MDS Pedigree Setup and Training Guide

DJF 11/27/07 Update 8/19/2010

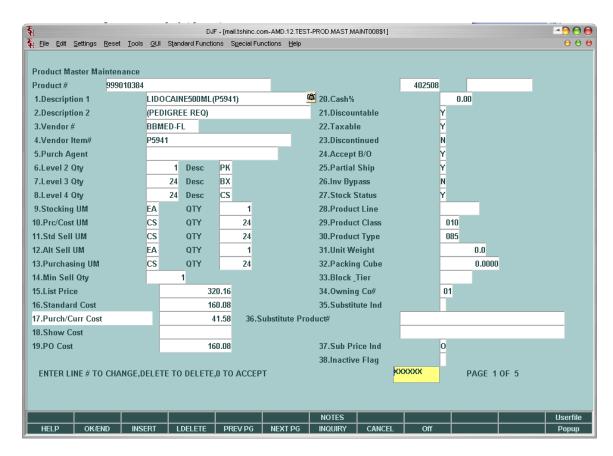
Overview:

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 authenticating 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 create a Pedigree form based open the Florida standard or a generic paper. Alternately the Pedigree can be made available via a distributor's or repackager's website.

All pedigree Items must be setup as lot controlled.

Process Flow

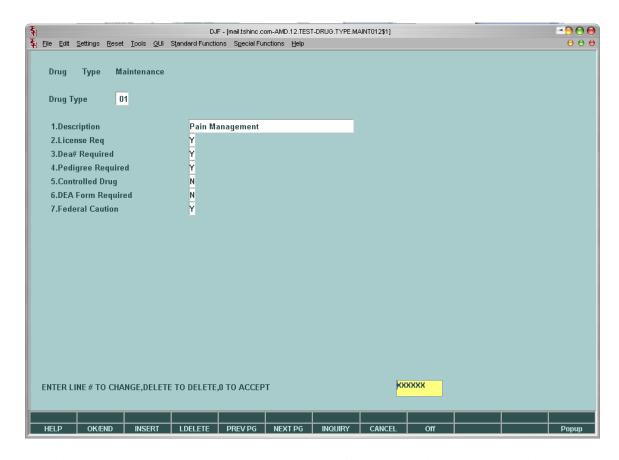
- 1. Product Setup/ Drug Type Maintenance
- 2. Vendor Setup
- 3. Receiving Pedigree Products
- 4. Manually updating inbound Pedigree information
- 5. Scanning in Backup Documentation
- 6. Shipping Pedigree Items
- 7. Updating Outbound Pedigree Information
- 8. Authenticating a Pedigree
- 9. Print/Email/Fax a pedigree
- 10. Pedigree Inquiry/Update
- 11. Pedigree Reprint
- 12. Pedigree Website Inquiry (optional)
- 1. Product Setup



You will need to setup the drug type field – in this case we setup drug type "01" and Expiration Date required (if you want to track expiration dates on the lots) If this is also a controlled (Scheduled) drug that requires a DEA-222 form you can enter this into the drug type maintenance.

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Product Master Maintenance				
Product # 999010384			402508	
39.Minimum GP %	2.00	57.Trans Shipping Ind	S	
40.Maximum GP%	999.99	58.Group Number		
41.Price Hold Bypass		59.Exp Date Required	Y	
42.Disc Break Ind	N	60.Rebatable	Y	
43.Minimum PO Qty	0	61.NDC Number		
44.Dropship Ind	Υ	62.NSN Number		
45.UPC Number		63.Blanket PO	N	
46.UNSPSC		64.PO Group		
47.Manuf. Code		65.Drug Type 01	Pain Management	
48.Manuf. Product#	P5941	66.MSDS Flag		
49.United Product#	B BRAUN MEDICAL, INC.	67.Catch Weight Flag		
50.Contract Cost		68.Min Average Weight	0.0	
51.Expiration Date		69.Max Average Weight	0.0	
52.Warranty Period	0	70.Supply Method		
53.Serial	N	71.Customer		
54.Quantity Factor	1.00	72.Lead Time	0.4	
55.Seasonal Item	N	73.Catalog Page		
56.Temporary Item		74.Mark Up %	0.00	
		75.Pref. Item to Sell		
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The drug type maintenance has a flag for "Pedigree Required", License, DEA# and Controlled and Federal Caution are all other optional flags that will also control how this drug type is handled this document deals with the pedigree.

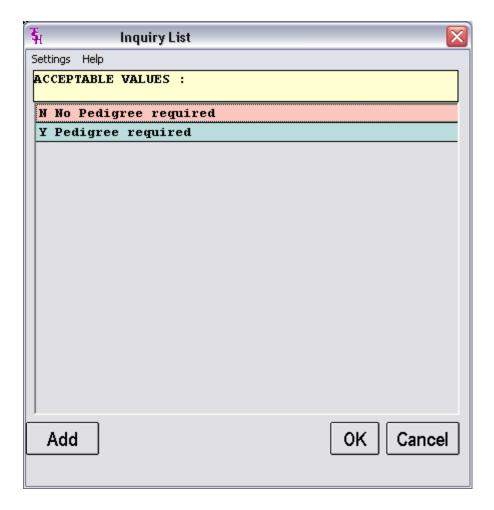


We will also need to have the item setup as Lot Controlled (Product Detail)

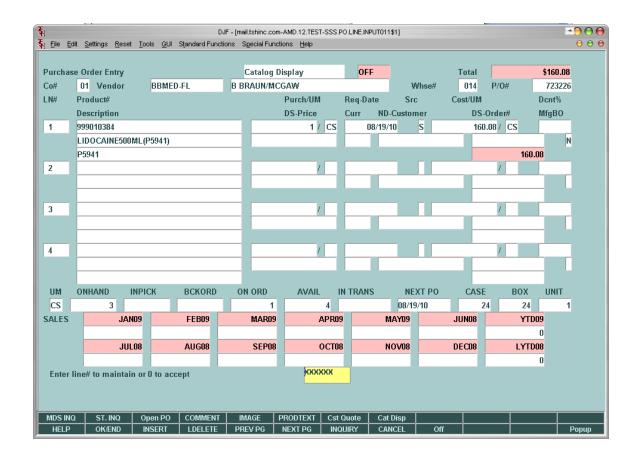
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Product # 999010384		L	IDOCAINE500ML(P5941)	
1.Last Cost 2.STD Cost 3.Message 4.OH Negative Ind 5.Lot/Serial Logic 6.Date Controlled 7.Auto Lot Select 8.Unit/Len Qty 9.Cycle Count Code 10.Multi-Location Pick in Use 11.Solid Case Pick in Use	PEDIGREE REQUIRED Y Y Y U 36		17.Locations 1.	Type OnHand 0 0
12.Solid Case Maximum Pick 13.Primary Location Minimum 14.Primary Location Maximum 15.Solid Case Location Minimum 16.Solid Case Location Maximum Enter Line# to Change, Delete to de	elete, OK to Accept		4. Total OnHand	72 PAGE 1 OF 2
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Once that is setup we move on to step 2. Setting up the vendor to utilize Pedigree

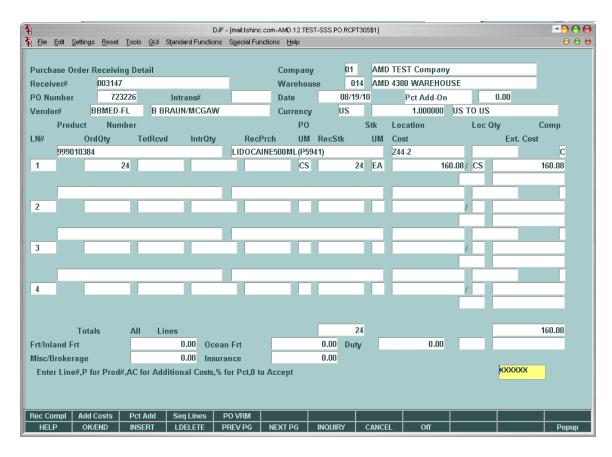
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40.Vendor EDI ID									
41.Company EDI Qualifier									
42.Company EDI ID									
43.Rebate Report (A-Z)									
44.Invoice Copy	N .								
45.Credit Limit									
46.Terms Code									
47.Pedigree Req'd	Y								
48.Allow Drop Ship	Υ								
49.Drop Ship Info									
50.Comments									
51.Web Site ID									
52.Manufacturer Flag Y									
53.Trans Vend		Trans Vend Email							
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55.Credit Card Rpt	56.Credit Card Limit	0.00							
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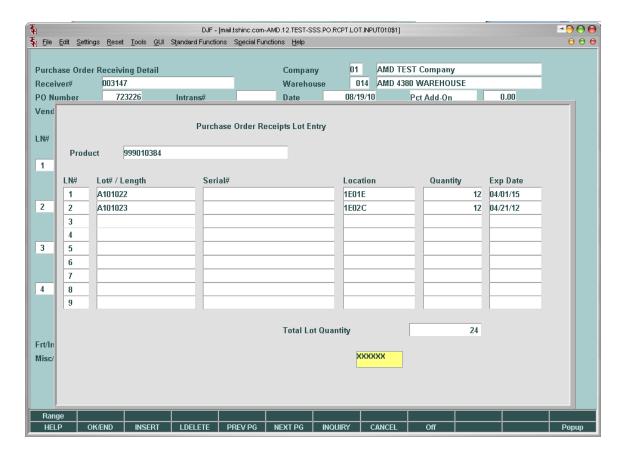
We can now enter a purchase order for the Item we have setup to be pedigree tracked.



Now we receive the goods



Then we enter the detailed lot information, expiration dates (optional) and we can choose a location to put it away to or just take the default location from the product detail.

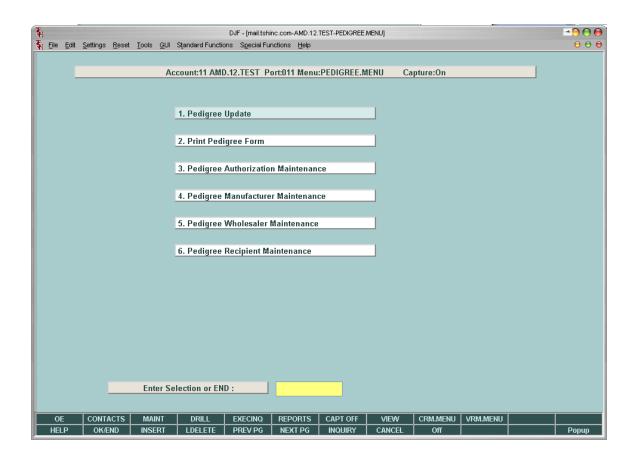


We then accept the review and accept the total receipts – we have the option of telling the system the goods are not on the shelves – rather they are in a the put away location – which might just be the table in the front of the warehouse, however we will still have the pedigree information with the intended destination from the lot entry screen.

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	Receiver	Number							003148	Currency	US	US T	O US		
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At this point the MDS system creates a pedigree with information about the purchase order product and qty with lot details, whom it was purchased form and who it was delivered to.

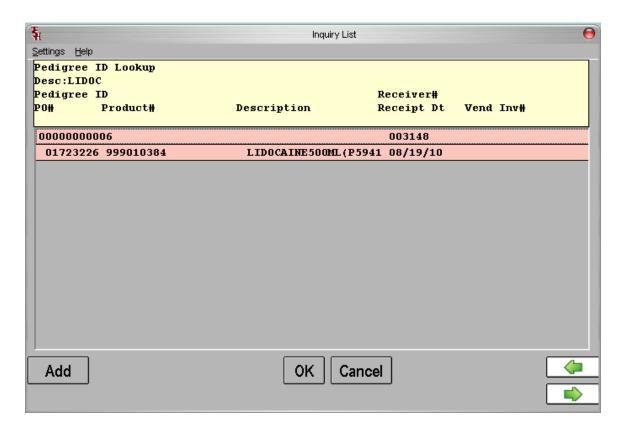
We can now manually update the information into the MDS system and Scan Backup documents such as the paper pedigree we have received – if an electronic e-pedigree is available you would use the same process to import the electronic pedigree. Or the EDI document will be imported using your EDI Menus and Update the Pedigree information.



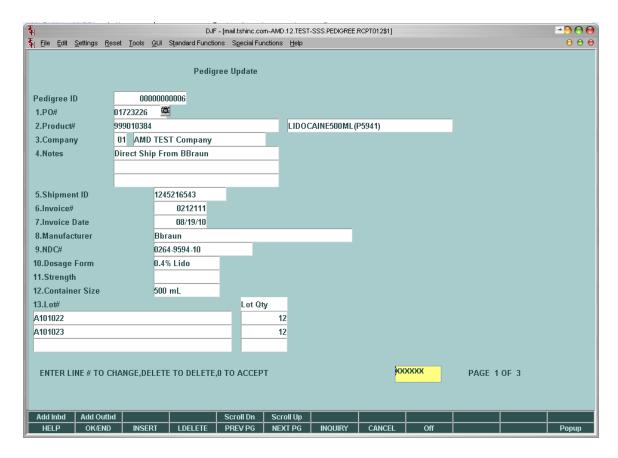
You can search by a number of criteria to find the pedigree the system created



Here is a search for any pedigree for product ADVIL



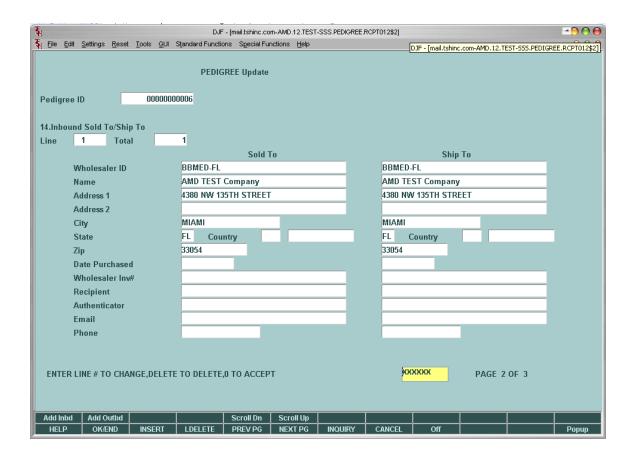
Because the pedigree information was not available electronically we will enter it manually. The po#, product and lots are updated automatically



The next page allows us to update the inbound shipping information Note: many pedigree's have multiple inbound shippers in the supply chain. For example this item was created by BBraun then sent to a Wholesaler then to Our Company. You can have as many steps as needed

By entering F3 or insert or clicking on the "Add Inbd Button" we are able to insert each entry on the Pedigree we received.

To save time on entry you can search thru existing vendors and mfg's in your vendor master table to add to the pedigree



Optionally you can setup each member of the supply chain the the pedigree maintenances.

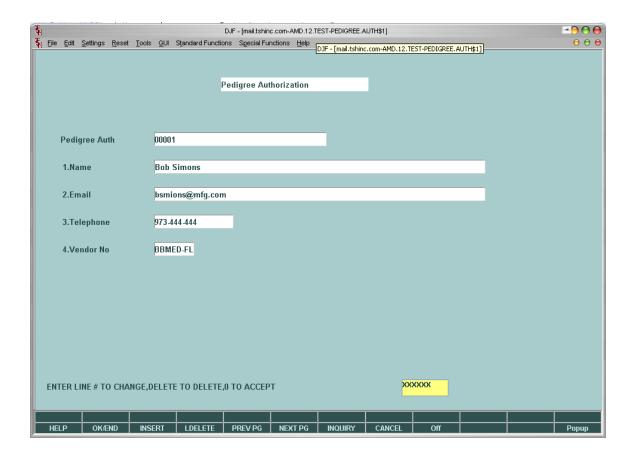
Note: You don't have to have them in your Vendor Table but you would need to have them in your Pedigree related Tables.

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	Pedigree Manufacturer	
Manufacturer	ВВМЕО	
1.Name	B Braun Medical	
2.Address 1		
3.Address 2		
4.Email	sales@bbraun.com	
5.Telephone		
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You may identify them as wholesalers or manufacturers. The only distinction is where the Auth information is tied to.

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1.Name 2.Address 1 3.Address 2 4.City 5.State 6.Zip Code 7.Country 8.Telephone	AMD Test Company	
9.Email		
	DELETE TO DELETE,0 TO ACCEPT	
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You will also have the option of storing all the known authorizing personal at a vendor. If you don't want to store this you may enter is manually on each pedigree.

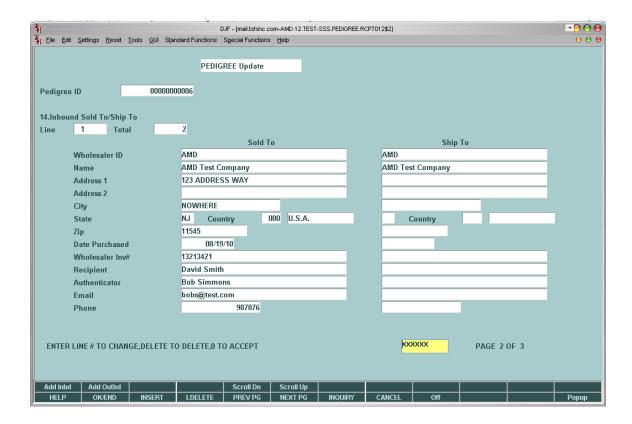


As Digital certificates become more widely used this information will be passed electronically.

In our example we have entered our information manually First we show the creation and shipment from BBraun

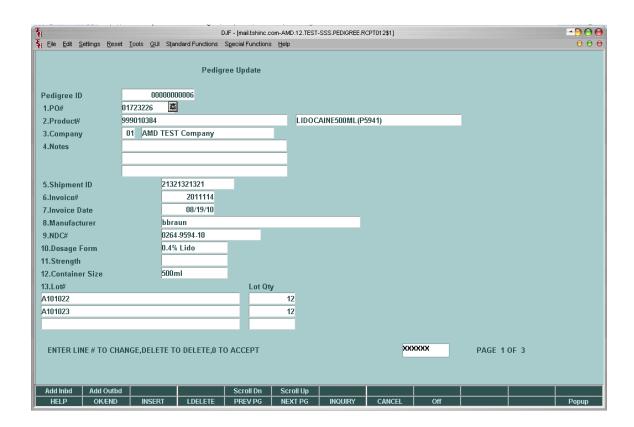
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A	uthenticator		Robert jones	Robert jones							
E	mail		Rjones@bbr	aun.com							
Р	hone		8	889393939							
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Then onto Our Company



Each authenticator is responsible to verify and authenticate the products at each stage in the supply chain. – We are updating that information manually in this example.

Now that we have updated our pedigree we are ready to scan in our backup documentation, IE the pedigree information that was send. Click on the camera to scan in or attach a document.

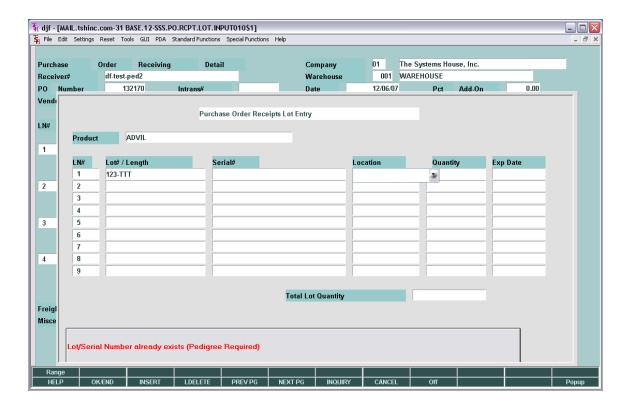




Then by right hand clicking on the po# field we can see this shows us all the documents we scanned and we can right hand click to view them

SPECIAL NOTES:

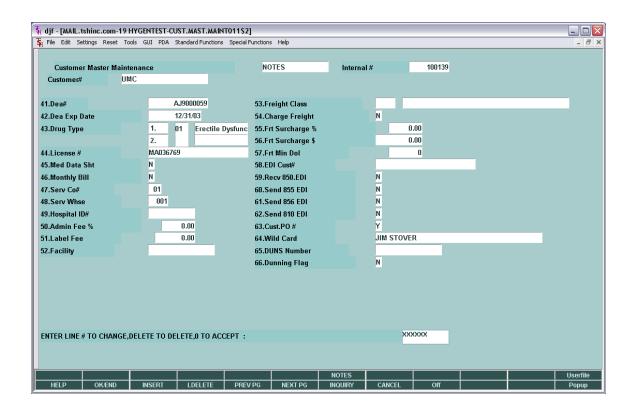
We are separating each pedigree on our shelve, which means we will have to store each pedigree in a unique location/bin. This means that if we have two items with the same lot# in inventory with different pedigree's we must identify them. At this point the MDS system will force you to change to a different location to identify the different pedigree.



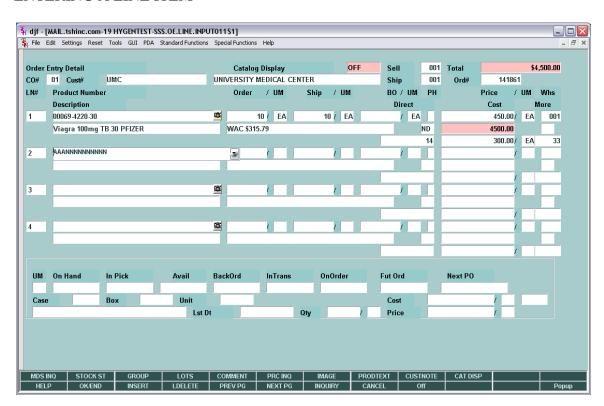
SALES AND SHIPPING

The next step is selling product that has a pedigree on it.

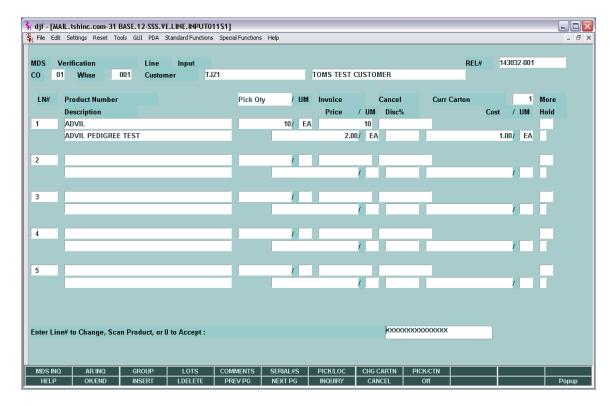
The customer must be setup with the correct drug types



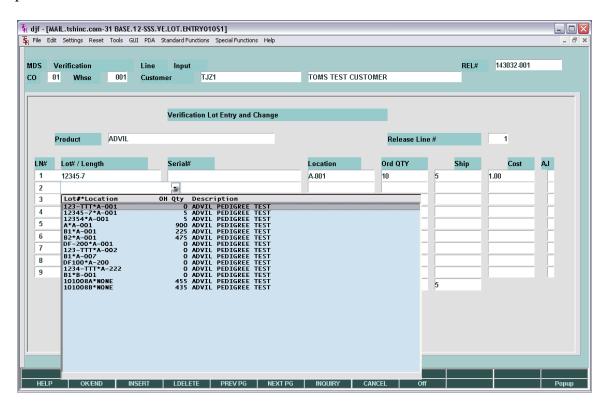
ENTERING A LINE ITEM



Verify the item has shipped

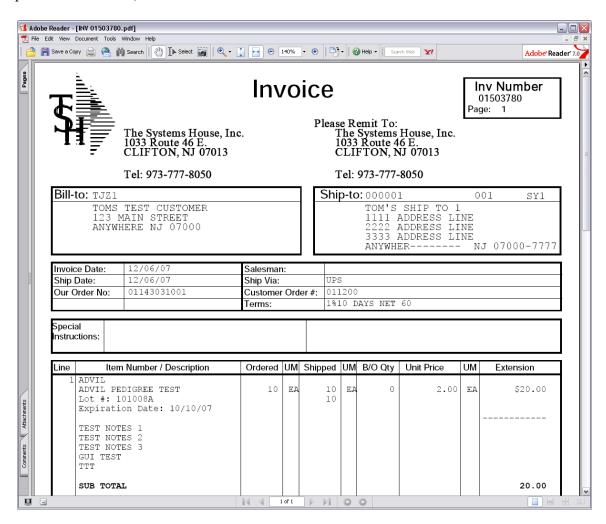


Choose the location and lot combination. And enter the qty shipped - if the lot#'s are printed with a barcode that can be scanned as well.

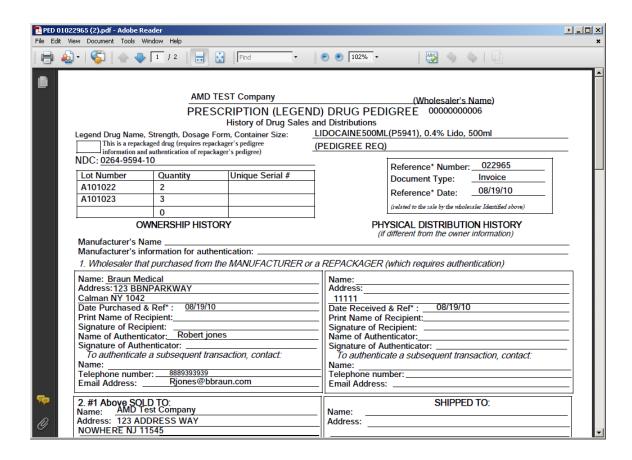


Now that the order has been verified and invoiced it will update the pedigree information into the RELEASE or shipment record

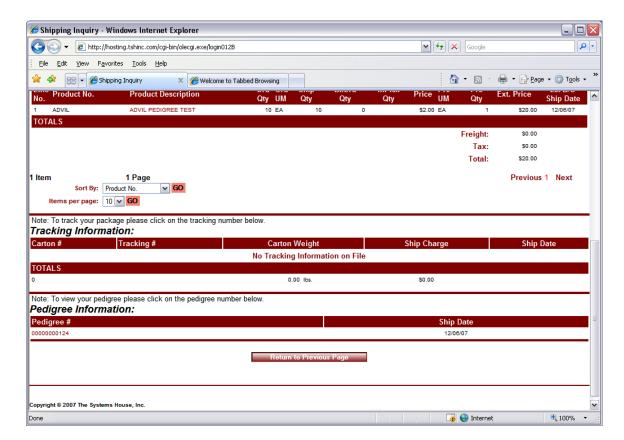
In a model where we are sending the invoice out with a pedigree we will now get two printed documents, our invoice...



And our Pedigree



Alternately – customers can login to the Remotenet Enable Website and View the Pedigree from the detailed release inquiry



Also we can flag the system to automatically print a pedigree with the invoice.

