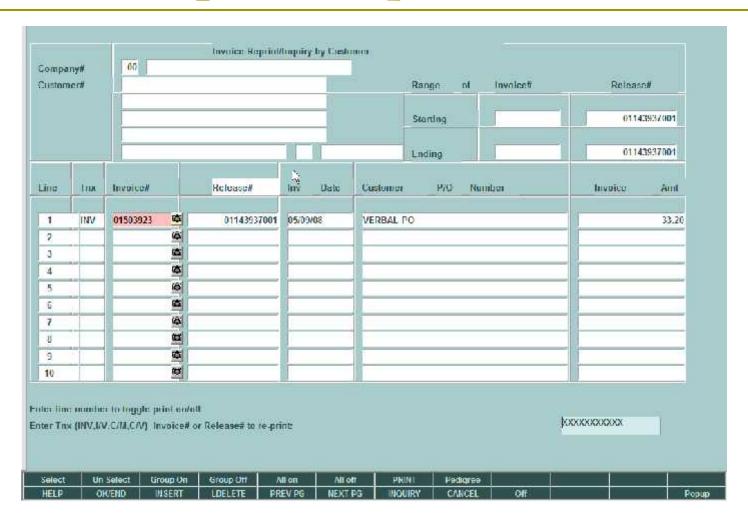
Print Pedigree Form



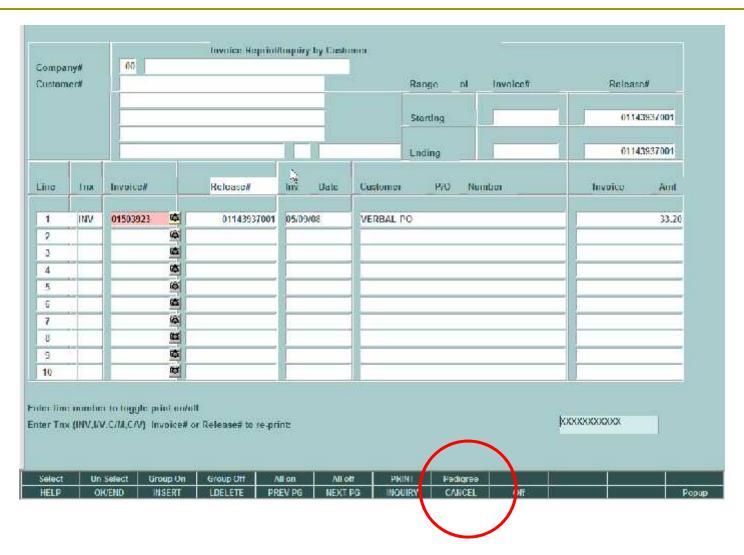
Print Pedigree Form



Invoice Reprint Inquiry



Invoice Reprint Inquiry



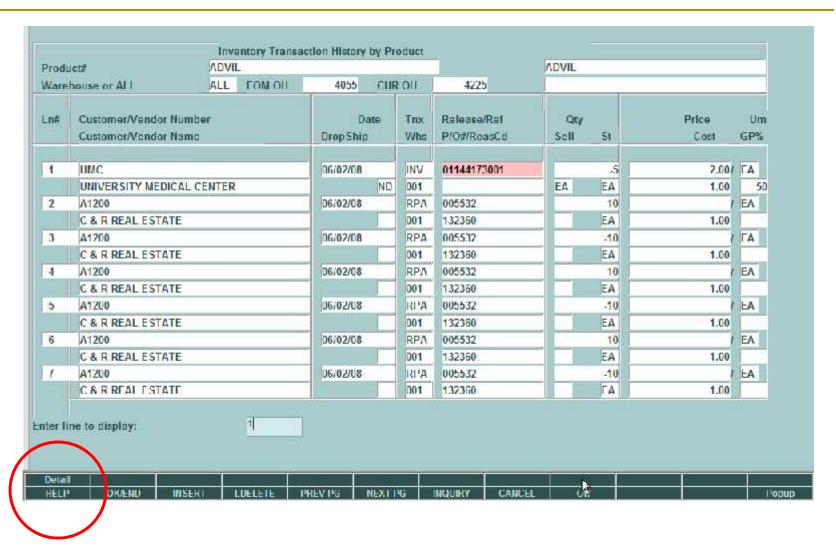
Pedigree Print

		Systems House, Inc	ID/ DDITC D	AVholesaler's Namei PEDICREE 00000000124
	17165	History of Drug Sale:	and Distribution	PENCHEL DOCUMENT
egent Drug Nam	s Strength Dosage	Form, Container Size	ADVIL	
This is a repu	rkaged drug frequires rep	ackager's pedigree	3.3	
Inferrution a NDC: 1111-2222	ne automitication of reco	olanger's peciforces		Reference* Number: 503923
	*****		=	Document Type: Invoice
Lot Number	Quantity	Unique Seral #	4	Reference* Date: 05/09/08
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101008B	500			(subsect to the case by the interference in Identities)
		3		
Ç	WNERSHIP HIS	TORY		PHYSICAL DISTRIBUTION HISTORY
Manufacturer's I	Name <u>MANUEAC</u>	TURER		(if aitlerent from the owner information)
Manufacturer's i	nformation for aut	hentication:		
1. Wholesaler th	at purchased from	the MANUFACTURER	r a REPACKAC	SER (which requires authentication)
Name: UNIVER	SITY MEDICAL C	ENTER	Name: Uh	IIVERSITY MEDICAL CENTER
Address: LSTAT	TON PLAZA		Address:	STATION PLAZA
	TER OF EDMONT		THE CITY	CENTER OF EDMONT WA 07000
Date Furchased	& Roff : ediplent	7. YEAR OLD TO SERVICE STATE	Date Rece	rived & Ref* : e of Recipient
Signature of Rea	cipient:		Signature	of Recipient
Name of Authen	ticator: henticator:		Name of A	uthenticator
Signature of Aut	henticator:	4	 Signature 	of Authenticaton
Military		ansaction, contact:	Name:	enticale a subsequent transaction, contact:
Telephone numb	ben	The state of the same and the same	Telephone	number:
Email Address:		<u> </u>		ress;
2.#1 Aboye SC	OLD TO: ystems House, Inc		4	SHIPPED TO The Systems House, Inc.
Name: The S	ystems House, Inc	i)	Name:	The Systems House, Inc.
Address: 1033 CLIETON NI 07			Address CLIFTON	1933 Route 46 F
	8 Ref*			ived & Ref*
	colpient:			of Recipient:
Signature of Rec	ipient:		Signature	of Recipient:
	ticator:		Name of A	uthenticator:
			II C'Intermediate	
Signature of Aut		ensaction, contact:	Signature 4	of Authenticator:

Inventory Transaction by Product

Produ Mare	house or Al I	ADVIL ALL FOM OU	4055 CHR	110	4225	VDAIL			-
_n#	Customer/Vendor N	lumber	Date Drop Ship	Tnx Whs	Release/Ref P/Ot//ReasCd	Qty Sell	St	Price Cost	Um GP%
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	C & R REAL ESTAT	E		001	132350	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	EA	1.00	
3	A1200		06/02/08	RPA	005532		-10		ГА
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4	Λ1200		06/02/08	RPA	005532		10	,	EΛ
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5	A1200		06/02/08	RPA	005532		-10	1	ŁA
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Inventory Transaction by Product



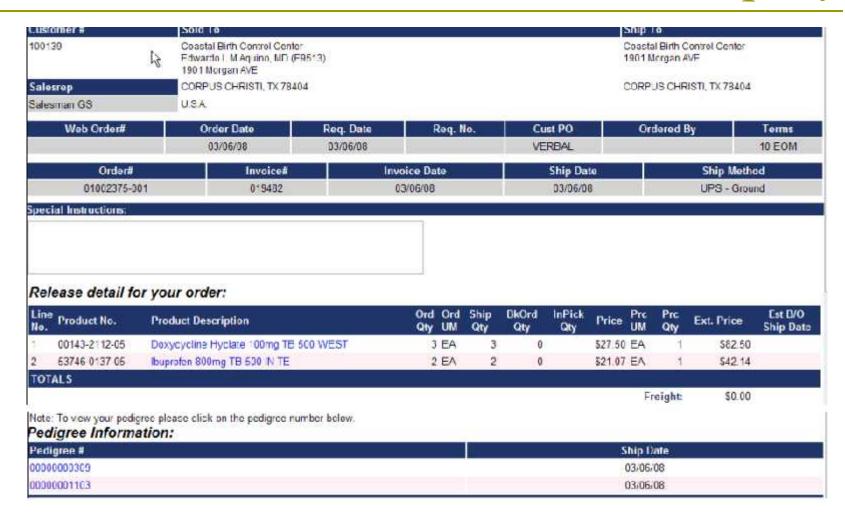
Inventory Transaction by Product

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	Warehous	se	001	WARE	HOUSE						
	Date	06/02/08	TNX	INV	Quantity		-5				
	Serial Num	ber			lumber		Location		igree	Q	uantity
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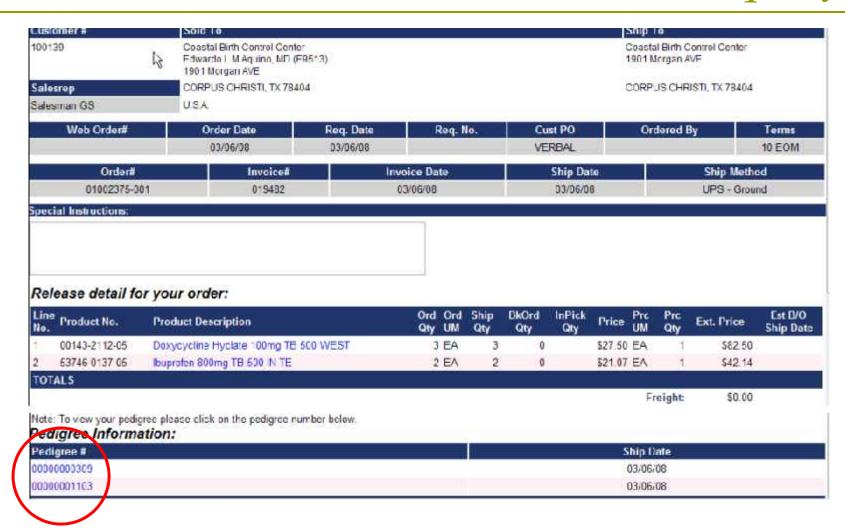
Serial Transaction Inquiry

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n#	Lot No.		Whalec	Quantity	7	Tox	Release#	Price	Cust/Vend No.	DS
Seria			Pedigree	Date		Whs	P/O#/Ref#	Cost	Cust/Vend Name	11.50
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	- Lainte-Constant		00000000197	06/02/08		001	01	1.00	UNIVERSITY MEDICA	L CENT
2 060208A		A-001	7- 1	-1	INV	144173001	2.00	UMC	- 11	
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3	060208A		A-001		্ৰ	INV	144173001	2.00	UMC	
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4	060208A		A-001		্ৰ	INV	144173001	2.00	UMC	
			00000000197	06/02/08		001	01	1.00	UNIVERSITY MEDICA	L CENT
5	060208A		A-001		-1	INV	144173001	2.00	UMC	
			00000000197	06/02/08		001	01	1.00	UNIVERSITY MEDICA	L CENT
6	060208		A-001		-1	RPA	la:	T 1	A1200	ND
101	New York Street			06/02/08	3)	001	132360	1.00	C&RREAL ESTATE	
7	060208		A-001		31	RPA) j		A1200	MI
101				06/02/08		001	132360	1.00	C & R REAL ESTATE	1

Remote Net / Detail Release Inquiry



Remote Net / Detail Release Inquiry



Remote Net / Detail Release Inquiry

Customer#	5	old to			Ship To	
00139	₹ E	oastal Birth Control Cer dwardo L M Aquino, MD 901 Morgan AVE			Coastal Birth Control Center 1901 Morgan AVE	
alesrep	0					ï
Salesman GS	U	1				ь.
Web Order#		1	200		(Wholesaler's Name)	1
Web Order#			PRE	SCRIPTION (LEGEI History of Drug Sales	ND) DRUG PEDIGREE 00000000309	125
		Legend Drug Name	Strength, Dosage	Form. Container Size:	Doxycycline Hyclate 100mg	DINE
Order#		This is a repact	laged drug (sequites re d authentication of rep	packager's pedigree		
01002375-001		NDC: 00143-2112	2-05	and a burther	Reference* Number: 019482 Document Type: Invoice	
T. (1.1.)		Lot Number	Quantity	Unique Sera #	Document type:	I
pecial Instructions:		CLOT0310	11		Reference* Date:03/06/08	-
					gradual to the sale by the relationalier Identified above)	н.
		L	有 自			н.
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		Manufacturer's N	ame	hentication:	(a unit bit it of the control incommutation)	н.
Release detail for y	vour				COLOR DESCRIPTION DE LOS DE LA COLOR DEL COLOR DEL COLOR DE LA COL	н.
		7. Wildesder the	_	AND DESCRIPTION OF THE PARTY OF	or a REPACKAGER (which requires authentication)	-
Line No. Product No. F	Produc	Name: Coastal B Address: Edward			Name: Coastal Birth Control Center Address: 1901 Morgan AVE	B/G Da
	-	CORPUS CHRIS	TI TX 78404	Sup.	CORPUS CHRISTITX 78404	- 04
	Daxycy	Driest Marrier of Da	& Ref':	1/	Date Received & Ref": Print Name of Recipient:	ь.
53746-0137-05	buprofe	Signature of Reci	pient:		Signature of Recipient:	_
TOTALS		Name of Authent	icator:		Name of Authenticator:	
		Signature of Auth		ransaction, contact:	Signature of Authenticator:	г
	unanem	ATCHARGE		The second secon	Name:	н.
lote. To view your pedigree		Telephone numb Email Address:	er		Name: Telephone number: Email Address:	н.
Pedigree Information	on:	Company of the second			Elisali Address.	L.
edigree #		2. #1 Above SOL Name:			SHIPPED TO:	
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0000001103						
					Date Received & Ref*:	-
		Print Name of Re Signature of Reci	cipient:		Print Name of Recipient: Signature of Recipient:	П
		Name of Authenti	cator:		Name of Authenticator:	ш
		Signature of Auth	enticator		Signature of Authenticator	ш

Pedigree Benefits

- Hybrid meeting Government Requirements
- Ability to scan in backup documents
- Tracked from receipt to shipment
- Print / Fax / Email of documents
- Extensive Inquiry Capability