

# IVS Set-Up Instructions for Protel LCD - Display Payment Tower

Protel's latest LCD - Display Payment Towers will automatically present the programmed vend price and duration for Air, Vac, and Air/Vac machines. This display eliminates the need for price labels and will automatically respond to price changes when initiated through IVS.

Monitors supplied with these new payment towers will be equipped with the latest firmware to fully interact with the display. If a payment tower is being retro-fitted to an existing Protel ASY400 monitor, it may be necessary to update the monitor firmware to take advantage of the new display features.

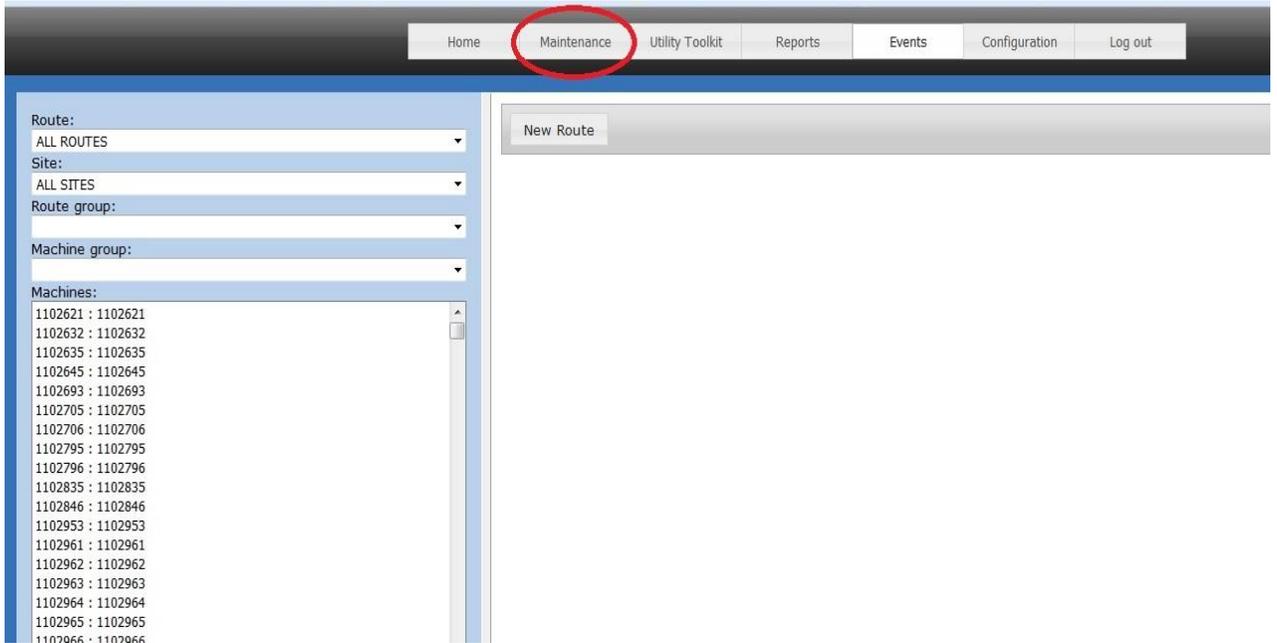
## **IMPORTANT:**

For correct presentation of the display vend pricing / duration, it will be necessary to assign AIR vends to Timer #1 and VAC vends to Timer #2.

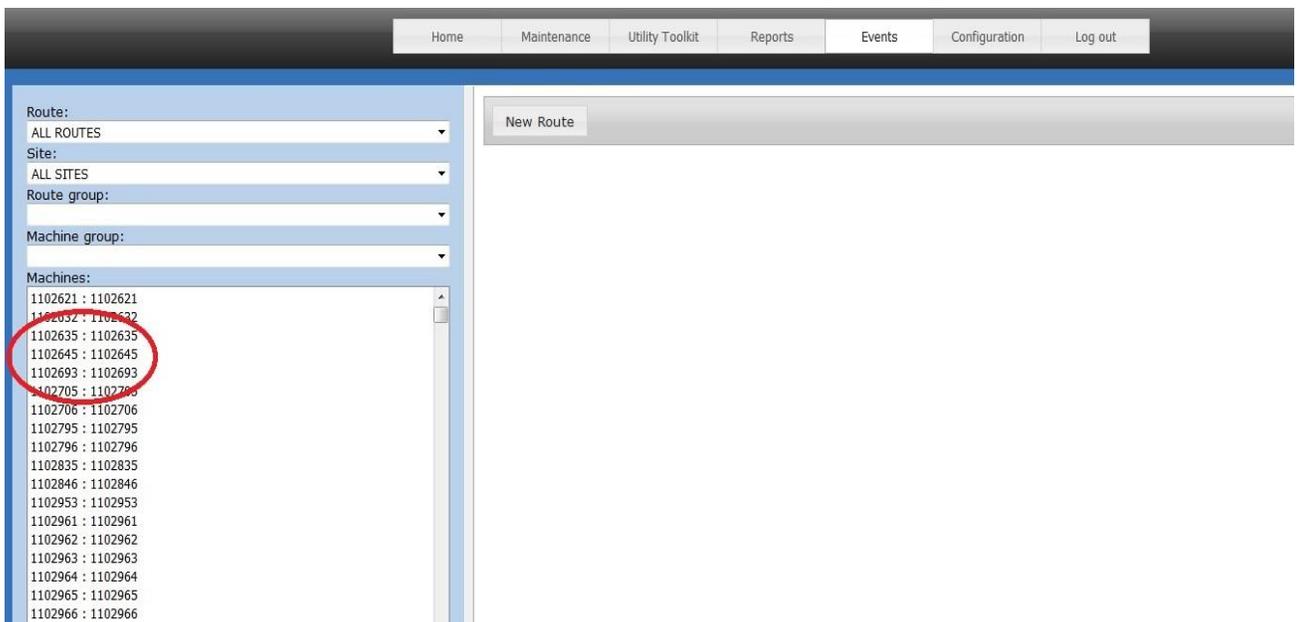
This document outlines the basic procedures for verifying / updating the existing monitor firmware and setting vend price / durations.

# Verify and Update Monitor Firmware

1. Log into IVS (<http://www.protelvending.com>)
2. Select Maintenance from the top menu bar.



3. Select the machine.



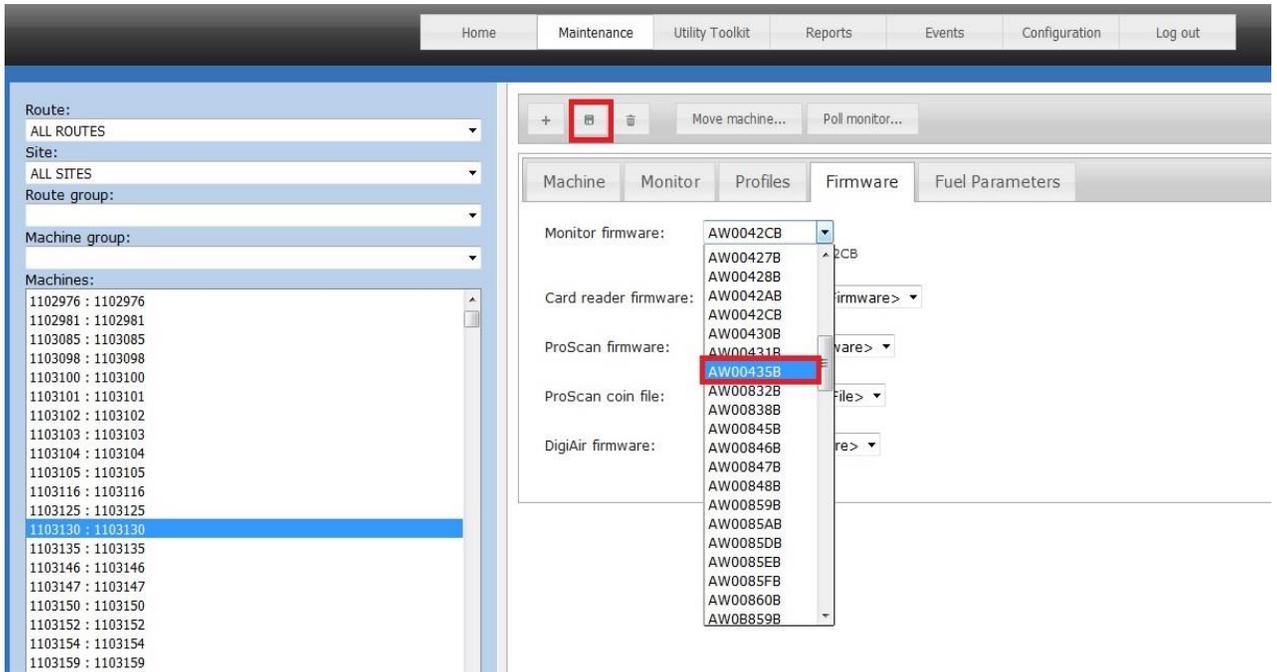
4. Select Monitor tab and verify the monitor is an ASY400.

The screenshot shows a web-based configuration interface. At the top, there is a navigation bar with tabs: Home, Maintenance, Utility Toolkit, Reports, Events, Configuration, and Log out. On the left side, there are several dropdown menus for 'Route:', 'Site:', 'Route group:', and 'Machine group:'. Below these is a list of 'Machines:' with various ID ranges. The machine '1103130 : 1103130' is highlighted in blue. On the right side, there are tabs for 'Machine', 'Monitor', 'Profiles', 'Firmware', and 'Fuel Parameters'. The 'Monitor' tab is selected and circled in red. Below the tabs, there are several fields: 'Assigned monitor:' is set to 'TKT92711 - ASY400' (circled in red), 'Assigned freebee:' is '<No Freebee>', and 'Assigned freebee channel:' has radio buttons for 'Channel1' and 'Channel2'. Other fields include 'SIM ESN#:' (89014103257095297625), 'SIM MSISDN #:' (5667305863), 'Central mon. s/n:' (TKT92711-ASY400), 'Monitor type:' (CENTRAL), and 'Card Reader s/n:' (<No Card Reader>). A link 'Add Card Reader Config' is visible at the bottom.

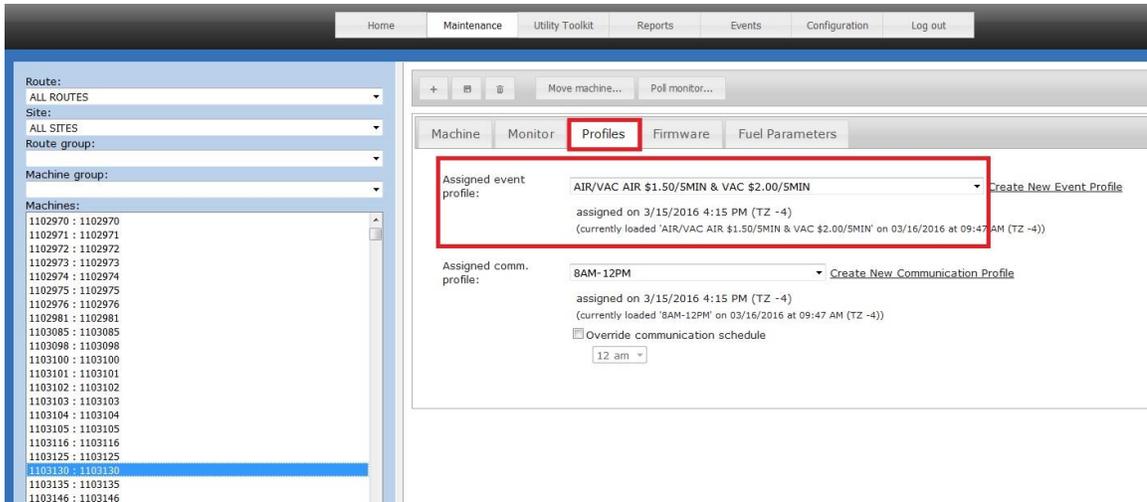
5. Select Firmware tab and check Last reported firmware version. If AW00435B or higher is reported, then no further action is necessary.

The screenshot shows the same web-based configuration interface as above. The 'Firmware' tab is selected and circled in red. The 'Monitor firmware:' field is set to 'AW0042CB', and a red box highlights the text 'last reported: AW0042CB' below it. Other fields include 'Card reader firmware:' (<No Card Reader Firmware>), 'ProScan firmware:' (<No ProScan Firmware>), 'ProScan coin file:' (<No ProScan CoinFile>), and 'DigiAir firmware:' (<No DigiAir Firmware>).

- If firmware is incorrect in Step 5, then select AW00435B or higher within the AW004xxx series from the Monitor Firmware dropdown and then click the Save icon.



- Select Profile tab to verify pricing. For correct presentation of the display vend pricing / duration, it will be necessary to assign AIR vends to Timer #1 and VAC vends to Timer #2.



**Note:** The following are for example only. Making changes to any existing profile will effect all machines running said profile. If necessary, create a new profile to assign to the LCD - Display machine.

## Air Only -

Air only machines should have a profile with the price and vend duration assigned to Timer 1 with Timer 2 set to all zero's:

The screenshot shows the configuration interface for an Air Only machine profile. The left sidebar lists various profile categories, with 'Event Configuration Profiles' expanded. A list of profiles is shown, with 'AIR \$1.50/5MIN' highlighted in blue. The main content area shows the configuration for this profile. At the top, there are navigation tabs: Home, Maintenance, Utility Toolkit, Reports, Events, Configuration, and Log out. Below these are several sections:

- Air Pressure Sensor:** Disabled
- Use Primary APN:** Enabled
- Digital Air Controller Diagnostics:** Enabled
- Coin Timer Parameters:** A table with columns 'Channel', 'Price', and 'Length'.
 

Channel	Price	Length
CH1 Timer 1 (Off)	\$1.50	5 Mins 0 Secs
CH2 Timer 2 (Off)	\$0.00	0 Mins 0 Secs
- Card Timer Parameters:** A section with a checkbox 'Same as coin timer parameters' checked. It contains a table with columns 'Channel', 'Price', and 'Length'.
 

Channel	Price	Length
CH1 Timer 1 (Off)	\$1.50	5 Mins 0 Secs
CH2 Timer 2 (Off)	\$0.00	0 Mins 0 Secs
- Carwash Parameters:** A section with a 'Selection' and 'Price' field.

## VAC Only –

Vac only machine should have a profile with the price and vend duration assigned to Timer 2 with Timer 1 set to all zero's:

The screenshot shows the configuration interface for a VAC Only machine profile. The left sidebar lists various profile categories, with 'Event Configuration Profiles' expanded. A list of profiles is shown, with 'VAC \$1.25/5MIN TIMER 2' highlighted in blue. The main content area shows the configuration for this profile. At the top, there are navigation tabs: Home, Maintenance, Utility Toolkit, Reports, Events, Configuration, and Log out. Below these are several sections:

- Air Pressure Sensor:** Disabled
- Use Primary APN:** Enabled
- Digital Air Controller Diagnostics:** Enabled
- Coin Timer Parameters:** A table with columns 'Channel', 'Price', and 'Length'.
 

Channel	Price	Length
CH1 Timer 1 (Off)	\$0.00	0 Mins 0 Secs
CH2 Timer 2 (Off)	\$1.25	5 Mins 0 Secs
- Card Timer Parameters:** A section with a checkbox 'Same as coin timer parameters' checked. It contains a table with columns 'Channel', 'Price', and 'Length'.
 

Channel	Price	Length
CH1 Timer 1 (Off)	\$0.00	0 Mins 0 Secs
CH2 Timer 2 (Off)	\$1.25	5 Mins 0 Secs
- Carwash Parameters:** A section with a 'Selection' and 'Price' field.

## Air / Vac Combo –

Air and Vac combos should have a profile with the price and vend duration assigned to both Timers (Air to Timer 1 and Vac to Timer 2):

The screenshot shows the configuration interface with a navigation menu on the left and a main configuration area on the right. The navigation menu includes: Groups, Card Reader Event Profiles, Card Reader Accepted Cards Profiles, Communication Profiles, and Event Configuration Profiles. Under Event Configuration Profiles, a list of profiles is shown, with 'AIR/VAC \$1.00/4MIN & VAC \$1.50/5MIN' highlighted in red. The main configuration area contains a table of system settings and a 'Coin Timer Parameters' section. The 'Coin Timer Parameters' section is also highlighted with a red box and contains the following data:

Channel	Price	Length
CH1	Timer 1 (OFF)	\$1.00 4 Mins 0 Secs
CH2	Timer 2 (OFF)	\$1.50 5 Mins 0 Secs

- From the Machine Maintenance Page, poll the monitor to initiate the download of any necessary changes.

The screenshot shows the Machine Maintenance Page with a navigation menu on the left and a main configuration area on the right. The navigation menu includes: Route, Site, Route group, Machine group, and Machines. The main configuration area has tabs for Machine, Monitor, Profiles, Firmware, and Fuel Parameters. The 'Monitor' tab is selected, and a 'Poll monitor...' button is highlighted with a red box. The main configuration area also shows assigned event and communication profiles.