



Service Bulletin: Informational

Configuring G2S for Illinois on WMS VLT (NXT2 -BB2 and NXT3,3.2X-BLADE ,BLADE S23,S32)

BULLETIN NUMBER: Bet_g2s_ver5

DATE: Aug 6 2018 JURISDICTION(S): ILLINOIS VLT

Overview

The purpose of this bulletin is to identify the steps to configure WMS video lottery terminals (VLTs) to integrate with the Scientific Games Game-to-System (G2S) system in Illinois.

Contacting Betson Support

Contact Betson Support at the VLT HOTLINE 800-672-1906 with any questions.

Before contacting SG Wood Dale support have the following details available:

- VLT Serial number
- VLT MAC Address. See [Identifying the MAC Address](#) for steps to identify this information (LAST PAGE OF GUIDE).

AFTER INSTALLING THE JUR CHIP RUN THE RAM CLEAR CF CARD
SAME RAM CLEAR THAT YOU HAVE FOR SAS
THEN INSTALL NEW OS

Acronyms

Reference [Table 1](#) for acronym definitions:

Table 1 Acronyms

Acronym	Definition
SCEP	Simple Certificate Enrollment Protocol (Network Device Enrollment Service)
OCSP	Online Certificate Status Protocol
gsaOO	Minimum Period For Offline
gsaOR	Re-Authenticate Certificate Period
gsaOA	Accept Previously Good Certificate Period

Preparation

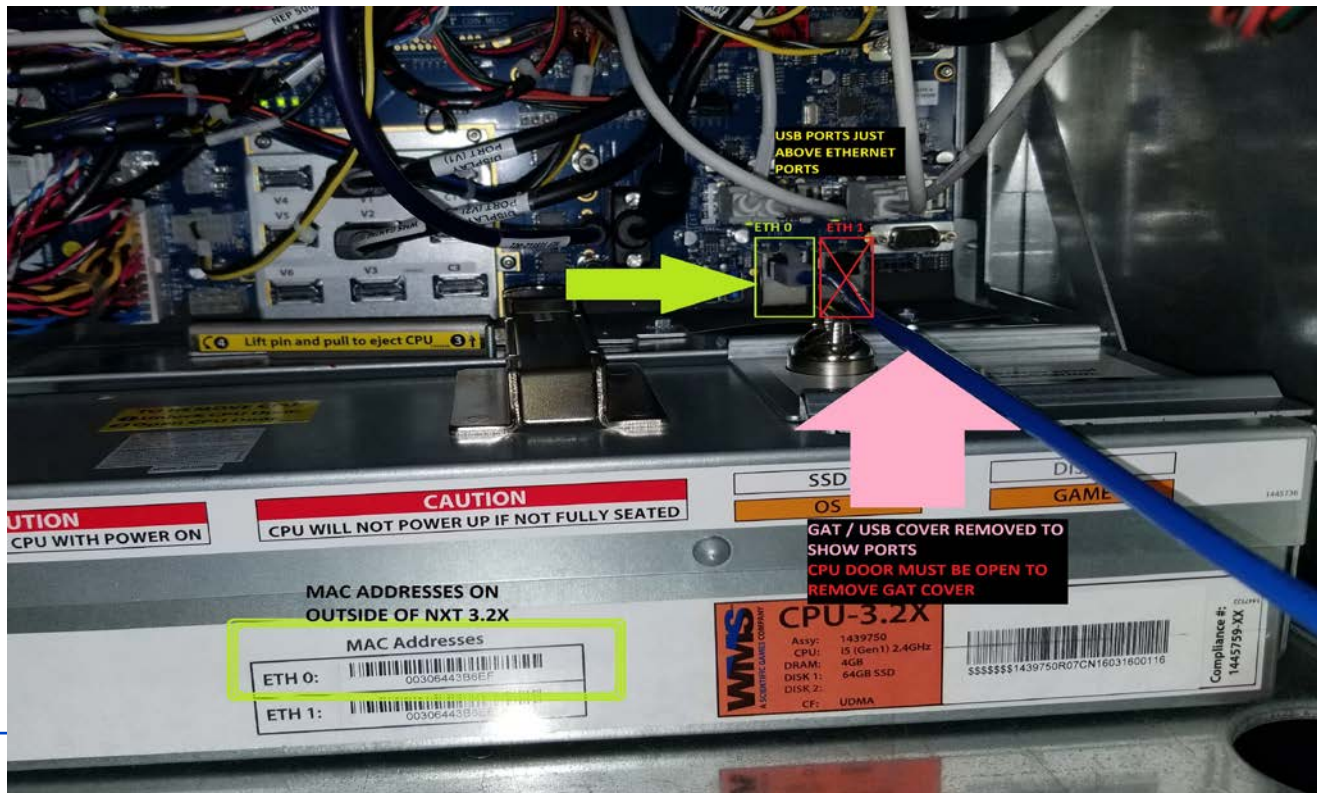
Complete the following steps to prepare to configure the VLT:

- 1 Connect the SG back-end system by connecting the network cable to the left Ethernet connector (ethernet-0) on the NXT2 and NXT3 CPU, [Figure 1 \(A\)](#) or Backplane on NXT3.2X ([S32](#)) [Figure 1\(B\)](#).

Figure 1 CPU ethernet-0 port ON NXT 2 and NXT 3 UPRIGHT BLADE



- 2 Perform a RAM clear and install all software. *BLADE SOFTWARE STAYS THE SAME , GAME SET 3 changes from SDD4-000-1020 to **SDD4-000-1030***
GAME SET 5 REMAINS SE7B-000-1000
*After RAM CLEAR install NEW OS BB2(NXT2 is SSSG-000-16HF)and BLADE,S23and S32 OS is now (**NSOS-000-4071**)*



Objective:

Use this document to setup the G2S software for all WMS VLT's in the Illinois market.

***NOTE: CAT5e will now be plugged into ETH 0. CPU-NXT(2,3, 3.2, and 3.5) will be done directly to the CPU in Figure 1.1 & CPU-NXT(3.2x and (3.5x) plug into the far right of the backplane board Figure 1-2
USE THE LEFT ETHERNET PORT OF THE TWO PORTS**



Figure: 1-1

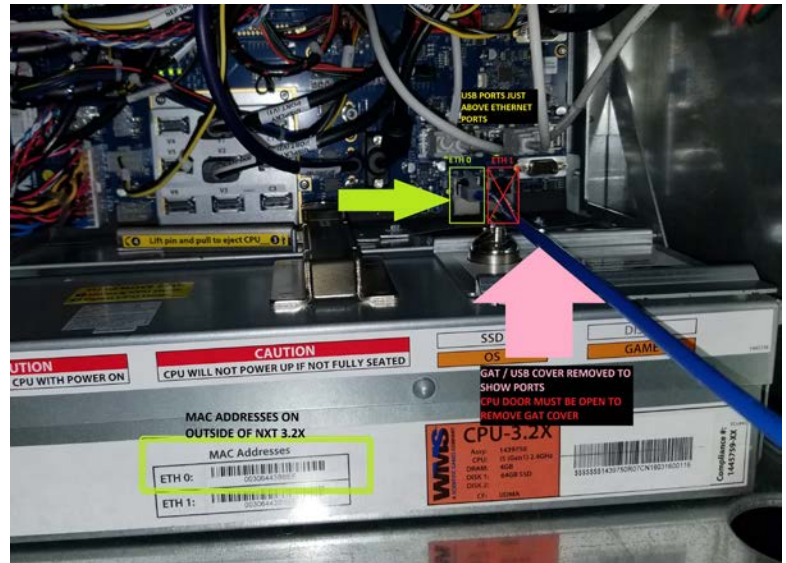


Figure 1-2

***ALL SETTINGS MUST BE ENTERED IN
lower case letters.**

Glossary of Installation Related Acronyms:

- **SCEP** – Simple Certificate Enrollment Protocol (Network Device Enrollment Services)
- **OCSP** – Online Certificate Status Protocol
- **gsaOO** – Minimum Period For Offline
- **gsaOR** – Re-Authenticate Certificate Period
- **gsaOA** – Accept Previously Good Certificate Period

STEP 1: Push the white Diagnostic Button to enter the purple Administrative Menu.

STEP 2: Select **SETUP** → **TOUCH SCREEN SETUP**

STEP 2.1: Insert the Attendant Key and turn once.

STEP 2.2: touch the + symbol first on the bottom left and then the + symbol on the top right of the screen.

STEP 2.3: Once both crosshairs have been touched, turn the Attendant Key to return to the menu.

STEP 3: Select **SETUP** → **SOUND SETUP**

STEP 3.1: Use the slide bar to move your volume down to desired level.

STEP 3.2: Save and Exit.

STEP 4: Select **SETUP** → **CLOCK SETUP**, [Figure 2-1](#)

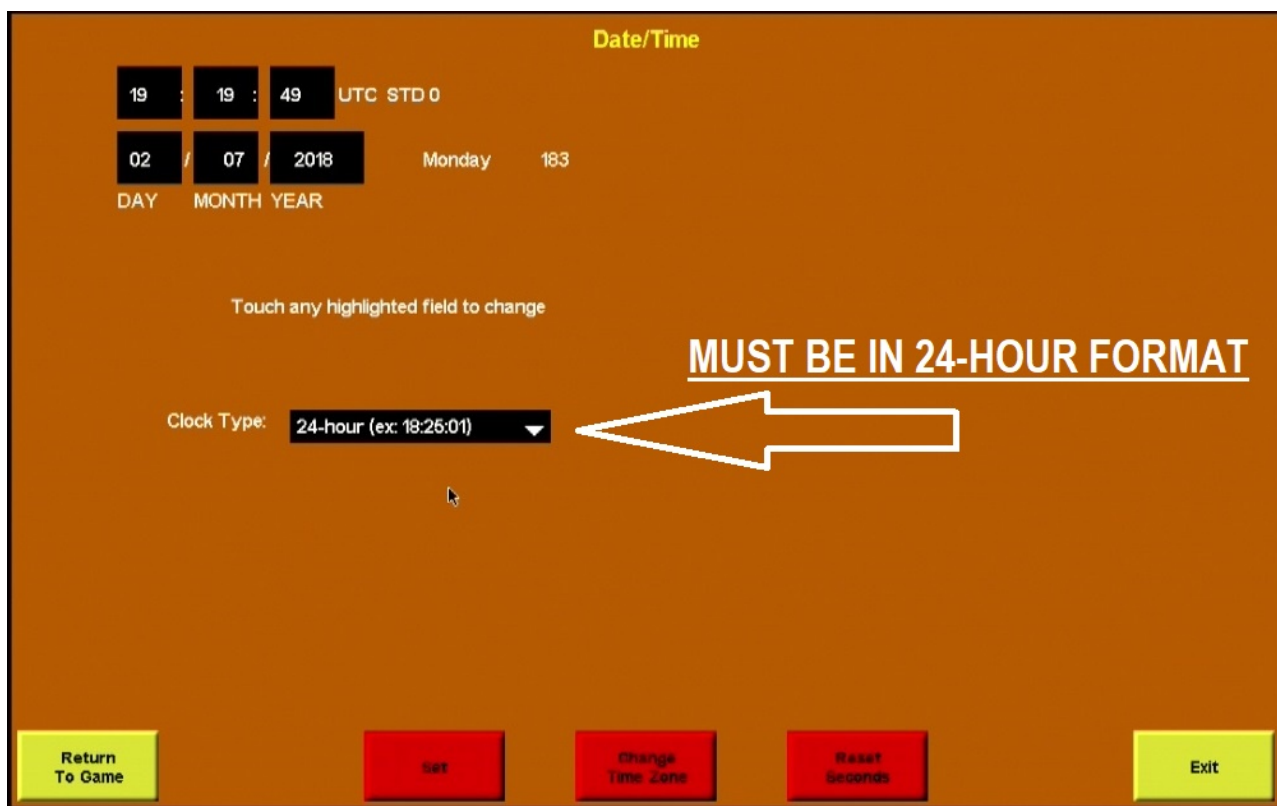


Figure 2-1 Clock Setup Menu

STEP 4.1: Select **Change Time Zone**

STEP 4.2: Select **America** followed by **Chicago**

STEP 4.3: Select **Set**

STEP 4.4: Next, enter the date starting with the YEAR, the MONTH, and DAY in descending order.

STEP 4.5: Then go up to **Time** and enter the current time.

***Make sure to enter all Hours as 24 hour clock and ENABLE 24 CLOCK TYPE .**

STEP 4.6: Select **Set** and then **Exit**.

STEP 5: Select **SETUP** → **MACHINE SETUP** → **MACHINE INFO SETUP**

STEP 5.1: Select **Serial Number** and a box will appear to put in the numbers.

STEP 5.2: Put in your **Serial Number** and select **enter**.

STEP 5.3: Go to **Asset Number** and put in the IGB Tag number and select **Enter**.

STEP 5.4: Double check both the Serial Number and the Asset Number. If both are correct, Select **Set Serial** and **Set Asset**.

STEP 6: Select **SETUP** → **MACHINE SETUP** → **CABINET SETUP** → **DEVICE SETUP**, [Figure 3-1](#)

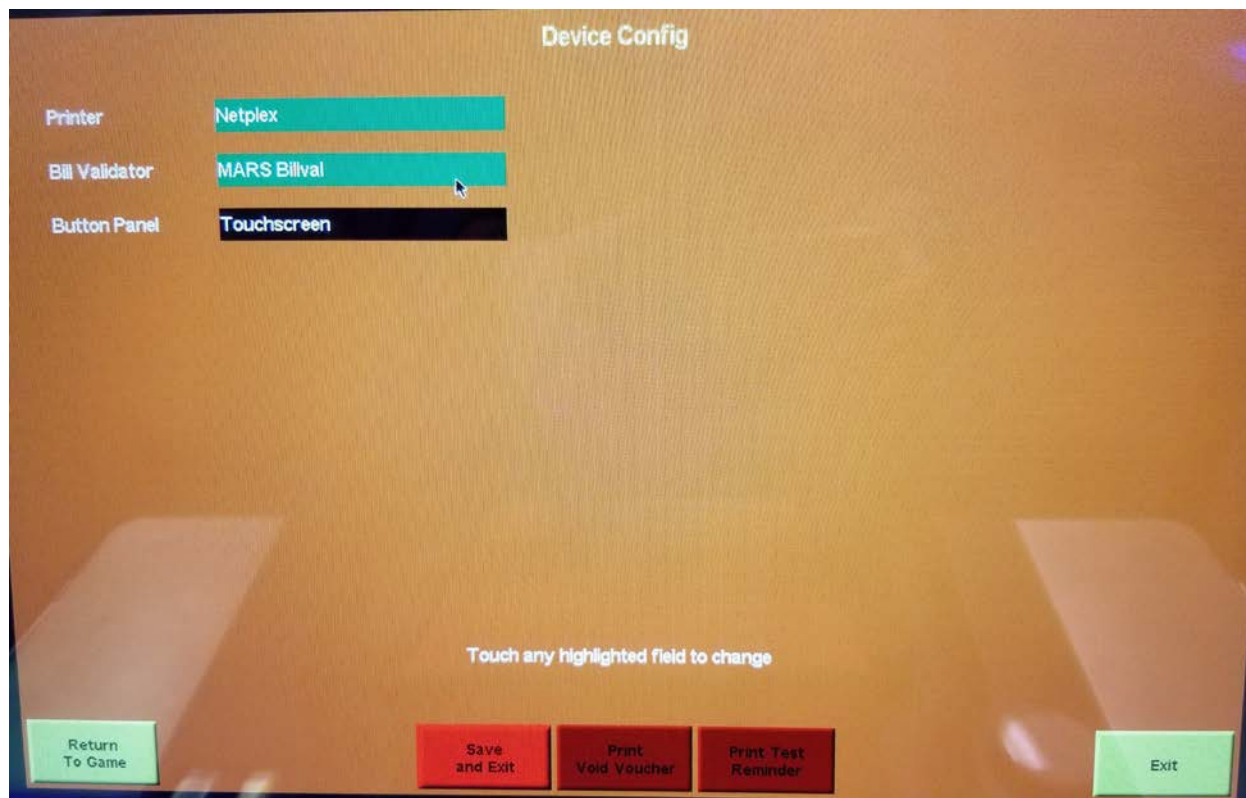


Figure 3-1 Device Setup Menu

STEP 6-1 : Set the Printer to **NETPLEX** and Bill Validator to either **MARS BILVAL** or **JCM BILVAL** .

STEP 6-2 : Button Panel should be **USB OLED Button Panel** on **BB2 , Blade & S23**
or **TOUCHSCREEN** on **S32** cabinet.

STEP 6-3 : When each device is correctly set, select **SAVE**.

STEP 7: Select **SETUP** → **CREDIT SETUP**, [Figure 4-1](#)

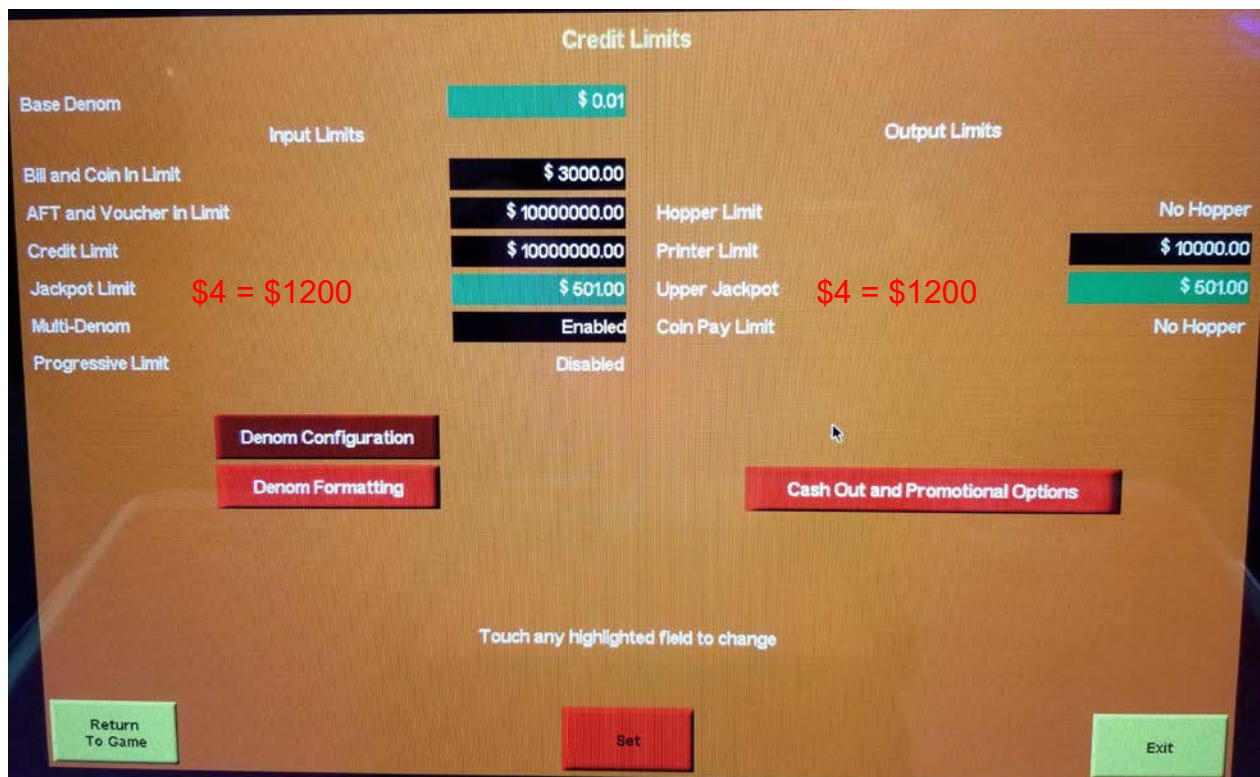


Figure 4-1 Credit Setup Menu

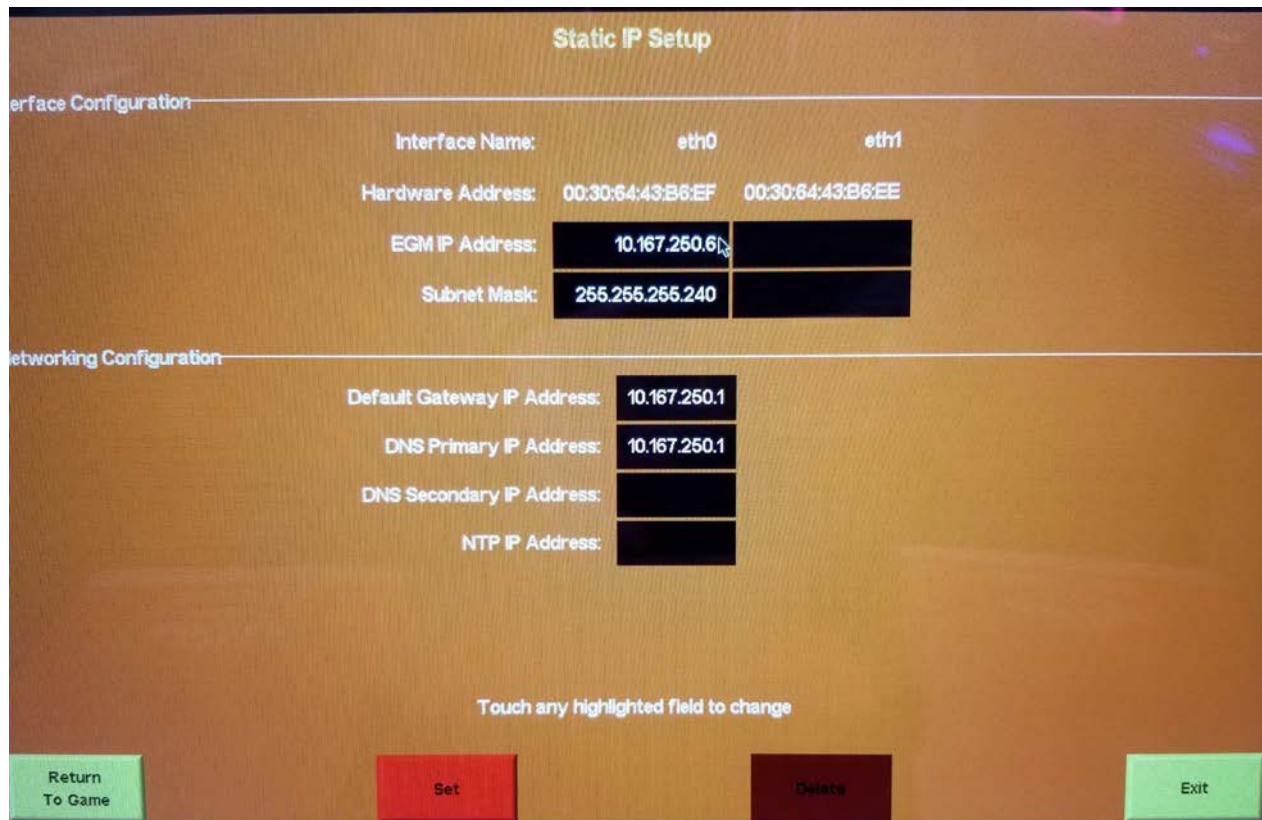
STEP 7-1: **Base Denom** should be entered as **.01**

STEP 7-2: **Jackpot Limit** should be enters as **501** \$4 software = \$1200

STEP 7-3: **Upper Jackpot** should be enters as **501** \$4 software = \$1200

STEP 7-3: Select **SAVE** and then **EXIT**

STEP8:Select **SETUP** → **MACHINE SETUP** → **Static IP SETUP**, Figure 5-1



The screenshot shows the 'Static IP Setup' menu. It is divided into two sections: 'Interface Configuration' and 'Networking Configuration'. In the 'Interface Configuration' section, there are two columns for 'eth0' and 'eth1'. The 'eth0' column has fields for 'Interface Name', 'Hardware Address' (00:30:64:43:B6:EF), 'EGM IP Address' (10.167.250.6), and 'Subnet Mask' (255.255.255.240). The 'eth1' column has fields for 'Interface Name', 'Hardware Address' (00:30:64:43:B6:EE), and empty fields for 'EGM IP Address' and 'Subnet Mask'. In the 'Networking Configuration' section, there are fields for 'Default Gateway IP Address' (10.167.250.1), 'DNS Primary IP Address' (10.167.250.1), 'DNS Secondary IP Address' (empty), and 'NTP IP Address' (empty). At the bottom, there are four buttons: 'Return To Game' (green), 'Set' (red), 'Delete' (dark red), and 'Exit' (green). A text prompt 'Touch any highlighted field to change' is centered above the buttons.

Interface Configuration	
Interface Name:	eth0 eth1
Hardware Address:	00:30:64:43:B6:EF 00:30:64:43:B6:EE
EGM IP Address:	10.167.250.6
Subnet Mask:	255.255.255.240

Networking Configuration	
Default Gateway IP Address:	10.167.250.1
DNS Primary IP Address:	10.167.250.1
DNS Secondary IP Address:	
NTP IP Address:	

Touch any highlighted field to change

Return To Game Set Delete Exit

Figure 5-1 Static IP Setup Menu

STEP 8-1: **EGM IP Address** should be **10.167.250.X**

****(X) The last number of the IP Address will be your previous SAS Address with 5 added to it. (SAS #1 will now be #6 for G2S.***

SAS 1 = 10.167.250.6

SAS 2 = 10.167.250.7

SAS 3 = 10.167.250.8

SAS 4 = 10.167.250.9

SAS 5 = 10.167.250.10

STEP 8-2: **Subnet Mask** should be **255.255.255.240**

STEP 8-3: **Default Gateway IP Address** should be **10.167.250.1**

STEP 8-4: **DNS IP Address** should be **10.167.250.1**

STEP 8-5: When everything has been entered select **Set** and **EXIT**.

STEP 9: Power Cycle

After a cold reboot(Power Cycle) move to step 10

STEP 10: Select **SETUP** → **MACHINE SETUP** → **MACHINE IP SETUP**, Figure 6-1

The screenshot shows the 'Machine Ethernet IP Setup' menu with three main sections: Interface Configuration, Networking Configuration, and G2S Configuration. The Interface section shows 'eth0' with hardware address '00:30:64:43:B6:EF', EGM IP Address '10.167.250.6', and Subnet Mask '255.255.255.240'. The Networking section shows Gateway Address '10.167.250.1', Network Name Server '10.167.250.1', and various options like 'Enable CGC' (NO) and 'Portal Reconfiguration Allowed' (YES). The G2S section shows EGM Port Number '8081', SSL 'Enabled', SB Location 'Disabled', and G2S Interface 'eth0'. Below this is a table with columns 'Host Id', 'Vendor', and 'URL'. The first row has Host Id '1', Vendor 'Other', and URL 'https://10.167.250.2:65501/g2s_6'. The next three rows have Host Id '0', Vendor 'None', and URL 'https://'. At the bottom are buttons for 'Return To Game', 'Set', and 'Exit'.

Host Id	Vendor	URL
1	Other	https://10.167.250.2:65501/g2s_6
0	None	https://
0	None	https://
0	None	https://

Figure 6-1 Machine Ethernet IP Setup Menu

STEP 10-1: EGM IP Address should be **10.167.250.X**

SAS 1 = 10.167.250.6

SAS 2 = 10.167.250.7

SAS 3 = 10.167.250.8

SAS 4 = 10.167.250.9

SAS 5 = 10.167.250.10

**The last number of the IP Address will be your previous SAS Address with 5 added to it.(SAS #1 will now be #6 or SAS 5 would be G2S 10 for G2S.*

STEP 10-2: Subnet Mask should be **255.255.255.240**

STEP 10-3: Gateway Address should be **10.167.250.1**

STEP 10-4: Network Name Server should be **10.167.250.1**

STEP 10-5: Change Host ID to **1**

STEP 10-6: Change Vendor to Other

STEP 10-7: URL should be **10.167.250.2:65501/g2s_6** THEN TOUCH "SET"

STEP 11: Select **SETUP** → **MACHINE SETUP** → **OCSP SETUP**, Figure 7-1

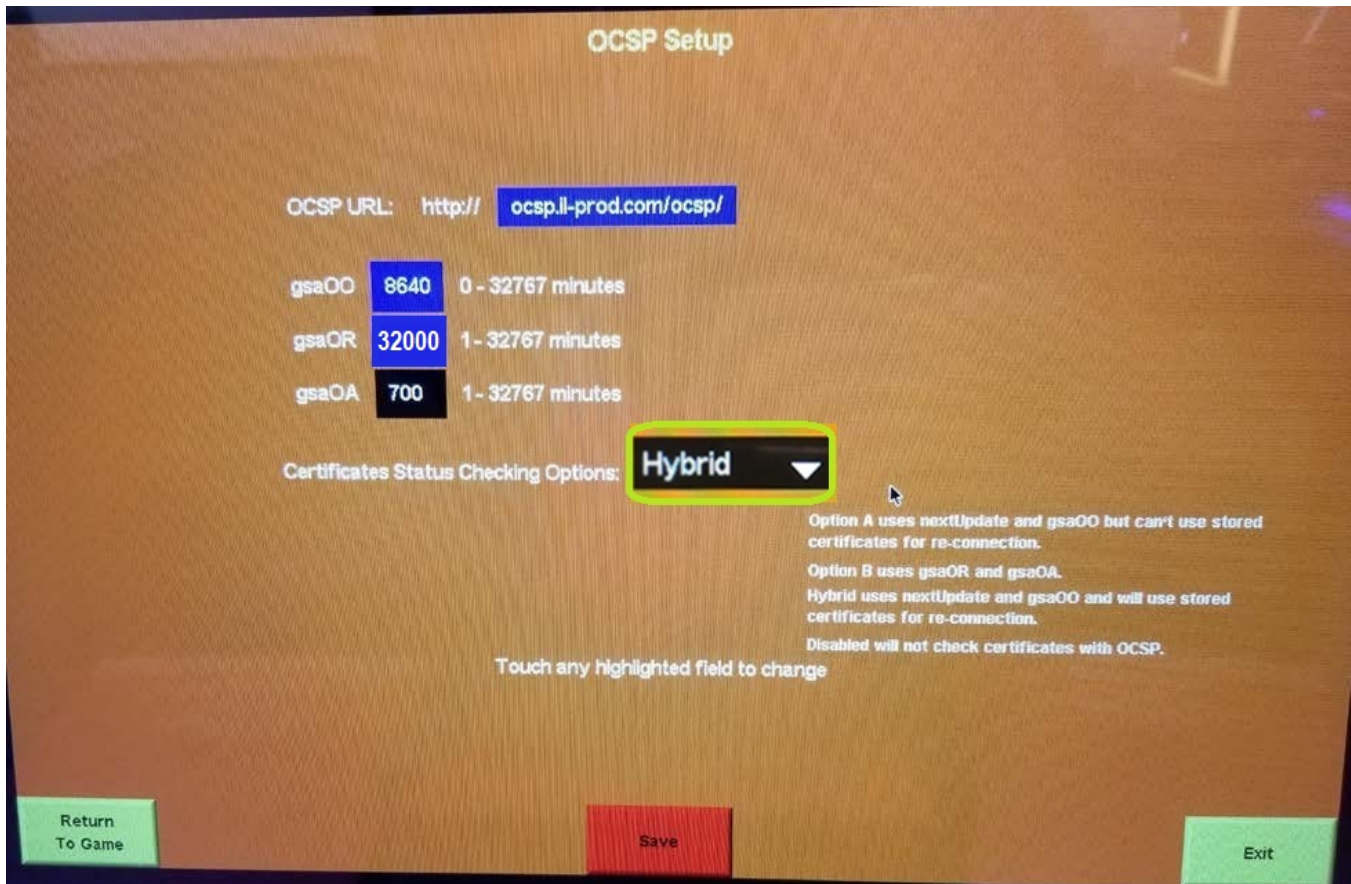


Figure 7-1 OCSP Setup Menu

STEP 11-1: **OCSP URL** should be **ocsp.il-prod.com/ocsp/**

STEP 11-2: **gsaOO** should be **8640**

STEP 11-3: **gsaOR** should be **32000**

STEP 11-4: Verify Cert Status Checking Option is **HYBRID**

STEP 11-5: If everything is correct, select **SAVE**

STEP 12: **POWER CYCLE**

STEP 13: Select **SETUP** → **MACHINE SETUP** → **Certificates**, Figure 8-1

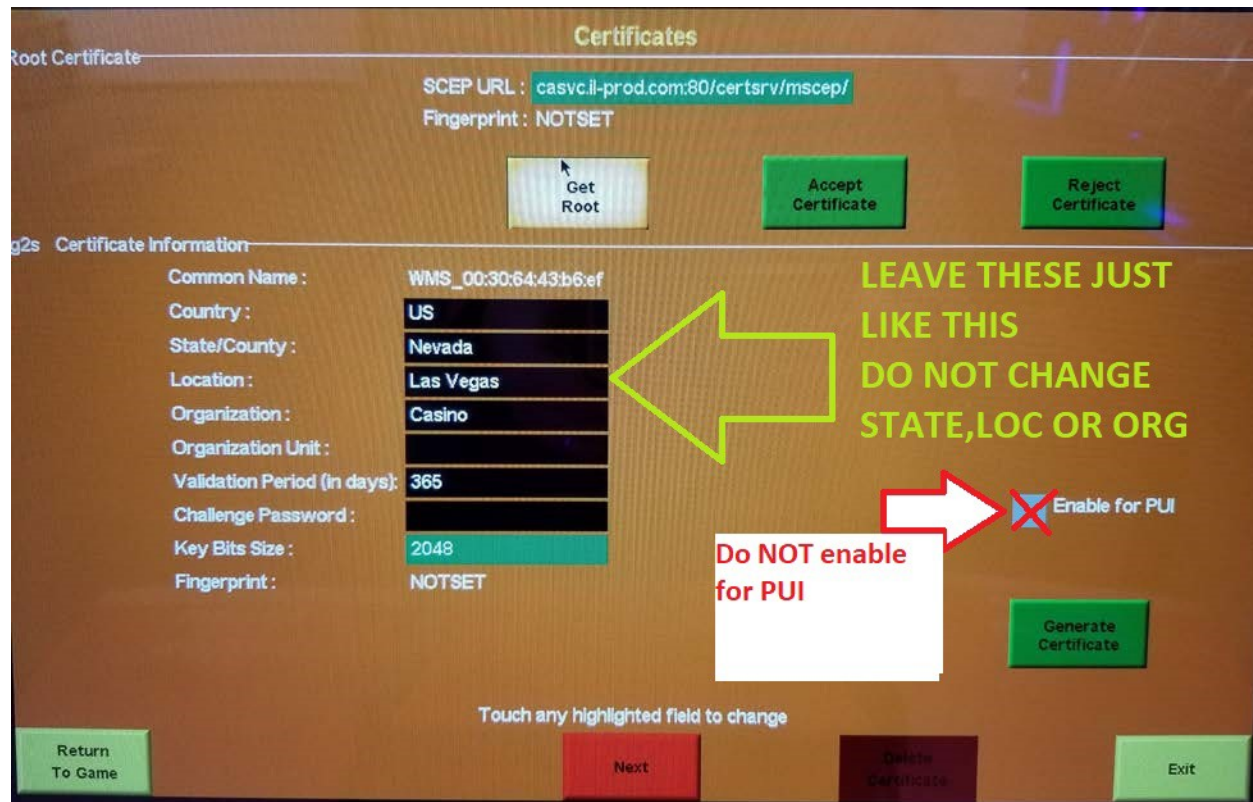


Figure 8-1 Certificates Setup Menu

STEP 13-1: SCEP URL should be **casvc.il-prod.com:80/certsrv/mscep/**

STEP 13-2: **Key Bit Size** should be **2048**

STEP 13-3: If everything is correct, select **Get Root**

STEP 13-4: If the Certificate fails, check your **SCEP URL***. If it passes select **Accept Certificate**.

***If your certificate fails select Reject Certificate and re submit.**

STEP 13-5: Next select **Generate Certificate** and if successful select **EXIT** .

STEP 13-6 Should prompt to **Save** then **Exit** to game

STEP 14: **POWER CYCLE** and close all doors. **ALL DOORS MUST BE SHUT INCLUDING CPU** STEP

14-1: The game is ready to be brought up.

Identifying the MAC Address

The VLT MAC address is required for Scientific Games . Complete the following steps to identify the MAC address:

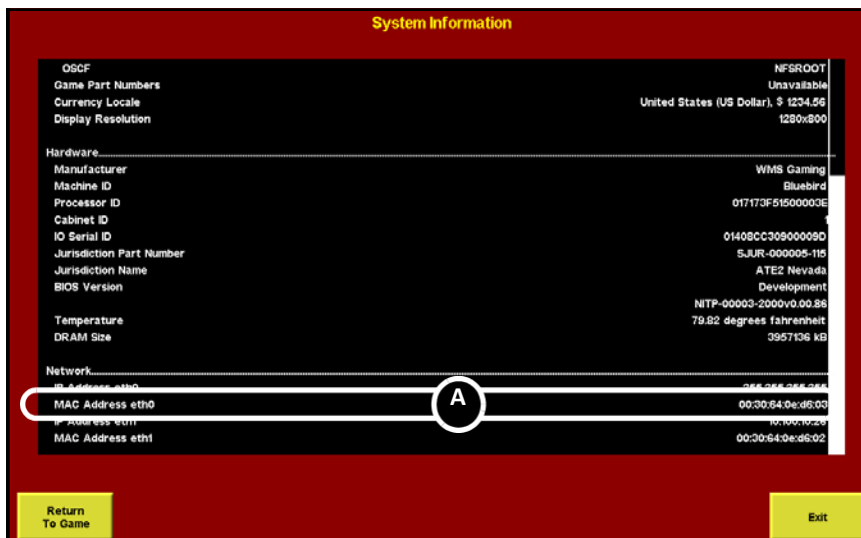
- 1 Open the main door.
- 2 Press the DIAGNOSTIC button. The *Administration Menu* displays.
- 3 Select **Diagnostics | Machine Info | System Information**, [Figure 28](#).

Figure 28 Machine Info Menu.



The *System Information* screen displays, [Figure 29](#).

Figure 29 System Information screen - MAC Address information.



- 4 Scroll down to view the MAC Address fields.
- 5 Note the full MAC address for eth0, [Figure 29 \(A\)](#).