# Maintaining Serial Numbers Options and Security Bits

## Options

Verify your settings on the following Option IDs prior to using the various serial number functions.

| ID | SubSystem | Description | Current Value | Kept By |
|----|-----------|-------------|---------------|---------|
| 8988 | POS | Show only the serial #'s for this store when selling a serialized item | Y=Show only the serial #'s for this store | Store |
| 8989 | PURCHASING | Allow adding temporary serial #'s during receiving? | Yes | System |
| 8990 | POS | Require Store when adding Serial #'s | Yes | System |

## Eagle Software Release 27.1 and Higher

| ID | SubSystem | Description | Current Value | Kept By |
|----|-----------|-------------|---------------|---------|
| 1787 | INVENTORY | Allow system to auto generate a Serial # if one does not exist | No | System |
| 1788 | POS | Serial # required before invoicing | No | System |
| 1789 | INVENTORY | Allow duplicate serial numbers in Inventory? | Yes | System |
| 3074 | INVENTORY | Physical Inventory - Count serialized items by Serial Number | Yes | System |
| 5818 | INVENTORY | Default price label format used for printing from Serial # Maintenance | Trigger Tag Avery 22802 | System |

Option 1787 "Allow system to auto generate a Serial # if one does not exist" permits you to have the system generate a unique serial number for tracking purposes when an item has no known serial number. It applies to both selling serialized items in POS as well as receiving serialized items in MPO. It can also be used when creating a Service Order for an item which has no serial number and Option 9242 is set to S.

When set to Yes, the POS or receiving clerk will be able to select "No Serial Number (NSN)" or type NSN into the Serial Number field and the system will automatically generate a serial number for that item. The format of the serial number is NSN followed by a 10 digit number. This serial number is added to the item's list of serial numbers in IMU and therefore has all the tracking of a normal serial number.

Option 1788 "Serial # required before invoicing" set to Yes allows you to enforce that each serialized item sold in POS has a serial number entered before the sale can be completed. Use this option if you special order serialized items where the serial number is not known until the item has been received. Or for transfers where the serial number won't be known until the stock has been picked for transfer. This option is recommended if your practice is to enter the serial number before invoicing serialized items on POS sales, orders, special orders, or transfers.

Previously a serial number had to be unique. Option 1789 "Allow duplicate serial numbers in Inventory?" allows you to have the same serial number in Eagle more than once as long as each instance is assigned to a different SKU.  Set Option 1789 to Yes if:

- You encounter the same serial number being assigned to different items.  Manufactures do not have any restrictions when assigning serial numbers, so it is conceivable that the same serial number could exist on completely different items.

- You sell serialized items which you later take in for trade-in.  The serial number will need to exist on both the original SKU as well as on the trade-in SKU.  Therefore, if you take trade-ins you'll want to set option 1789 to Yes.  (Refer to Option 8716 "Prefix of template SKU used for trade-ins" and the online help for details on Eagle's existing Trade-In feature.)

The Serial Number Viewer (SNV) is a new viewer which displays serial numbers for a specific SKU or for all SKUs.   View serial numbers based on their status:  Available, Sold, or All.  For multi-store customers with Option 8990 "Require Store when adding Serial #'s" set to Yes, you can see the serial numbers of a specific store or all stores.

Set the new Option 3074 "Physical Inventory - Count serialized items by Serial Number" to Yes if you want cycle counts and inventory adjustments in the Physical Inventory subsystem to be done by serial number.

Set Option 5818 "Default price label used for printing from Serial # Maintenance" to the label format you want to be used when printing labels for serial numbers entered in receiving.  For firearms you can print a trigger tag using one of these 3 new label formats we've added:

1. Trigger Tag Avery 22802

2. Trigger Tag Avery 22802 UPC

3. Trigger Tag Avery 22802 UPC SERIAL

## Security Bits

| Number | Sub System | Program | Capability | Authorized |
|--------|-----------|---------|-----------|-----------|
| 219 | INVENTORY | INV MNT | View and add serial numbers | Yes |
| 231 | INVENTORY | | Allow UPC/alternate part number report | Yes |
| 584 | POS | POS | Change Serial Number in Quick Recall for Tally-S items | Yes |
| 655 | PURCHASING | PUR&REC | Allow adding serial #'s during Receiving or at Point-Of-Sale | Yes |
| 1,003 | INVENTORY | | Ability to change serial numbers | Yes |
| 1,004 | INVENTORY | | Ability to delete serial numbers | Yes |
| 1,143 | POS | | (MO)Invoice a POS transaction with serialized item(s) without a serial # | No |
| 1788 | POS | | Serial # required before invoicing | Yes |

For best accuracy when using the features found on Eagle Software Release 27.1 and higher, Epicor recommends no longer allowing POS clerks to add serial numbers in POS by setting security bit 655 "Allow adding serial #'s during Receiving or at Point-Of-Sale" to No.

New security bits 1003 "Ability to change serial numbers" and 1004 "Ability to delete serial numbers" work along with existing bits 219 "View and add serial numbers" and 231 "Allow UPC/alternate part number report (RAP)" to ensure only employees with the proper security can add, change, and delete serial numbers.   Set security bit 1143 "(MO) Invoice a POS transaction with serialized item(s) without a serial #" to No and Option 1788 "Serial # required before invoicing" to Yes.

You must have security bit 584 to change the serial number.

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