



Enhanced POS Integration Device  
(EPID)

# Integration Guide



Gas Price Sign Integration Using Verifone  
Commander Site Controller and Sapphire

# Table of Contents

Equipment Requirements ..... Page 3

Installation ..... Page 4  
(Commander Site Controller)

Installation ..... Page 7  
(Sapphire Site Controller)

## Equipment Requirements

A GuruDM Enhanced POS Integration Device (EPID) is required to integrate with VeriFone products.

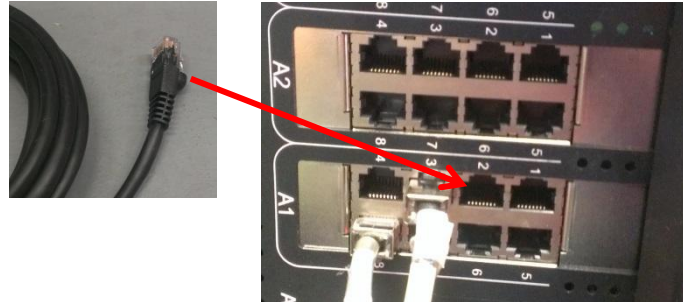
The EPID operates on a 2.4 GHz radio band. The maximum supported range is 300 yards with a clear line of sight. The antenna base should be placed in a location in which the Gas Price Sign can be seen.

Sapphire integration requires a VeriFone NewPro Device Port Bank. Site Commander requires an available hub port.

# Installation (Commander Site Controller)

## Step 1

First, connect the RJ45 cable of the EPID to an available port on the VeriFone Hub Module. Take note of the port number used.



## Step 2



Next, connect the power cord to an available 120V AC grounded power outlet.

## Step 3



Flip the switch on the EPID to turn it on.

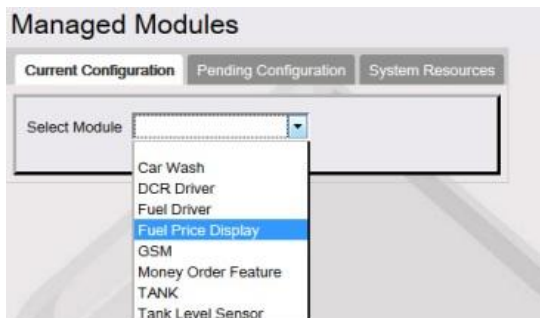
Use the ConfigClient to add the Fuel Price Display

## Step 4



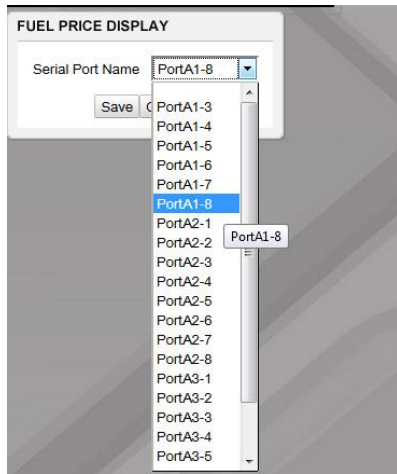
Select Tools, then Managed Modules

## Step 5



Select Fuel Price Display

### Step 6



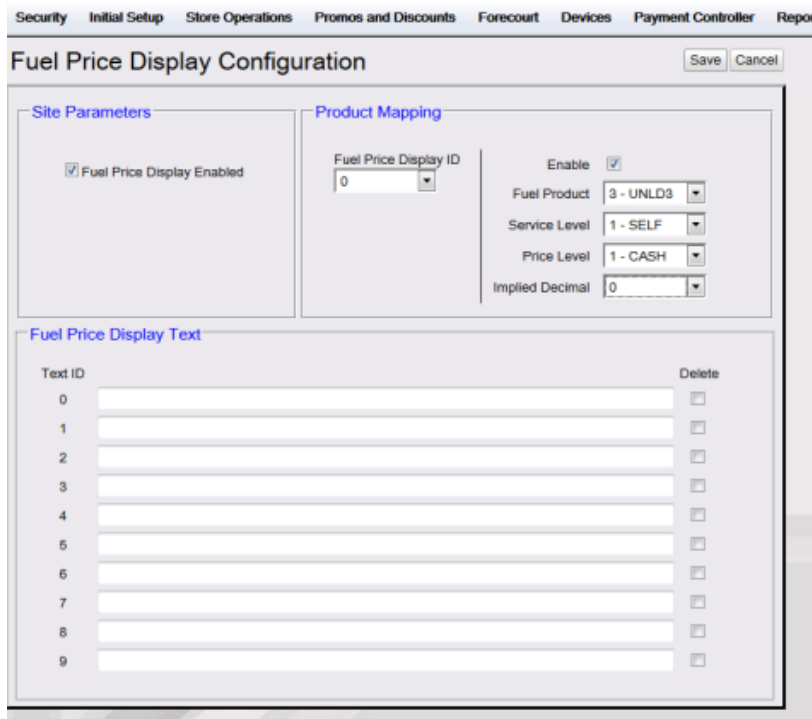
Select the port that the EPID is connected to from the drop down list.

### Step 7



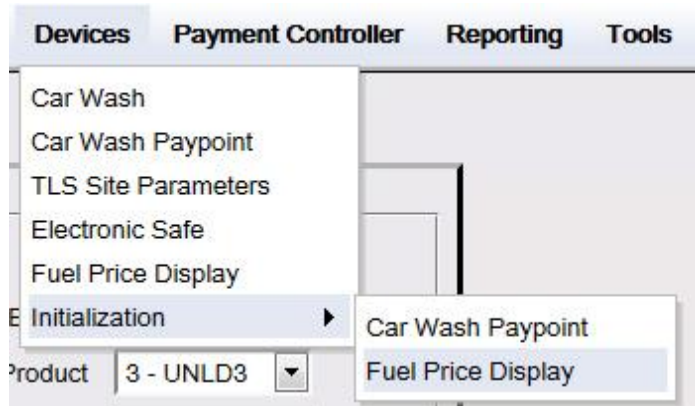
Select Devices then Fuel Price Display

### Step 8



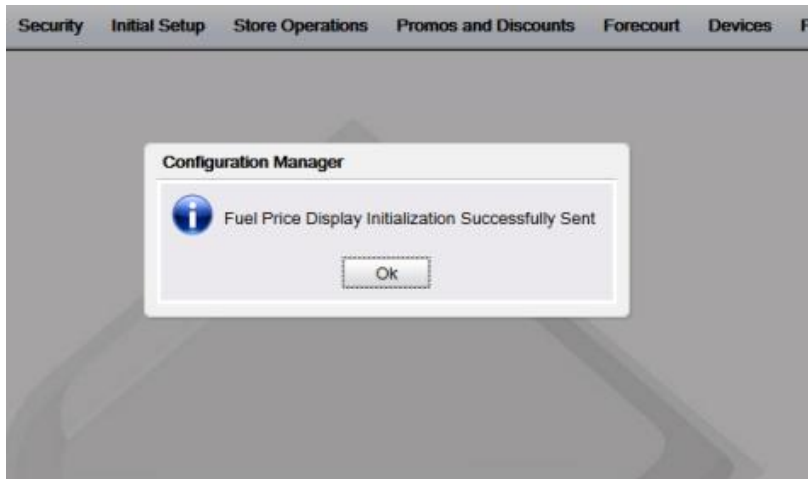
Configure each Fuel Price Display ID, 0-9 as appropriate, for each fuel product that there is signage present for, then select Save.

**Step 9**



Select Devices, Initialization, then Fuel Price Display.

**Step 10**

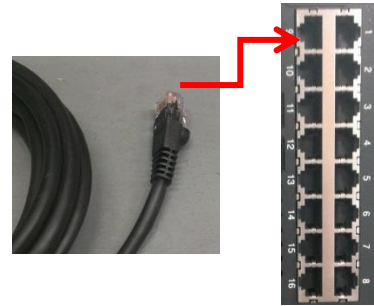


The Commander Site Controller is now configured for the Fuel Price Display.

# Installation (Sapphire Management Suite)

## Step 1

First, connect the RJ45 cable of the RF module to an available port on the Verifone NewPro Device Port Bank. Take note of the port number used.



## Step 2



Next, connect the power cord to an available 120V AC grounded power outlet.

## Step 3



Flip the switch on the EPID to turn it on.

## Step 4

Using the Sapphire Management Suite, select the Fuel Price Display Configuration.

Fuel Price Display Configuration

Fuel Price Display Configuration

Site Parameters

Fuel Price Display Enabled

3 Com Port

Product Mapping

Fuel Price Display ID: 0  Enable

Fuel Product: 1 - UNLD

Service Level: 1 - SELF

Price Level: 1 - CASH

Implied Decimal: 0

Fuel Price Display Text

Text ID		Delete
0.		<input type="checkbox"/>
1.		<input type="checkbox"/>
2.		<input type="checkbox"/>
3.		<input type="checkbox"/>

Ensure that Fuel Price Display Enabled is checked.

### Step 5

Fuel Price Display Configuration

Site Parameters

Fuel Price Display Enabled

3 Com Port

Product Mapping

Fuel Price Display ID: 0  Enable

Fuel Product: 1 - UNLD

Service Level: 1 - SELF

Price Level: 1 - CASH

Implied Decimal: 0

Fuel Price Display Text

Text ID

0.		<input type="checkbox"/> Delete
1.		<input type="checkbox"/> Delete
2.		<input type="checkbox"/> Delete
3.		<input type="checkbox"/> Delete

Select the port on the New Pro Device you connected the EPID to.

### Step 6

Fuel Price Display Configuration

Site Parameters

Fuel Price Display Enabled

3 Com Port

Product Mapping

Fuel Price Display ID: 0  Enable

Fuel Product: 1 - UNLD

Service Level: 1 - SELF

Price Level: 1 - CASH

Implied Decimal: 0

Fuel Price Display Text

Text ID

0.		<input type="checkbox"/> Delete
1.		<input type="checkbox"/> Delete
2.		<input type="checkbox"/> Delete
3.		<input type="checkbox"/> Delete

Select Fuel Price Display ID, 0-9 as appropriate for the signage actually present, then click Enable.

### Step 7

Fuel Price Display Configuration

Site Parameters

Fuel Price Display Enabled

3 Com Port

Product Mapping

Fuel Price Display ID: 0  Enable

Fuel Product: 1 - UNLD

Service Level: 1 - SELF

Price Level: 1 - CASH

Implied Decimal: 0

Fuel Price Display Text

Text ID

0.		<input type="checkbox"/> Delete
1.		<input type="checkbox"/> Delete
2.		<input type="checkbox"/> Delete
3.		<input type="checkbox"/> Delete

Configure each ID to match the pricing configuration, then select Save.



### Step 8

Select Device Manager, Fuel Price Display, then Fuel Price Initialize.



The heart-beat light on the port will flash red to indicate that the New Pro Device port is now active. An answering green light will flash to indicate that the Guru EPID device is functional.

Check in the below website for more information:

[http://wiki.gurudm.com/index.php?title=Wiring\\_Directions#Enhanced\\_POS\\_Integration](http://wiki.gurudm.com/index.php?title=Wiring_Directions#Enhanced_POS_Integration) for device configurations

# **Thank you for selecting Guru Digital Media Gas Price Unit Products!**

**For technical support assistance,  
Please visit <http://wiki.gurudm.com/>  
Or call **1-855-722-4878** (5 AM to 5 PM Pacific Time).**

# DIGITAL MEDIA



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