

## Age Verification

*Applies to SAM4s SAM4POS*

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# Age Verification Feature

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## Overview

Sale of age-restricted items (*i.e. alcohol & tobacco items*) can be controlled at the point of sale by forcing to operator to enter a date of birth before a controlled item can be registered. Different age restrictions may apply to different items (*i.e. alcohol may be allowed at age 21 and tobacco may be allowed at age 18*).

Registering age restricted items alerts the cashier with an error tone and the prompt “Need Age Verification” displays. The cashier must enter the birth date of the customer before allowing the sale of the age restricted item. The Birth-Date entered must be higher than the age required for the sale of the age restricted item. This birth date entry will apply to all item registered in the current sale. If the customer is 18 years old, they may be able to purchase cigarette items but would not be allowed to purchase alcohol items. If the customer attempts to purchase items that have a higher age restriction than the birth date already entered an error tone will sound and the prompt “Need Age Verification” pops-up again.

Many state driver’s licenses have the driver’s data encoded on a magnetic stripe on the back of the license or on a barcode or QR code. When birth date entry is required, the driver’s license can be swiped or scanned at the ECR to verify the customer’s age.

Sam4POS has four different age verification formats available for reading the Birth-Date from the magnetic stripe on the customer driver’s license by swiping on the MCR on the ECR. You will need to program the format specific for your application as necessary, any age verification formats that are not utilized in your area may be deleted.

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**Note: The age verification feature is completely different than the RACSJUUL feature that uses DL parsing to send the Birthdate to the POS. See RACSJUUL Feature on page 12 of this application guide.**

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## Equipment Required

The specific equipment necessary to perform age verification operations will vary depending on the Method used. Refer to the age verification chapters for **Age Verification – MCR** on page 4 or **Age Verification – Scanner** on page 8 as required.

### **Age Verification – MCR**

#### **MCR SAPPHIRE-A60/A70**

- Item #: 503330 MCR Track 1, 2 & 3 (Standard)
- Item #: 101539 MCR Connector Cover (If MCR is Not Installed)

#### **MCR SAP-630/530**

- Item #: 520051 – Optional, need to order separately.

#### **MCR SAP-6600II/6600**

- Item # 503133 – Comes standard with terminal.

### **Age Verification – Scanner**

#### **CODE 950 USB SCANNER**

- Item #: 110404-U – 1D\2D Barcode Scanner

# Age Verification – MCR

Many state drivers' licenses encode the driver's identification information on a mag stripe on the license. When age entry is required, the driver's license can be swiped at the Sam4POS station using an integrated MCR for the age verification. This feature is enabled by identifying the appropriate track data on the license for the setting on the Age Verification program screen.

There are four age verification formats available in the SAM4POS. Program the format specifically for your application as necessary. You can delete any age verification formats in the list that are not utilized in your area, formats can be added back if necessary.

Operate by swiping the driver's license or State ID (*or manually entering the date*) when the CUSTOMER DATE OF BIRTH window displays.

## **Programming Required:**

- General Option → Enable Card Read
- PLU → PLU Status Group & PLU programming
- Device → Card Read Format → Age Verification

## **Optional Programming:**

- General Option → Do Not Allow Manually Entered Age Verification Date
- Print Option → Print Age Verified Message Instead Of Date Of Birth

## **Equipment Required:**

### **MCR SAPPHIRE-A60/A70**

- Item #: 503330 MCR Track 1, 2 & 3 (Standard)
- Item #: 101539 MCR Connector Cover (If MCR is Not Installed)

### **MCR SAP-630/530**

- Item #: 520051 – Optional, need to order MCR separately.

### **MCR SAP-6600II/6600**

- Item # 503133 – Comes standard with terminal.

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**Note:** On SAP-4800 Terminals, Be sure the “**MSR Setting**” programming (Refer to the *Sam4POS Programming Manual* for details) is correct prior to programming the Age Verification.

**Note:** When deciding the **START** number in the **Column of Number**, do not include the Sentinel Character and any characters (*i.e.* = , ; , %) that may appear within the data line.

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# Options

Only the options related to Age Verification are shown here. Refer the Sam4POS Programming Manual for the complete list of all options & definitions.

## General Option

The General Option to enable the card reader must be selected to be able to use the MCR for age verification.

Go to: *Program Mode* → *Options* → *Options* → *General Option*

### **ETC**

#### **ENABLE CARD READ**

This option must be checked to allow the integrated card reader (*MCR*) to be used for swiping a state issued ID \ Driver's License for age verification.

### **Sale**

#### **DO NOT ALLOW MANUALLY ENTERED AGE VERIFICATION DATE (ADDED IN V2.0.162)**

Optionally, we can select this option to disable the ability to manually enter a B-Date.

When the Need Age Verification dialog displays, if you attempt to type in a birthdate, the error message MUST SCAN OR SWIPE displays. Only scanning or swiping of a license or ID is allowed.

## Print Option

Optionally, you can edit the display to show the date of birth or the Age Verified message.

Go to: *Program Mode* → *Options* → *Options* → *Print Option*

### **Receipt & Journal**

#### **PRINT AGE VERIFIED MESSAGE INSTEAD OF DATE OF BIRTH**

When selected, AGE VERIFIED will print on receipts and display on the register screen instead of the customer Birth Date.

# Device

Go to: *Program Mode* → *Device* → *Card Read Format* → *Age Verification*

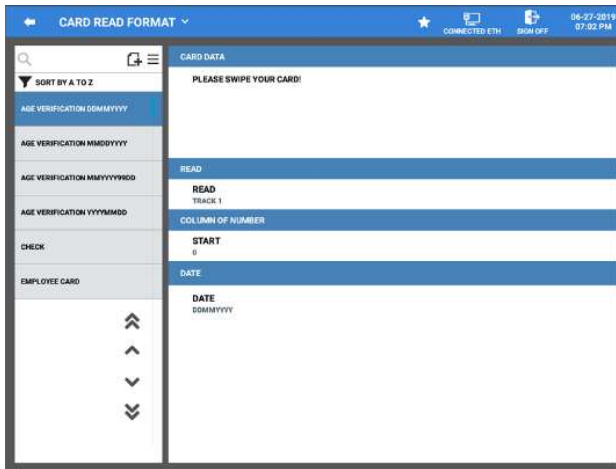
## Card Read Format – Age Verification – MCR

The Card Read Format programming determines the card data (*on Drivers Licenses or State issued ID cards with magnetic strip on the card*) that will be utilized when the using the MCR for Age Verification. There are four age verification formats available in the SAM4POS.

- **DDMMYYYY**
- **MMDDYYYY**
- **MMYYYY99DD**
- **YYYYMMDD**

Program the format specific for your application as necessary or add additional formats as necessary, any age verification formats that are not utilized in your area may be deleted.

1. Select **CARD READ FORMAT** from the **DEVICE** menu. The selection screen below displays:



2. Swipe the Driver's License or State Issued ID Card to view the data on the card.



3. Select the appropriate Age Verification format in the left-hand column:
  - **Age Verification** – Four age verification card types are available. Program the format specific for your application as necessary.
4. Set the parameters for the card format type you selected.

## Card Read Format Settings

### Card Data

#### PLEASE SWIPE YOUR CARD!

Swipe the Drivers License or state issued ID Card to view data – Card data is displayed so you can set the Format settings accordingly. Count from the left to the right to where the age stats.

### Read

#### READ

**READ** – Choose which track has the birthdate information; Track1, Track2, or Track3.

### Column Of Number

#### COLUMN OF NUMBER –

**START** – Enter the column number where the birthdate Starts on the Drivers License or state issued ID Card. (*Ignoring any sentinel character.*)

### Date

#### DATE

The date format selected is displayed; Example: YYYYMMDD

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## PLU Programming

To set up age verification, you will need to create separate PLU Status Groups for each different age restricted product type and create PLU's for each different age restricted product.

*For Example: Age 18, Age 21, Age 65 (tobacco items, liquor items, etc.).*

## PLU Status Group

You will need to create separate PLU Status Groups for each different age restricted product type (*liquor items, tobacco items, etc.*).

Go to: **PROGRAM MODE** → **PLU** → **PLU STATUS GROUP**

### General

#### NEED AGE VERIFICATION

Enter the age required to purchase this age restricted product (example: 18 or 21). You will need a separate PLU Status Group for each age requirement. (Example: 18, 21, 65, etc.)

When a PLU is registered that is assigned to one of these PLU Status Groups, the operator will be forced to enter a date of birth that indicates an age higher than the age as specified in the age verification setting.

## PLU

Create all your PLU Items that require age verification as necessary and assign the appropriate PLU Status Group to those age restricted items.

Go to: **PROGRAM MODE** → **PLU** → **PLU**

### General

#### PLU STATUS GROUP LINK

Assign the age verification PLU Status Group to PLU's that require age verification.

**NOTE:** The **GOTO** button allows you to go to the programming options for that PLU status group.

# Age Verification – Scanner

Many state drivers' licenses encode the driver's identification information on a barcode or QR code. When age entry is required, the driver's license can be scanned to verify the customer satisfies the age restriction set for the purchase of the age restricted item.

The Sam4POS terminals can scan driver's Licenses using either serial or USB scanners for age verification without very much setup at the terminal.

## **Required Programming:**

- PLU Status Group & PLU programming.
- Device Setting & Mapping (for serial scanners).  
USB scanners require no setup in Sam4POS.  
However, some scanners, such as CODE scanners, may require additional setup for use on Sam4POS.

## **Optional Programming:**

- General Option → Do Not Allow Manually Entered Age Verification Date
- Print Option → Print Age Verified Message Instead Of Date Of Birth

**NOTE:** Our testing indicated that no additional setup or add-on DL Parsing file was necessary on Sam4POS to use the basic Age Verification with the scanners listed below.

## **Any scanner would work such as:**

- **CR950** – Can Integrate with Sam4POS.
  - Item #: **110404-U** (USB)
  - Item #: **110404-S** (Serial – No power supply)
  - Item #: **110404-SP** (Serial – With power supply)
- **CR5215** – Can be used as a standalone scanner for Age Verification; would need to disable standalone age verification to integrate with Sam4POS. Uses the same configuration codes as the CR950 scanner.
  - Item #: **110405-U** (USB)
  - Item #: **110405-SP** (Serial – With power supply)
- **CR5025** – Can be used as a standalone scanner for Age Verification; would need to disable standalone age verification to integrate with Sam4POS.
  - Item #: **110403-U** (USB)

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## Scanner Notes:

CODE scanners are image scanners; they take a picture and process it. Image scanners may be slower since they are processing an image. You will need to scan the setup codes for the scanner for it to work properly with Sam4POS. When the initial setup codes have been scanned, the Code scanners will work for basic age verification with no additional configuration necessary.

- One thing to inform the user is that they need to pull the trigger and wait...it may take several seconds to respond. A common mistake cashiers make is that if it doesn't register right away they pull the trigger again. Each time the trigger is pulled, the process starts over.

If you want to use a different model scanner, it must have the ability to scan a 2D barcode and have the driver licenses parsing feature. The dealer will need to figure out how to program the scanner to send just the birthday to the Sam4POS when the Driver's license is scanned.

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**Note: The age verification feature is completely different than the JUUL feature that uses DL parsing to send the Birthdate to the POS. For use with the RACSJUUL feature you will need to use a USB scanner and purchase the DL Parsing code. The QR code for DL Parsing is specific to the scanner serial number.**

**See RACSJUUL Feature on page 21 of this application guide.**

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## Options

Only the options related to Scanning for Age Verification are shown here. Refer the Sam4POS Programming Manual for the complete list of all options & definitions.

### General Option

Go to: *Program Mode* → *Options* → *Options* → *General Option*

#### **Sale**

##### **DO NOT ALLOW MANUALLY ENTERED AGE VERIFICATION DATE (ADDED IN V2.0.162)**

Optional setting, select this option to disable the ability to manually enter a B-Date.

When the Need Age Verification dialog displays, if you attempt to type in a birthdate, the error message MUST SCAN OR SWIPE displays. Only scanning or swiping of a license or ID is allowed.

### Print Option

If desired, you can edit the display to show the date of birth or the Age Verified message.

Go to: *Program Mode* → *Options* → *Options* → *Print Option*

#### **Receipt & Journal**

##### **PRINT AGE VERIFIED MESSAGE INSTEAD OF DATE OF BIRTH**

Optional setting: When selected, AGE VERIFIED will print on receipts and display on the register screen instead of the customer's Birth Date.

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# Device

Serial scanners require the device port settings be programmed to match the scanner settings and the scanner will need to be mapped to the station. USB scanners connected to the terminal would not require any port programming; Simply plug in the USB scanner.

**Important:** Some scanners (such as Code scanners) may require specific scanner setup to operate with Sam4POS.

The standard age verification feature will accept scanned data when the prompt for enter birthdate is displayed. The scanner needs to be configured to send the birthdate. (Requires v2.0.15 or later.)

Go to: **Program Mode** → **Device** → **Device** → **Device Setting**

## Device Setting Serial Scanner

### General

**DEVICE MODEL**

General Scanner

**COMMUNICATION TYPE**

Serial

### Serial

**COM PORT**

COM1 thru COM4

/dev/tty/USB0 – only available when USB to RS-232 converter is connected to the terminal

**BAUD RATE**

1200, 2400, 9600, 19200, 38400, 57600, 115200

**STOP BIT**

1 or 2

**DATA BITS**

7 or 8

**FLOW CONTROL**

NONE, XON\_XOFF (SW), RTS\_DTS (HW)

**PARITY**

NONE, EVEN, ODD

## Device Mapping

Map the Scanner to the Station: **PROGRAM MODE** → **DEVICE** → **DEVICE MAPPING**

**Input Description:** Type a description for the device (up to 30- characters).

**Select Device:** From the list of available devices as set in the Device Setting screens.

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# PLU Programming

To set up age verification, you will need to create separate PLU Status Groups for each different age restricted product type and create PLU's for each different age restricted product.

*For Example: Age 18, Age 21, Age 65 (tobacco items, liquor items, etc.).*

## PLU Status Group

You will need to create separate PLU Status Groups for each different age restricted product type (*liquor items, tobacco items, etc.*).

Go to: **PROGRAM MODE** → **PLU** → **PLU STATUS GROUP**

### **General**

#### **NEED AGE VERIFICATION**

Enter the age required to purchase this age restricted product (example: 18 or 21). You will need a separate PLU Status Group for each age requirement. (Example: 18, 21, 65, etc.)

When a PLU is registered that is assigned to one of these PLU Status Groups, the operator will be forced to enter a date of birth that indicates an age higher than the age as specified in the age verification setting.

## PLU

Create all your PLU Items that require age verification as necessary and assign the appropriate PLU Status Group to those age restricted items.

Go to: **PROGRAM MODE** → **PLU** → **PLU**

### **General**

#### **PLU STATUS GROUP LINK**

Assign the age verification PLU Status Group to PLU's that require age verification.

**NOTE:** The **GOTO** button allows you to go to the programming options for that PLU status group.

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# Age Verification Operation

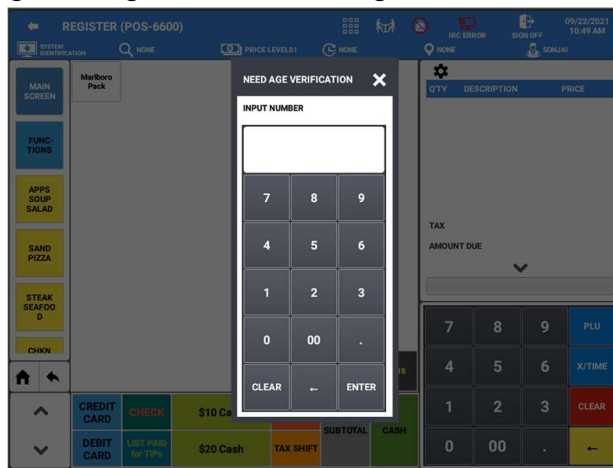
Registering age restricted items alerts the cashier with an error tone and the “Need Age Verification” dialog displays. The cashier must enter the birth date of the customer using the keypad on the notification dialog before allowing the sale of the age restricted item. The Birth-Date that is entered must be higher than the age restriction set for the sale of the age restricted item. This birth date entry will apply to all item registered in the current sale.

For example: If the customer is 18 years old, they may be able to purchase cigarette items but would not be allowed to purchase alcohol items requiring the customer to be age 21 or older. If the customer attempts to purchase items that have a higher age restriction than the birth date already entered, an error tone will sound and the “Need Age Verification” notification dialog pops-up again.

Many state driver’s licenses have the driver’s data encoded on a magnetic stripe on the back of the license or on a barcode or QR code. When birth date entry is required, the driver’s license can be swiped or scanned at the ECR to verify the customer’s age.

Operate by Swiping the driver’s license or State ID using the MCR or scanning the driver’s license or ID when the NEED AGE VERIFICATION dialog displays.

1. Register an age restricted item is registered into a sale. The Need Age Verification dialog displays.



2. When the Need Age Verification dialog appears,
  - **Key in** the customers birthdate in the Proper format.
  - **Scan or Swipe** the customers **Driver’s License** or **State issued ID**.

# Age Verification Bypass MACRO

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## Overview

For customers that are obviously over 21, Sam4POS has the ability to use an Age-Bypass Macro that employees can press which will enter the age verification procedure automatically. Separate macros can be created if different age restrictions apply for various age restricted items. The macro will require a PLU to be setup to for each age restriction required (*18, 21, 65, etc.*) for your application.

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### NOTES:



- **It is not recommended to use an Age Verification MACRO to bypass the age restriction operation in live installations!** This gives any employee the ability to bypass the age restriction\verification requirement which completely nullifies the age verification feature.
  - You Cannot use an Age Verification MACRO if the General Option: Do Not Allow Manually Entered Age Verification is selected.
  - **The birth date entry for each age verification MACRO must be edited every day to be accurate!**
  - An age verification **MACRO CANNOT** be used with **RACSJUUL** or with **BandyWorks!**
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### **Programming Required**

- **PLU**
  - **PLU Status Group** – for each Age Restriction
  - **PLU** – for each Age Restriction\Verification age
- **MACRO** – for each Age Restriction Bypass Operation

### **Optional Programming**

- **HASH Options**

# PLU Programming

To set up an age verification bypass Macro, you will need to create separate PLU Status Groups for each Age Verification PLU and for each different age restricted product type, then create PLUs for each of the desired age restrictions. *For Example: Age 18, Age 21, Age 65 (tobacco items, liquor items, etc.).*

## PLU Status Group

You will need to create separate PLU Status Groups for each Age Verification Bypass PLU and for each different age restricted product type. *For Example: Age 18, Age 21, Age 65 (tobacco items, liquor items, etc.).*

### Age Verification-Bypass PLU – PLU Status Group

1. From the main **Program Mode** menu select **PLU**, select **PLU Status Group** from the menu selections to access PLU Status Group programming.
2. Enter a **DESCRIPTION** for the age restricted PLU Status Group, and enter the age required to purchase this item in the **NEED AGE VERIFICATION** setting. Additional Settings:
  - a. Set the PLU Status Group as **HASH** (so it doesn't add to PLU & sales totals).
  - b. **Uncheck** all PLU Print options: Print on Receipt, Journal, Guest Check, etc.
  - c. **Uncheck** the ETC option: Display On Register Screen.

DESCRIPTION	Age 21 Verification	
HASH ITEM		<input checked="" type="checkbox"/>
GALLONAGE ITEM		<input type="checkbox"/>
FOOD STAMP ITEM		<input type="checkbox"/>
SCALE NONE		<input checked="" type="checkbox"/>
AUTO TARE NONE	<input type="button" value="GOTO"/>	<input checked="" type="checkbox"/>
STOCK ITEM		<input type="checkbox"/>
PLU GIFT CARD ITEM NONE		<input checked="" type="checkbox"/>
NEED AGE VERIFICATION 21		<input checked="" type="checkbox"/>

“Age 21 PLU Status Group:” Need Age Verification = 21

## Age Restricted Items – PLU Status Group

The setup for your Age Restricted Items PLU Status Groups is the same as for the Age Verification PLU Status Groups except that you will check the Print & Display settings and set it to display on the register screen.

1. From the main **Program Mode** menu select **PLU**, select **PLU Status Group** from the menu selections to access PLU Status Group programming.
2. Enter a **DESCRIPTION** for the PLU Status Group to be used with your age restricted items, and enter the age required to purchase this item in the **NEED AGE VERIFICATION** setting. Additional Setting:
  - a. **Uncheck** the **HASH ITEM** setting so these items add to PLU & sales totals.
  - b. **Check** all PLU PRINT options: Print Receipt, Journal, Print on Guest Check, etc.
  - c. **Check** the ETC option: Display On Register Screen.

DESCRIPTION	LIQUOR	X
HASH ITEM		<input type="checkbox"/>
GALLONAGE ITEM		<input type="checkbox"/>
FOOD STAMP ITEM		<input type="checkbox"/>
SCALE		<input checked="" type="checkbox"/>
NONE		
AUTO TARE		<input checked="" type="checkbox"/>
NONE	GOTO	
STOCK ITEM		<input type="checkbox"/>
PLU GIFT CARD ITEM		<input checked="" type="checkbox"/>
NONE		
NEED AGE VERIFICATION		<input checked="" type="checkbox"/>
21		

*"Liquor PLU Status Group:" Need Age Verification = 21*

# Age Verification PLU Status Groups Examples

## Age Verification Bypass PLU - PLU Status Group

DESCRIPTION	Age 21 Verification	
HASH ITEM		<input checked="" type="checkbox"/>
GALLONAGE ITEM		<input type="checkbox"/>
FOOD STAMP ITEM		<input type="checkbox"/>
SCALE	NONE	<input checked="" type="checkbox"/>
AUTO TARE	NONE	<input checked="" type="checkbox"/>
STOCK ITEM		<input type="checkbox"/>
PLU GIFT CARD ITEM	NONE	<input checked="" type="checkbox"/>
NEED AGE VERIFICATION	21	<input checked="" type="checkbox"/>

"Age 21 PLU Status Group:" Need Age Verification = 21

## Age Restricted Items - PLU Status Group

DESCRIPTION	LIQUOR	
HASH ITEM		<input type="checkbox"/>
GALLONAGE ITEM		<input type="checkbox"/>
FOOD STAMP ITEM		<input type="checkbox"/>
SCALE	NONE	<input checked="" type="checkbox"/>
AUTO TARE	NONE	<input checked="" type="checkbox"/>
STOCK ITEM		<input type="checkbox"/>
PLU GIFT CARD ITEM	NONE	<input checked="" type="checkbox"/>
NEED AGE VERIFICATION	21	<input checked="" type="checkbox"/>

"Liquor PLU Status Group:" Need Age Verification = 21

DESCRIPTION	Age 21 Verification	
PLU PRINT		
PRINT RECEIPT		<input type="checkbox"/>
PRINT JOURNAL		<input type="checkbox"/>
PRINT ON GUEST CHECK		<input type="checkbox"/>
PRINT PRICE ON GUEST CHECKS?		<input type="checkbox"/>
PRINT PRICE ON RECEIPT/DETAIL?		<input type="checkbox"/>

DESCRIPTION	LIQUOR	
PLU PRINT		
PRINT RECEIPT		<input checked="" type="checkbox"/>
PRINT JOURNAL		<input checked="" type="checkbox"/>
PRINT ON GUEST CHECK		<input checked="" type="checkbox"/>
PRINT PRICE ON GUEST CHECKS?		<input checked="" type="checkbox"/>
PRINT PRICE ON RECEIPT/DETAIL?		<input checked="" type="checkbox"/>


DESCRIPTION	Age 21 Verification	
COLOR TO DISPLAY ON KV (0-31)	0	<input checked="" type="checkbox"/>
INVERSE \ RED PRINT ON KITCHEN PRINTERS?		<input type="checkbox"/>
AUTOMATIC HOLD ITEM		<input type="checkbox"/>
PRINT PLU PRICE ON KP		<input type="checkbox"/>
LABEL PRINT		
LABEL PRINT		<input type="checkbox"/>
ETC		
LINKED PLU	NONE	<input checked="" type="checkbox"/>
DISPLAY ON REGISTER SCREEN?		<input type="checkbox"/>

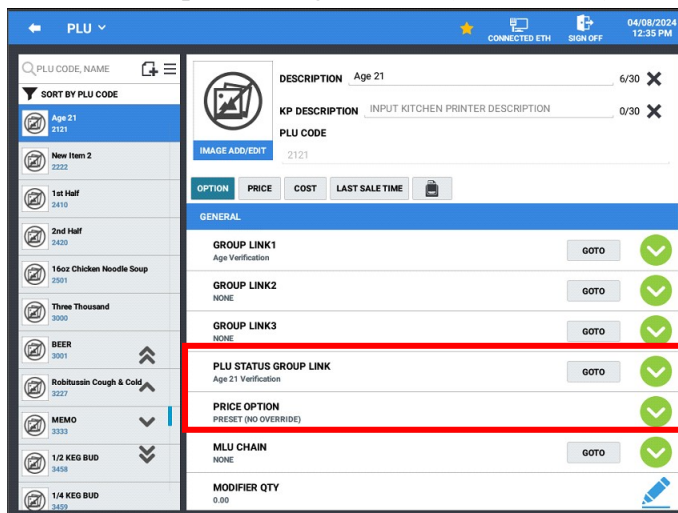
DESCRIPTION	LIQUOR	
COLOR TO DISPLAY ON KV (0-31)	0	<input checked="" type="checkbox"/>
INVERSE \ RED PRINT ON KITCHEN PRINTERS?		<input type="checkbox"/>
AUTOMATIC HOLD ITEM		<input type="checkbox"/>
PRINT PLU PRICE ON KP		<input type="checkbox"/>
LABEL PRINT		
LABEL PRINT		<input type="checkbox"/>
ETC		
LINKED PLU	NONE	<input checked="" type="checkbox"/>
DISPLAY ON REGISTER SCREEN?		<input checked="" type="checkbox"/>

# PLU

Create separate PLUs for each of the desired age restriction/verification bypass items: *For example: Tobacco items, Liquor items, etc.* **Note:** You Cannot use an age verification MACRO with the RACS\JUUL feature!

## Age Verification PLU

1. From the main **Program Mode** menu, select **PLU** to view the PLU menu selections, then select **PLU** again to access PLU programming.
2. Press the **Add record**  icon to Add/Create an **Age 21 PLU** to be used with the age verification bypass MACRO.
  - a. Assign the **PLU Status Group** used for Age Verification to this new **Age 21 PLU**. For this example, we used the PLU Status Group “**Age 21 Verification**” which has the age restriction set for age 21.
  - b. Set the **Price Option** setting as **Preset (No Override)** or as **Preset (Allow Override)**.



## Age Restricted PLU's

3. Create all your PLU Items that require age verification as necessary and assign the appropriate PLU Status Group to those age restricted items.

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# Options

Go to: *Program Mode* → *Options* → *Options*

## General Option

### **Sale**

**DO NOT ALLOW MANUALLY ENTERED AGE VERIFICATION DATE (ADDED IN V2.0.162)**

You cannot use this setting when using a MACRO to enter a customer's birth date.

## Print Option

If desired, you can edit the display to show the date of birth or the Age Verified message.

### **Receipt & Journal**

**PRINT AGE VERIFIED MESSAGE INSTEAD OF DATE OF BIRTH**

Optional setting: When selected, AGE VERIFIED will print on receipts and display on the register screen instead of the customer's Birth Date.

## HASH Option

For the Age Verification PLU, we would typically leave all the HASH Option selections Unchecked.

### **HASH**

UPDATES SALE (RECEIPT) TOTAL  
ADDS TO GROSS SALE TOTAL  
ADDS TO NET SALE TOTAL  
UPDATES HASH TTL ON FINAN/SFT RPT  
UPDATES TIME PERIOD REPORT  
UPDATES GROUP REPORT  
UPDATES INDIVIDUAL PLU TOTALS  
ADDS TO OVERALL PLU TOTALS  
UPDATES DRAWER TOTALS REPORT

For the Age Verification PLU, we would leave all the HASH Option selections Unchecked.

# MACRO

Separate macros can be created if different age restrictions apply for various age restricted items. The macro will require a PLU to be setup to for each age restriction required (18, 21, 65, etc.) for your application.

## Bypass Age-Verification MACRO

Create a MACRO to bypass the Age Restriction\Verification. A Pop-Up option is available for each line in a MACRO:

- POP-UP = Y (*checked*) is used if you want the keystroke to be entered in a POP-UP box.

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### NOTES:



- **It is not recommended to use an Age Verification MACRO to bypass the age restriction operation in live installations!** This gives any employee the ability to bypass the age restriction\verification requirement which completely nullifies the age verification feature.
  - **The birth date entry for each age verification MACRO must be edited every day to be accurate!**
  - You Cannot use an Age Verification MACRO if the General Option: Do Not Allow Manually Entered Age Verification is selected.
  - An age verification **MACRO CANNOT** be used with **RACS\JUUL** or with **BandyWorks!**
- 

1. Select **FUNCTION KEY** from the main **PROGRAM MODE** menu screen; select **MACRO KEY** from the function key menu selections.
2. Add a new **Age 21 MACRO** for the age verification bypass.
3. Enter the keystrokes for the Age 21 MACRO:
  - a. **Age 21 PLU**
  - b. Enter each of the **Numeric Values** for the **Birth-Date entry**.
    - Check the **POP-UP** selection for each entry. The birthdate entry depends on the setting from: Program Mode → PLU → PLU Status Group: NEED AGE VERIFICATION setting.
  - c. Add the **ENTER** function key for the last keystroke; check the **POP-UP** selection..
4. When all the MACRO keystrokes are all entered, it will appear as shown below. The **POP-UP** option will be selected for the Birth-Date numeric entries and the ENTER key, but not for the Age 21 PLU.

ORDER	DESCRIPTION	TYPE	POP UP
<input type="checkbox"/>	Age 21 / 2121	PLU	<input type="checkbox"/>
<input type="checkbox"/>	1	FUNCTION KEY	<input checked="" type="checkbox"/>
<input type="checkbox"/>	9	FUNCTION KEY	<input checked="" type="checkbox"/>
<input type="checkbox"/>	9	FUNCTION KEY	<input checked="" type="checkbox"/>
<input type="checkbox"/>	7	FUNCTION KEY	<input checked="" type="checkbox"/>
<input type="checkbox"/>	0	FUNCTION KEY	<input checked="" type="checkbox"/>
<input type="checkbox"/>	1	FUNCTION KEY	<input checked="" type="checkbox"/>
<input type="checkbox"/>	0	FUNCTION KEY	<input checked="" type="checkbox"/>
<input type="checkbox"/>	1	FUNCTION KEY	<input checked="" type="checkbox"/>
<input type="checkbox"/>	ENTER	FUNCTION KEY	<input checked="" type="checkbox"/>

5. Assign the **Age 21 MACRO** to an **MLU** or **FLU**.

# Bypass Age-Verification MACRO Operation

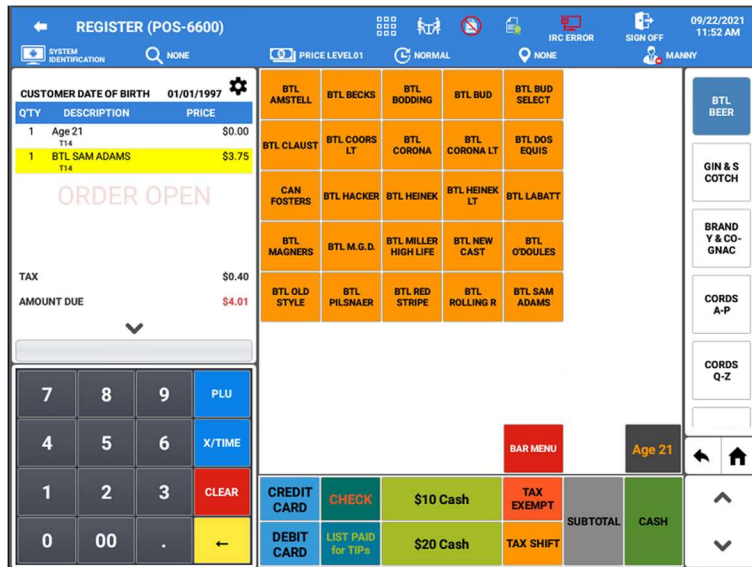
Typically, when an item requiring age verification is registered, the Age Verification dialog displays; The cashier would need to type in the B-Date to continue the sale. To bypass the requirement for Birth-Date entry, you would need to press the Age 21 MACRO prior to registering your age restricted items.

## NOTES:



- **It is not recommended to use an Age Verification MACRO to bypass the age restriction operation in live installations!** This gives any employee the ability to bypass the age restriction\verification requirement which completely nullifies the age verification feature.
- You Cannot use an Age Verification MACRO if the General Option: Do Not Allow Manually Entered Age Verification is selected.
- **The birth date entry for each age verification MACRO must be edited every day to be accurate!**
- An age verification **MACRO CANNOT** be used with **RACS\JUUL** or with **BandyWorks!**

1. When an item is presented for purchase that requires **Age Verification**, if the cashier wishes to bypass the Birth-Date entry the cashier must press the **Age 21 MACRO** before registering the age restricted item.



2. The **Age 21 PLU** is registered and the birthdate as in the Macro is entered.
  - **Note:** The Customer Date Of Birth scrolls across the top of the transaction detail window.
3. Register the **Age Restricted Item** as presented for purchase.
  - **Note:** In this example the Age 21 PLU is set to print on receipts and display on the register screen for demonstration purposes. These settings can be set to Not Print and Not Display if desired in the PLU Status Group for age restriction.

# RACS\JUUL Feature

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## Overview

Retail Access Control Standards (RACS) are a set of guidelines set forth by JUUL Labs that enables retailers to enforce age restrictions at point-of-sale (POS) for RACS\JUUL products. RACS\JUUL has a plan to stop selling their products to stores that do not have a RACS compliant system.

Learn more here: [Documentation – RACS \(racscompliance.org\)](https://www.racscompliance.org)

JUUL Labs is partnering with retailers to support adoption of the Retail Access Control Standards (RACS) program, a technologically based solution to prevent youth access. These standards automate the transaction from beginning-to-end to ensure RACS\JUUL products are sold to verified legal-aged purchasers. Whenever a transaction contains RACS\JUUL products, a RACS-compliant point-of-sale POS system will require I.D. scanning to verify age and I.D. validity; limit the amount of product that can be purchased; and prevent manual override by the retail clerk.

RACS-certified retailers must use a RACS-compliant POS system. RACS-compliant POS systems have software features that detect RACS\JUUL products scanned during a transaction and ensure transactions cannot be completed unless the above criteria are met. The RACS\JUUL feature added to Sam4POS is designed to meet the RACS\JUUL standards.

A video showing the programming & operation for the RACS\JUUL feature with Sam4POS can be viewed here: <https://www.youtube.com/watch?v=4jdYewNtIOE&list=PLtF-h-a37jHmbhGgLO3nB76hP-avFSW29&index=27>

There is no difference using the RACS\JUUL Feature with Sam4POS on any off the Sam4POS model terminals.

- Sapphire A60 / A70
- SAP-6600II / SAP-6600
- SAP-630 / SAP-530
- HM616 / HM626
- SAP-4800II



**You CANNOT use an age verification MACRO with the RACS\JUUL feature!**

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## Equipment Required

To be able to scan a barcode on a driver's license or state ID card for age verification, you must use a scanner that has the ability to scan a 2D barcode with DL Parsing capability. DL/ID Parsing Library DL/ID cards are widely used for storing personal information such as first name, last name, birth date, address, etc.

For use with the RACS\JUUL feature you will need to purchase a USB scanner with the DL Parsing code.

**NOTE:** The QR code for loading the DL Parsing file is specific to the scanner serial number. CRS recommends using a CODE USB scanner.

- **CODE CR950** – Can Integrate with Sam4POS  
CRS offers the CR950 scanner preconfigured with Driver License Parsing  
Item#: **110404-SAM4POS** (CR950 USB for Sam4pos Software with DL Parsing pre-loaded.)  
Other Code CR950 scanners available are:  
Item#: **110404-U** – **USB** scanner without DL Parsing file
- **CODE CR5215** – Standalone Age Verification - Must use USB CR5215 with Sam4pos  
Item #: **110405-U** – **USB** scanner without power supply or DL Parsing file  
To Use the CR5215 For the RACS\JUUL feature, a DL Parsing is needed:  
Item#: **110410** – **DL Parsing** For Code Scanners
- **CODE CR5025** – For use as a standalone scanner for Age Verification (*not integrated with Sam4pos*)  
Item#: **110403-U** – **USB** scanner without DL Parsing file

If you choose to use a different model scanner, it must have the ability to scan a 2D barcode and will need to have the driver licenses parsing feature. Dealers will need to figure out how to program the scanner to send just the birthday to the Sam4POS when the Driver's license is scanned.

## Code Scanner - Scan Codes

### Code CR950

CRS offers the CR950 scanner preconfigured with Driver License Parsing

- Item#: **110404** – **SAM4POS** (CR950 USB for Sam4pos Software with DL Parsing pre-loaded.)

Our testing indicated that no additional setup or add-on DL Parsing file was needed for the operations below.

Other Code CR950 scanners available are:

- Item#: **110404-U** – **USB** scanner without DL Parsing file

If necessary, you can Download & Install the latest firmware version from Code's website and flash the firmware.

<https://www.codecorp.com/products/code-reader-950>

### Code-950 USB

Scan the initial setup codes to get scanner to work with Sam4POS to just sell / scan items.

- Suffix Enter
- USB Speed Full



### Sam4pos Testing

Add New Scanned PLU Item – **\*Successful\*** (Rapid Scans)

Ring Up Age Verification Item – Scan Test ID – **\*Successful\*** (4 Seconds to Populate Data)

Ring Up JUUL Item – Scan Test ID – **\*Successful\*** (3 Seconds to Populate Data)

Pull Up Customer Database – Scan Test ID – **\*Successful\*** (3 Seconds to Populate Data)

### CR950 - Version 3

The CR950 version 3 (indicated on the label) can be configured for either USB or Serial. The USB and Serial cables can be swapped and the appropriate configuration codes scanned to change the comm settings. Any versions prior to 3, would not be able to support both. The CR950 version 3 SKU should be: CR950-K303 to support both USB and RS232.

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**NOTE: For Sam4POS Age Verification, JUUL, BandyWorks use the CR950 USB interface scanner.**

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- Reset to Factory Defaults
- Scan the appropriate codes to setup as USB or Serial

#### Reset Scanner:



#### Setup as USB:



## Code CR5020

Currently, CRS does not offer the CR5000 series scanners with the DL Parsing file included. If necessary, you may purchase the Driver License Parsing for CODE Scanners at the same time the scanner is purchased:

- Item #: **110410** – Driver License Parsing for Code Scanners

Our testing indicated that no additional setup or add-on DL Parsing file was needed for the scanners listed below.

CRS currently has the CR5000 series scanner, model 5020:

- Item #: **110401-U** – USB
- Item #: **110401-S** – Serial (No Power Supply)
- Item #: **110401-SP** – Serial (with Power Supply)

If necessary, you can Download & Install the latest firmware version from Code’s website and flash the firmware.

<https://www.codecorp.com/products/code-reader-5000>

- Scan the initial setup codes to get scanner to work with Sam4POS to just sell / scan items.
- Reset to Factory Default
- Suffix Enter
- USB Speed Full



Our testing indicated that no additional setup or add-on DL Parsing file was needed for the operations below.

### **Sam4pos Testing:**

- Add New Scanned Item – **\*Successful\*** (Rapid Scans)
- Ring Up Age Verification Item – Scan Test ID – **\*Successful\*** (10 Seconds to Populate Data)
- Ring Up JUUL Item – Scan Test ID – **\*Successful\*** (9 Seconds to Populate Data)
- Pull Up Customer Database – Scan Test ID – **\*Successful\*** (9 Seconds to Populate Data)

## Code CR5215

**CODE CR5215** – Standalone Age Verification – Must use USB CR5215 with Sam4pos

- Item #: **110405-U** – **USB** scanner without power supply or DL Parsing file

To Use a CR5215 With SAM4POS RACS\JUUL feature, a DL Parsing License Needs to Be Added:

- Item#: **110410** – **DL Parsing** For Code Scanners

## USB Interface – Sam4POS

When using a USB Interface with the Sam4POS registers scan the following Setup Barcodes:

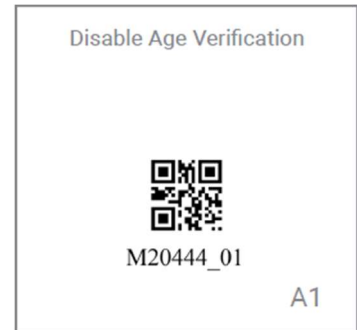
1. Scan to prepare reader for configuration.
2. Scan to configure reader.
3. For CR-5215 and CR-950 Integrated Age Verification scan M22444\_01 A1 to **Disable Standalone Age Verification.**



CC004361\_01



CC004375



Some products may also have QR codes in close proximity to the UPC barcode making it difficult to scan just the barcode. It is possible to turn off / disable the scanners ability to scan a QR code.

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**Be aware that if you decide to scan this code, you will not be able to scan any QR codes, this includes the QR codes used for programming the scanner.**

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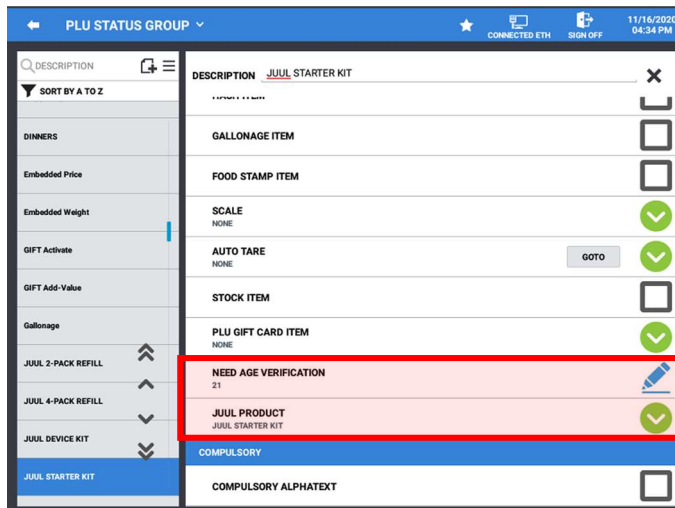
If QR Code reading is disabled, you can enable again by restoring the scanner to factory defaults, you will then need to reprogram the scanner as necessary and reload the DL Parsing file.

# PLU Programming

To use the JUUL feature you will need to setup PLU Status Groups for the different JUUL products. These PLU Status Groups will then be assigned to the corresponding PLUs for JUUL items. For reporting purposes, you may want to assign specific Groups to the JUUL items.

## PLU Status Group

1. From the **PROGRAM MODE** touch **PLU** to view the PLU program selection window, touch **PLU STATUS GROUP** to view the PLU status group options.
2. To enter a new status group into the database, press the **Add New Item** icon or, you can select an existing status group to copy by pressing and holding the status group.
3. Type the descriptor in the **INPUT DESCRIPTION** field.
4. Press **OK** to go on to the option programming. Press **OK AND CONTINUE** to add another PLU. Press **CANCEL** to cancel the new PLU entry.



5. Scroll through the PLU Status Group options and program as necessary. The General option selections below are required for the JUUL feature.

### General

#### NEED AGE VERIFICATION

Enter the age for the restriction. The default Age for JUUL Products is 21. If the NEED AGE VERIFICATION value is set to a different value, the SAM4POS checks the data with this age for RACS system. If it is 0, the SAM4POS checks the data with the default age for RACS system.

#### JUUL PRODUCT

This option is specific for JUUL products. Customers must be at least 21 years of age to purchase. Each JUUL product will be assigned to a specific PLU Status Group for the product type.

JUUL product type selections are: JUUL STARTER KIT, JUUL DEVICE KIT, JUUL 4-PACK REFILL KIT, JUUL 2-PACK REFILL KIT. The selection NONE, is used for all Non-JUUL products.

## JUUL Product Type

Quantities of JUUL product types sold within a transaction is limited, refer to the chart below.

JUUL PRODUCT	COUNTS
JUUL STARTER KIT	1 DEVICE & 1 POD PACK
JUUL DEVICE KIT	1 DEVICE
JUUL 4-PACK REFILL KIT	1 POD PACK
JUUL 2-PACK REFILL KIT	1 POD PACK

The maximum count allowed in a single transaction is as follows:

- DEVICE: 1
- POD PACK: 4

The SAM4POS checks the count when a JUUL Product PLU is selected for purchase.

If the count is over the error message #182: IT EXCEEDS THE MAXIMUM NUMBER occurs.

## Group

1. From the **PROGRAM MODE** touch PLU to view the PLU program selection window, touch **GROUP** to view the group programming options.
2. To enter a new status group into the database, press the **Add New Item** icon or, you can select an existing group to copy by pressing and holding the on the desired group.
3. Type the descriptor in the **INPUT DESCRIPTION** field.
4. Press **OK** to go on to the option programming. Press **OK AND CONTINUE** to add another Group. Pressing **CANCEL** will exit without adding the group.

## PLU

1. Go to: **Program Mode** → **PLU** → **PLU**
2. Assign the appropriate **Group Link1, 2, 3** as necessary for the JUUL items.
3. Assign the appropriate **PLU Status Group Link** for the JUUL items.

# Selling JUUL Products

Selling JUUL products with the RACS feature requires the cashier to scan the customers Driver's License to approve the sale of the product. With the RACS feature, JUUL products are limited to specific quantities allowed to be sold in a single transaction.



**You CANNOT use an age verification MACRO with the RACSJUUL feature!**

1. From the **Register Mode**, Select or scan the JUUL product to be purchased. The notification dialog “**NEED AGE VERIFICATION**” displays and a continuous tone sounds until the customers age is verified.

NEED AGE VERIFICATION

THE CUSTOMER MUST BE 21 OR OLDER TO PURCHASE

SCAN GOVERNMENT ID TO CONTINUE

STATE

EYE COLOR

LICENSE NO

DOCUMENT TYPE

DATE OF BIRTH

AGE

EXPIRATION DATE

2. Scan the customer's Driver's License or,
  - a. At the **DATE OF BIRTH** entry, Press **EDIT** button.  
Enter the birthdate for the customer from the customer's ID/License
  - b. At the **EXPIRATION DATE** entry, Press **EDIT** button.  
Enter the expiration date from the customer's ID/License

NEED AGE VERIFICATION

THE CUSTOMER MUST BE 21 OR OLDER TO PURCHASE

DOCUMENT TYPE      MILITARY ID

DATE OF BIRTH      01/01/1980     

AGE      43

EXPIRATION DATE      06/26/2025     

EXPIRATION IN 859 DAYS

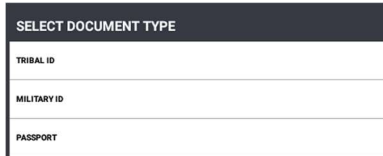
3. The age is verified; press **ACCEPT** to continue with the transaction. Pressing **CANCEL** will exit the sale of the JUUL product.
4. Register additional products as desired, if more JUUL items are registered than what is allowed by RACS, the error message “**IT EXCEEDS THE MAXIMUM NUMBER**” displays.

ERROR MESSAGE #182

IT EXCEEDS THE MAXIMUM NUMBER

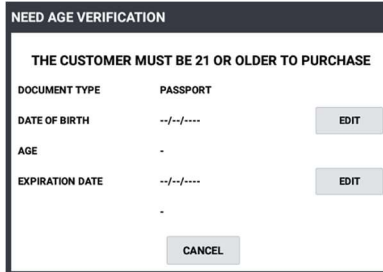
## Manual Entry

1. If **MANUAL ENTRY** is chosen from the dialog “**NEED AGE VERIFICATION**”, the **SELECT DOCUMENT TYPE** notification displays.



The screenshot shows a dialog box titled "SELECT DOCUMENT TYPE". It contains three radio button options: "TRIBAL ID", "MILITARY ID", and "PASSPORT". The "PASSPORT" option is selected.

2. Choose the appropriate Document Type from the selections.



The screenshot shows a dialog box titled "NEED AGE VERIFICATION" with the instruction "THE CUSTOMER MUST BE 21 OR OLDER TO PURCHASE". It displays the following information:

DOCUMENT TYPE	PASSPORT	
DATE OF BIRTH	--/------	EDIT
AGE	-	
EXPIRATION DATE	--/------	EDIT
	-	

At the bottom of the dialog is a "CANCEL" button.

3. Scan the customer’s Document or ID QR core or,
  - a. At the **DATE OF BIRTH** entry, Press **EDIT** button.  
Enter the birthdate for the customer from the customer’s ID\License
  - b. At the **EXPIRATION DATE** entry, Press **EDIT** button.  
Enter the expiration date from the customer’s ID\License