



OPTRAFFIC SIGNS AUSTRALIA

VMS SOFTWARE OPERATIONS MANUAL



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PREFACE

This Manual was prepared by OPTRAFFIC SIGNS AUSTRALIA Pty. Limited.

The objective of this Manual is to describe OPTSA's Variable Message Board (VMS) WEB SOFTWARE and Set-Up Instructions.

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***Notice:* Before you start using your new Trailer Mounted VMS Board please read through this Manual once, to familiarise yourself with all the terms and instructions and have a positive experience with our product(s).**

(* Manual subject to change without notice).

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OPTSA VMS SOFTWARE - WEB OPERATIONS MANUAL

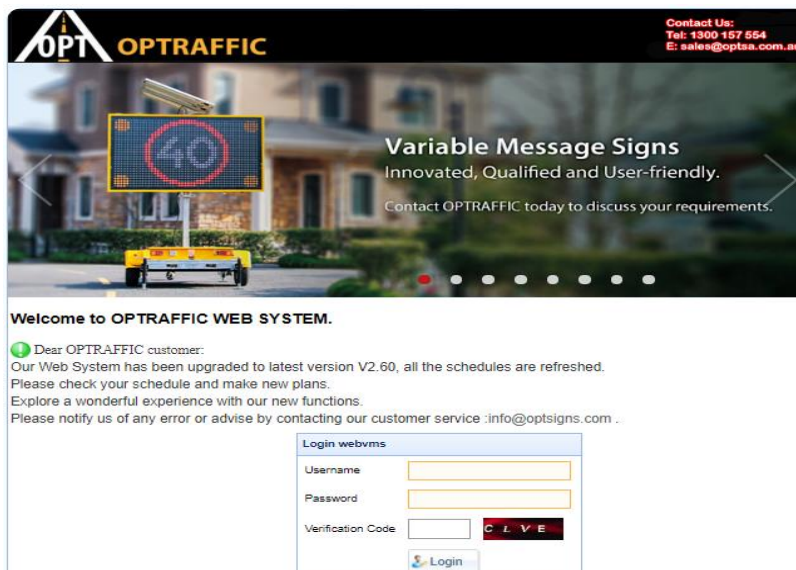
1.0 WEB VMS Introduction:

OPTRAFFIC Signs Australia’s WEB VMS SOFTWARE is an internet-based system which allows our customers to remotely control and program their OPTSA VMS Board(s). Our valued customers can manage the messages on their VMS Board(s) as well as check the real-time working conditions with any internet enabled device, such as a desk top, lap top, tablet or mobile telephone. Our interactive software system also allows you to track the location of your VMS Board(s) through Google Maps with the built-in mapping feature. Our easy to use and feature packed WEB VMS SOFTWARE will guarantee you a positive user-friendly experience.

***** PLEASE ENSURE YOUR VMS BATTERIES ARE FULLY CHARGED BEFORE USE. It takes 14 hours to fully charge the 2 x 200 Amp Hour batteries with a 30 Amp Charger. *****

2.0 How to LOG IN:

Go to website: <http://web-vms.com:8080/webvms/login.jsp>



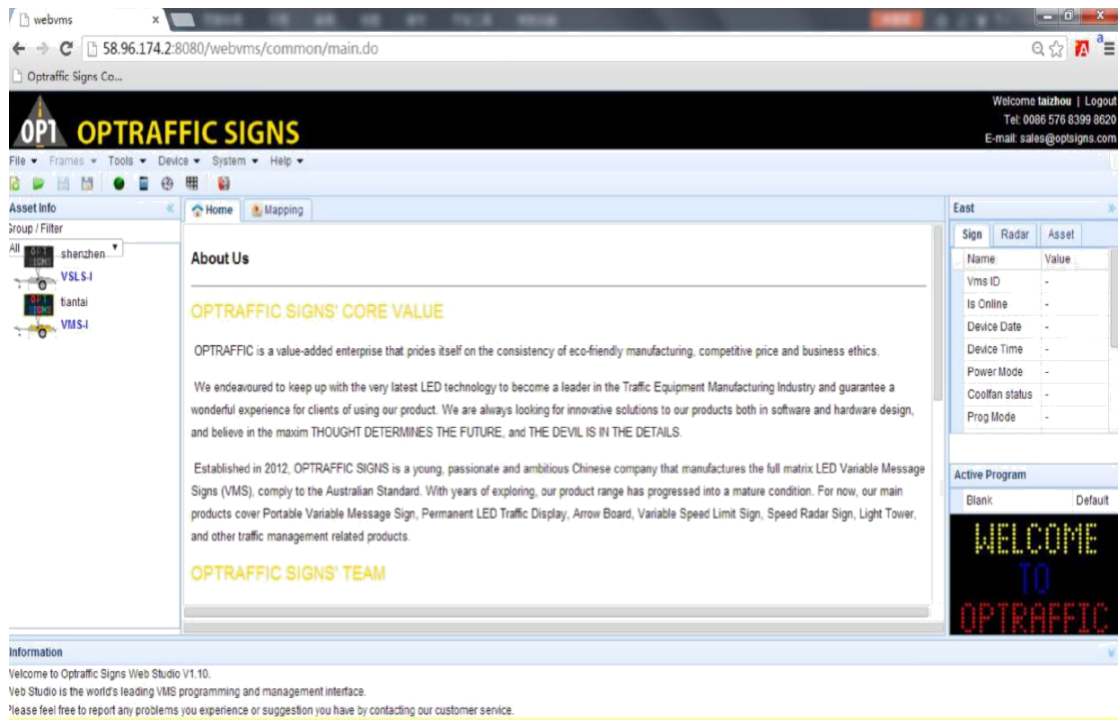
Log In with your Account, Password and Verification Code. If the Verification Code is not clear to you, you can change it for another one by clicking it.

Please keep your Account and Password in a safe place for security reasons.

Note: 6 Login attempts with the wrong account and/or password will automatically disable further login to the system for half an hour.

***** OPTRAFFIC Signs Australia is not responsible for any issues caused by customers giving away their password. *****

You will find a page similar as shown below, when you log in successfully.



3.0 MAIN FUNCTIONS

3.1 WHAT ARE THE MAIN FUNCTIONS?



There are Five main drop down menus on the Function Menu Bar:
File, Tools, Device, System, Help

There are Nine Shortcut Buttons:
New Page / Open File / Program Save / Brightness Control / Radar / SMS / Scheduler / Other Setting / File Manager

Note: ***Details of how to use these functions are explained later in this Manual.

3.2 ASSET INFORMATION

3.2.1 HOW DO I TELL IF MY VMS IS ONLINE?

Look for the VMS on the left hand column that is coloured:

Colourful VMS means it is Online. Grey VMS means it is Offline.

Group/Filter: choose your branch, company or sub account, and it will only show the VMS devices under the account that you chose.



Click on the specific VMS when you want to create a program. If no VMS icons are clicked and highlighted, any programs or changes you make will fail to upload if you don't click on a specific VMS.

3.3 VMS DATA

3.3.1 WHERE DO I FIND OUT THE CONDITION OF THE VMS ?

On the right hand side of the screen there's Asset Information with 3 Tabs.

The **Sign** tab shows the condition of the VMS as follows:

VMS Name, VMS ID, Online Status, Device Date, Device Time, Power Mode, Program Mode, Brightness, Temperature, Voltage.

Asset Information		
Sign	Radar	Asset
Name	Value	
VMS Name	QLDDISPLAYVMS	
VMS ID	0491	
Online Status	No	
Device Date	2018-08-19	
Device Time	11:15:17	
Power Mode	Open	
Prog Mode	Image	
Brightness	7	
Temperature	27.0	
Voltage	12.59	

The **Radar** tab shows the following:

Max Speed Limit, Min Speed Limit, Display Format, Detection Range.

Sign	Radar	Asset
Name		Value
Status		
Max Speed Limit		
Min Speed Limit		
Display Format		
Detection Range		

Note: ***Values will only appear here if the VMS is fitted with a radar or the item is a VSLs (Variable Speed Limit Sign).

The **Asset** tab shows the following:

Org Name, Org Type, VMS Size, VMS Colour, Hardware Version.

Sign	Radar	Asset
Name		Value
Org Name		BILL
Org Type		Rent
VMS Size		C
VMS Color		5 Color
Hardware Version		2.3

Note: ***You can also find the Asset Information by directly clicking the specific VMS icon on the Google Map under the Mapping Tab.

3.4 HOW TO CHANGE YOUR PASSWORD

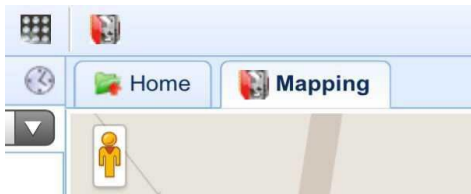


Click on the Organisations Name, next to Welcome as shown above, which is on the top right hand corner of the screen.

For example, if your organisations name was Taizhou, you can change your password by clicking Taizhou and then follow the prompts.

3.5 VMS ON GOOGLE MAPS

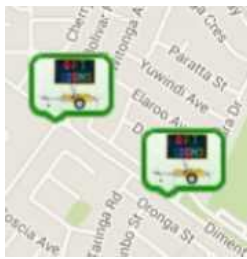
Open the **MAPPING** page (next to Home)



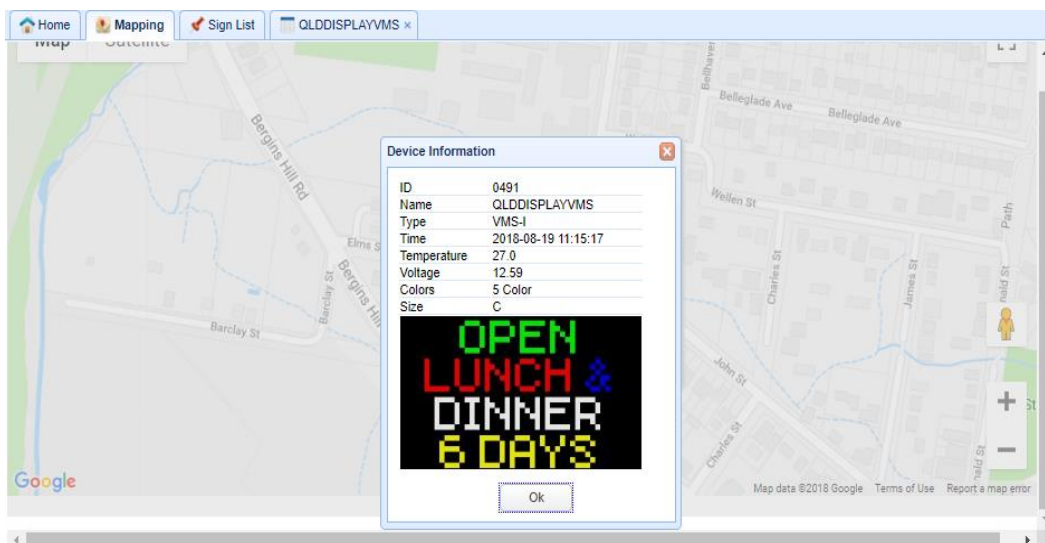
Find your VMS location by clicking on the VMS in the left column.



You can also find the VMS information by directly clicking the **VMS** on the Map.



When you click on your VMS the Device Information will be displayed as shown in the image below.

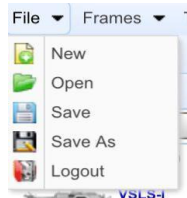


4.0 DETAILED FUNCTIONS

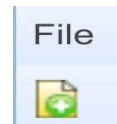
FILE

4.1 HOW TO CREATE A NEW FRAME

To create a new message on your VMS, you have to create a New Frame.

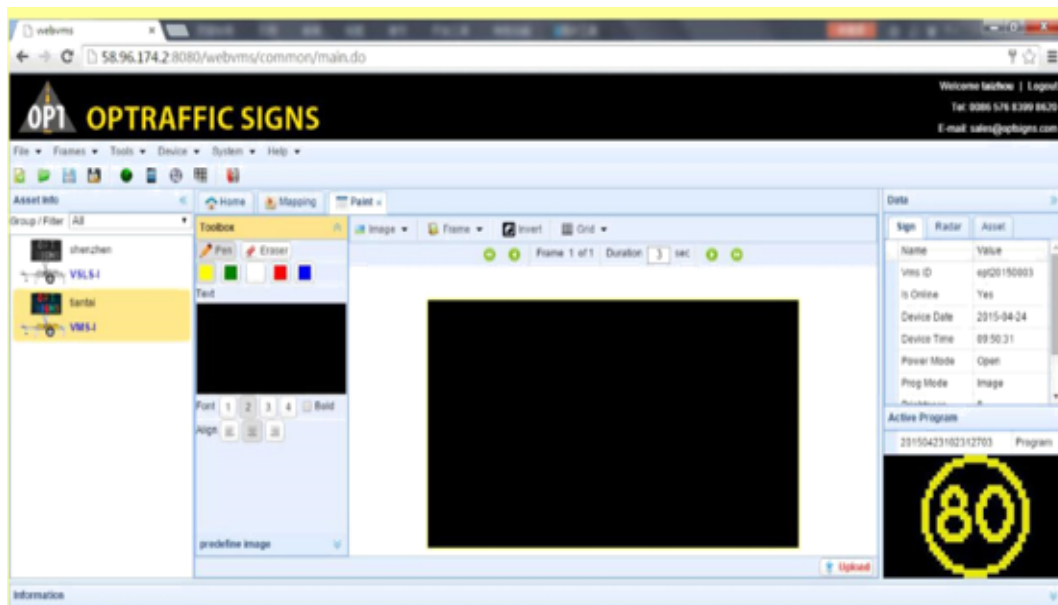


Click FILE and choose NEW

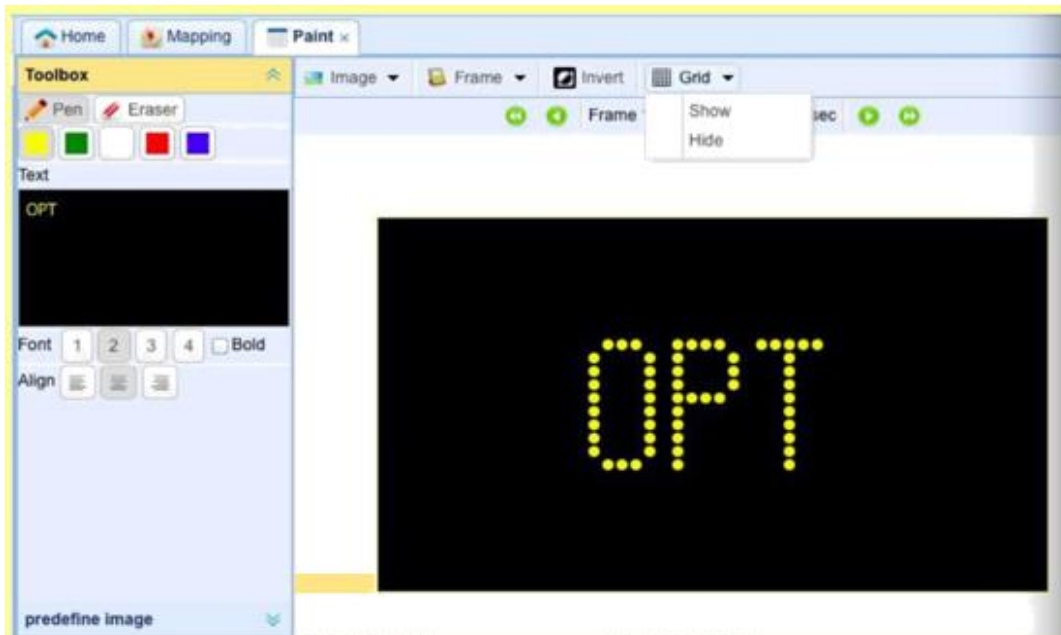


Or, you can just click the shortcut key under the FILE

This will open up the paint page Tab and window, which is used to create the frame(s) in.

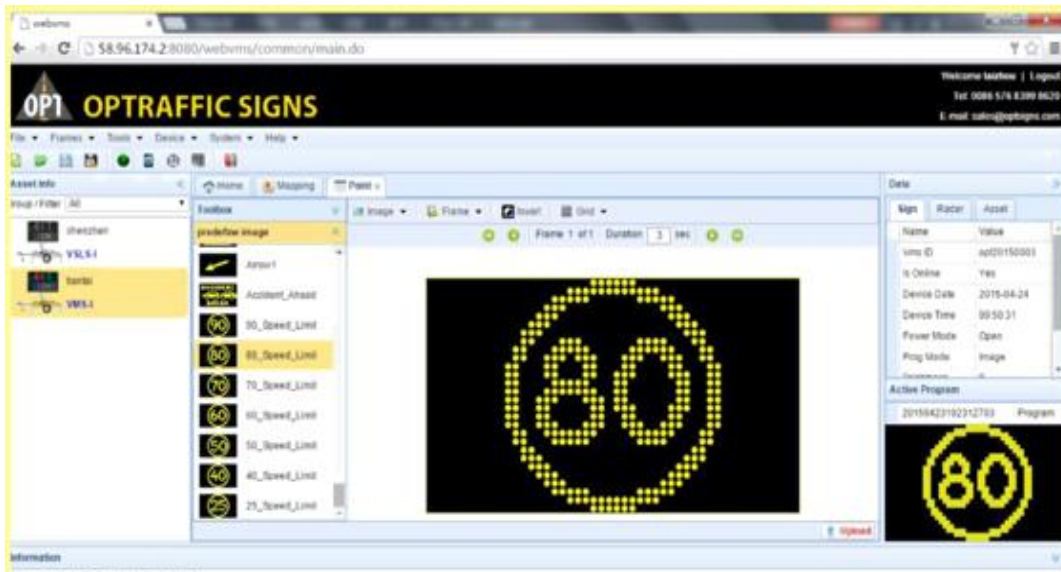


There are Four font sizes, bold, align option and five-colour options for you to choose from. Place and click your cursor inside the small black window in the Toolbox under Text. Choose the colour first, before you start typing your message. You can also highlight the text after you have typed it and then change the colour by clicking on any of the 5 colour square pallets.



You can just type in the Text box and you will see what you have typed in the large Paint Window.

You can also close the **ToolBox** window by clicking it, and open the **Predefined Images** column by clicking it. Choose the image you like and Upload it. You will see the Predefined Image you have chosen in the large Paint Window.

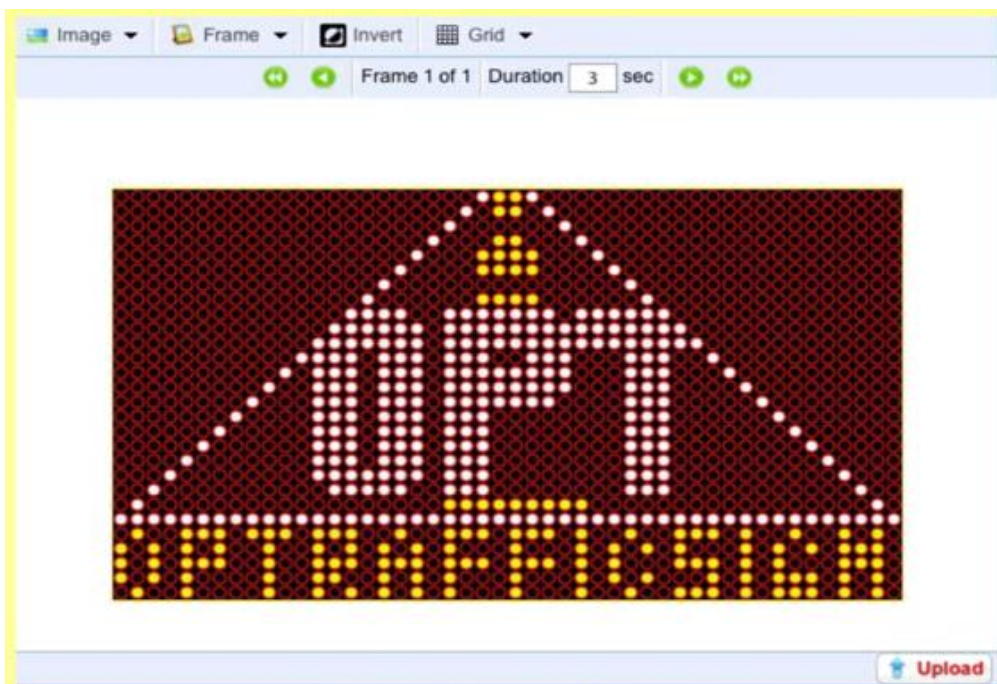
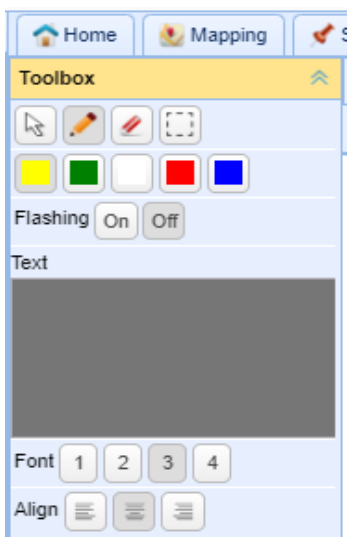


4.2 HOW TO DIY A FRAME

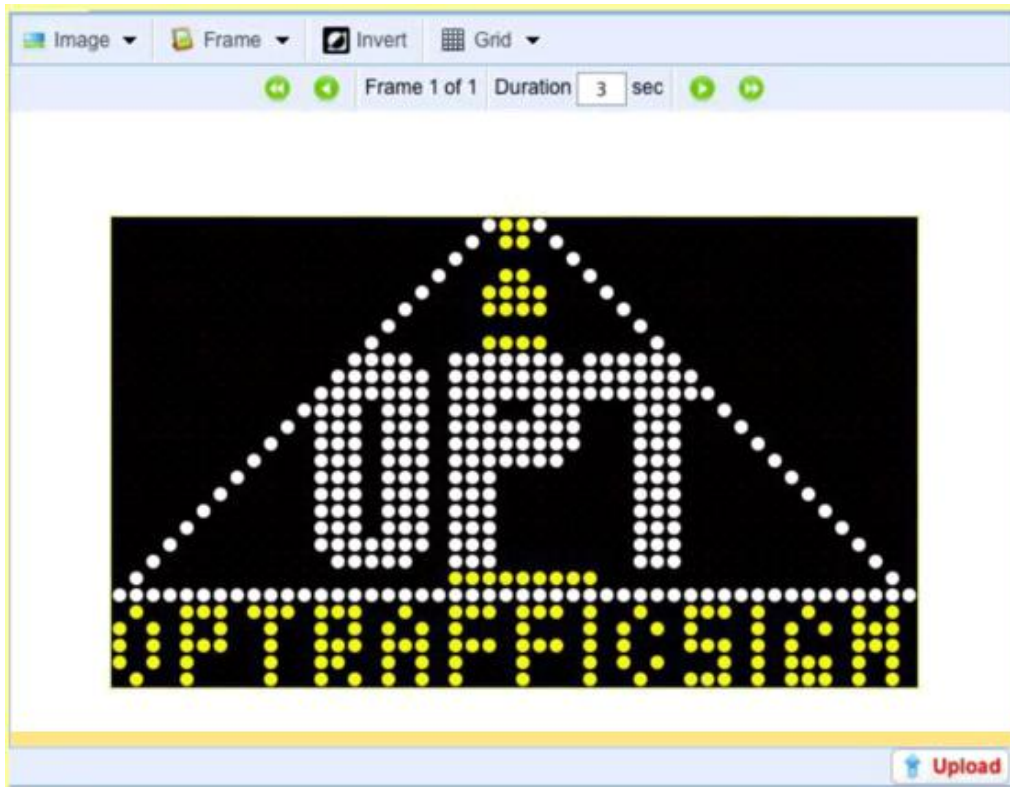
By clicking the **Grid** button, and then click Show, the Grid will appear in the window. This shows ALL the pixels of the VMS Screen.



Go to Toolbox to select the **Pen** to Add pixels or the **Eraser** to Remove the pixels. and create a custom image or edit an existing image.

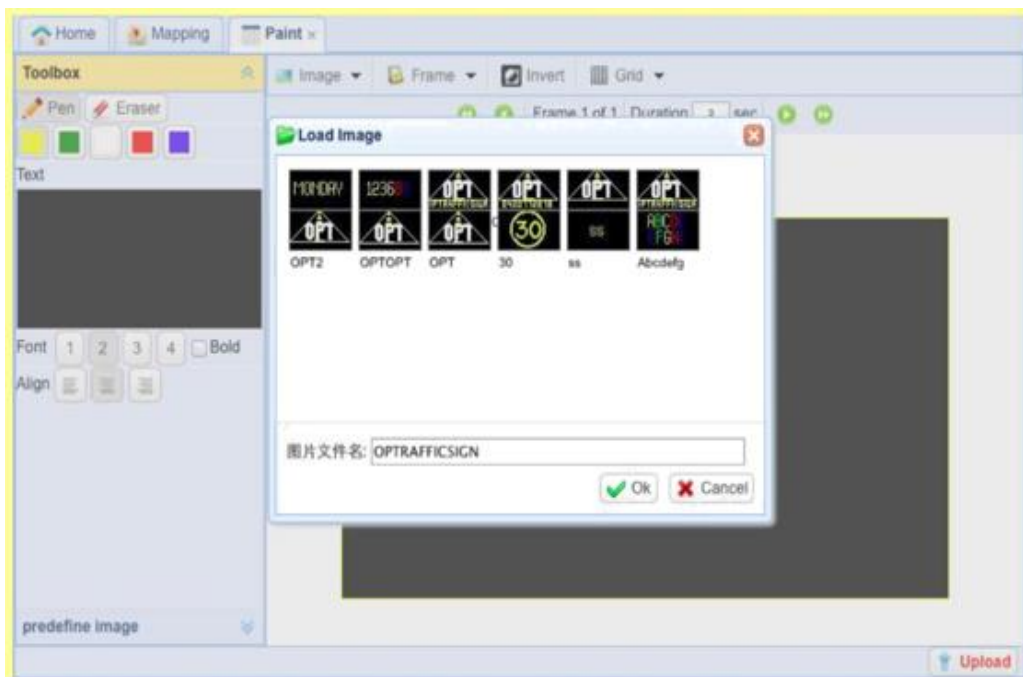


When you finish editing the Image, you can click the Grid **Hide** button to see the image without the Grid.



Remember to click the **Save** button to save the Edited Image for later use.

When you select to Save, this will open up a window where you can see all your EDITED IMAGES. You can also load any saved predefined images from this folder. This will be explained in more detail later in this manual.



4.3 HOW TO CHANGE THE COLOUR AT ONCE?

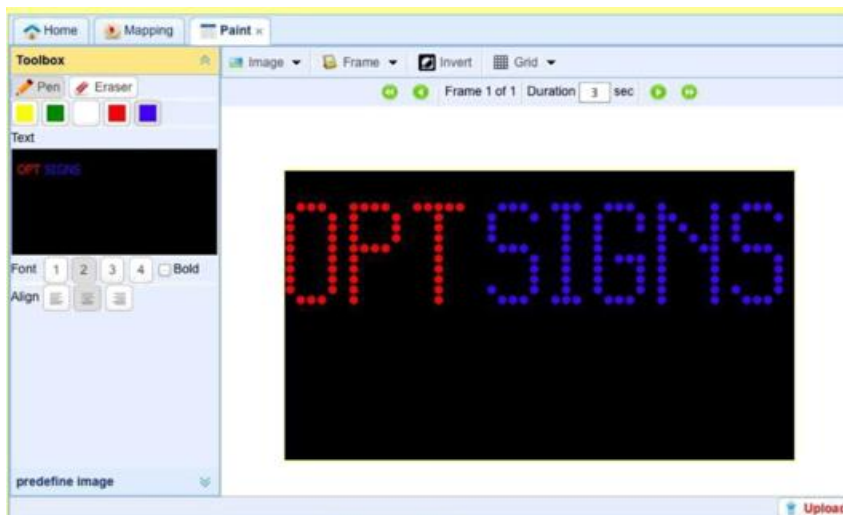
Type some letters in the TEXT BOX. Select the letters that you want to change colour to by placing your cursor at the end of the word(s) that you have typed, then holding down the left mouse button and drag the cursor across the word(s).



Click the square COLOUR option button, and press the **ENTER** key on your keyboard or press the Arrow Key on your keyboard to change the colour of the selected word(s).

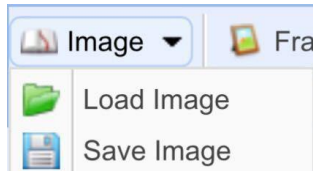


Note: By selecting different words or letters you can change only the ones you have selected to a different colour.



4.4 HOW TO SAVE THE FRAME?

You can save the frame so that it can be retrieved and re-used or re-edited at a later time.



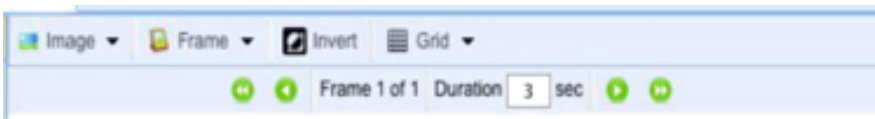
Click the **Image** button, then click Save Image to **Save the Frame.**

4.5 HOW TO MAKE MULTI-FRAMES

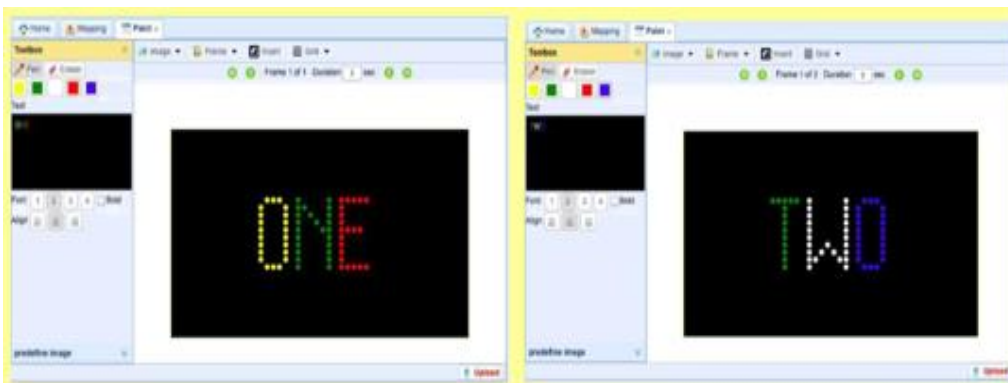
Click the **Frame** button. There are three options, **Clear Frame**, **Insert Frame** and **Delete Frame**. You can make a Multi-Frame message by inserting multiple frames, also, you can customize the **Duration** of each frame.



The duration is the amount of time each frame displays on the VMS board for. The default duration is 3 seconds.



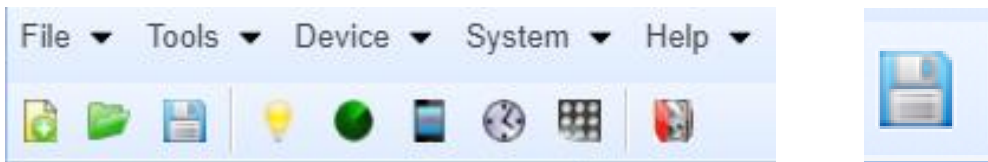
You can preview the frames you added by clicking the right/left arrow. Whenever you add a frame, the frame will add after your current frame.



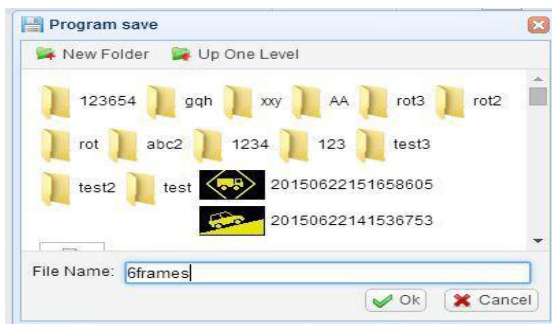


4.6 HOW TO SAVE A MULTI-FRAMES PROGRAM

After finishing creating a Multi-Frame message, as in the last step, click the Save shortcut button under the main menu.



A window similar to this one below, will appear.

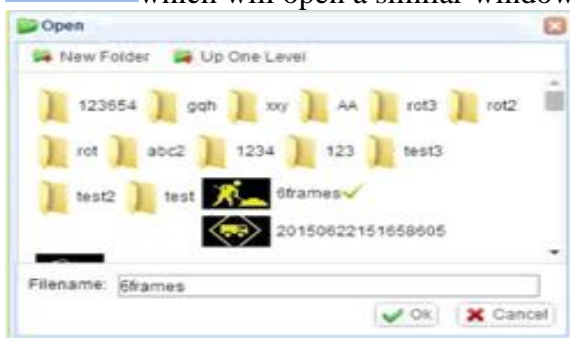


Then you save the multi-frames program by creating the name of your program, and click **OK**.

You can find your saved Program by clicking the Folder shortcut button,



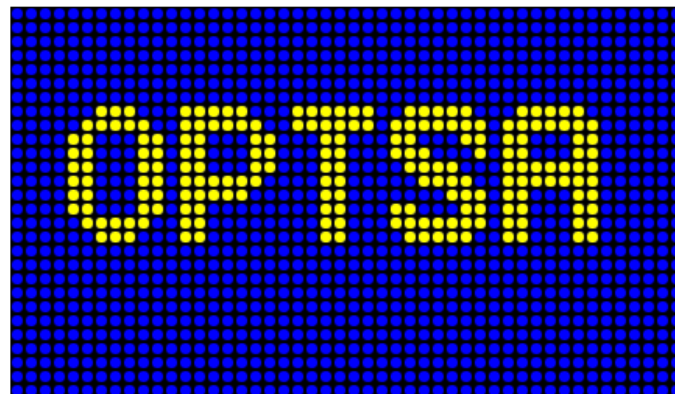
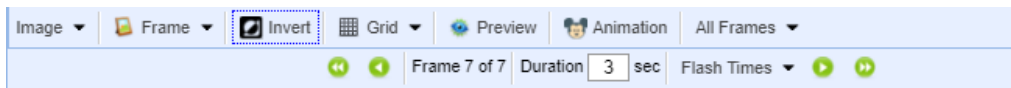
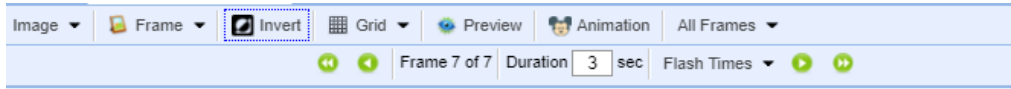
which will open a similar window as shown below.



Select your saved program File Name and click OK to open it and it will download your Multi-Frame Program into a Paint Window.

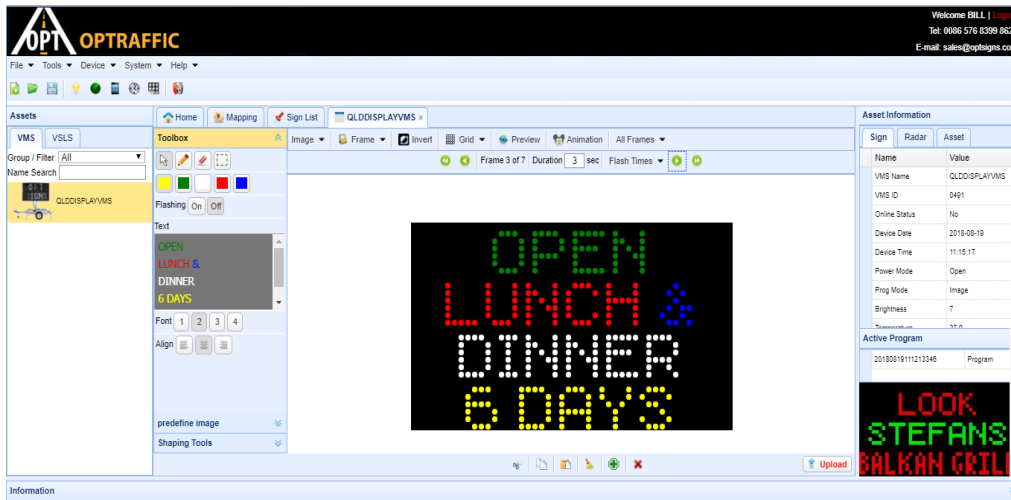
4.7 SPECIAL EDIT FUNCTION

Clicking the **Invert** button will make your VMS LED lamps play at opposite mode. You can select a different colour by clicking the Square coloured buttons. As you click the invert button on and off, the colour will change also.

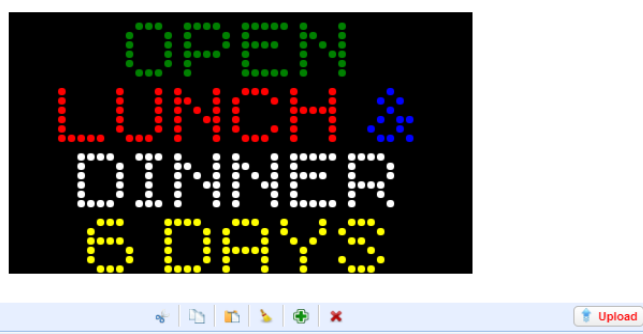


4.8 HOW TO CHECK IF YOUR IMAGE UPLOADED

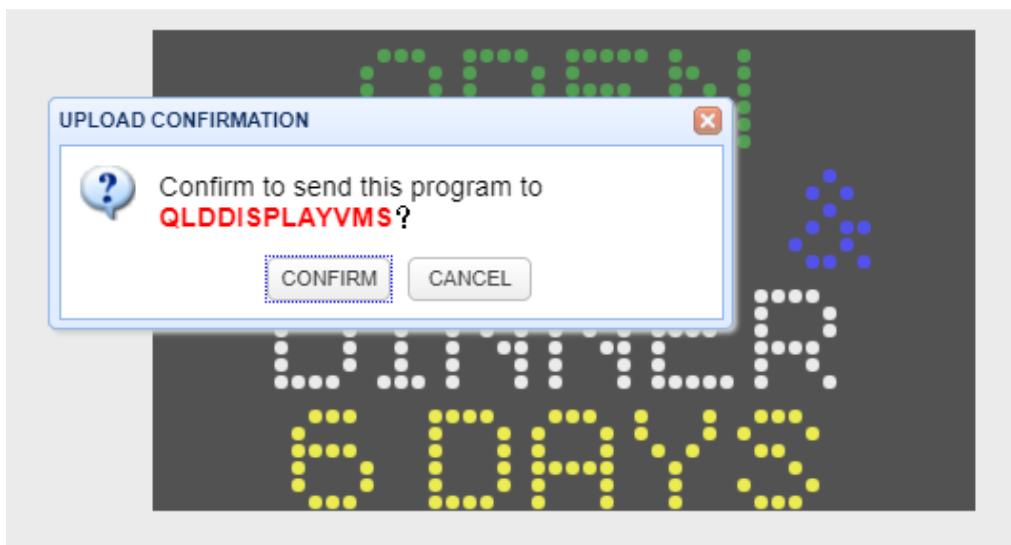
Once you have completed your Image or Frame(s) and you are happy with your message, you now need to Upload your image to the VMS board.



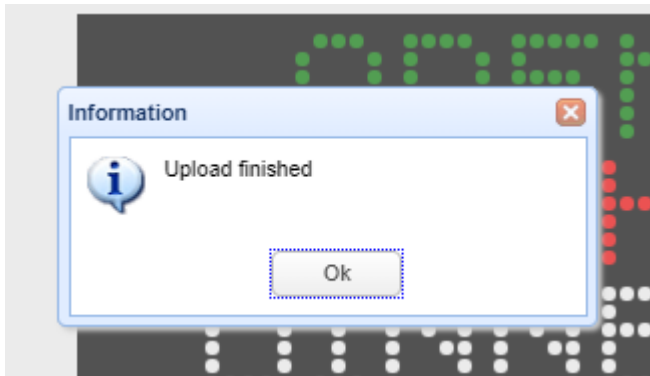
Click the **UPLOAD** button in the bottom right hand corner.



A window similar to the one below will display asking you to **CONFIRM** to send the program to the VMS Board. Click the Confirm button.

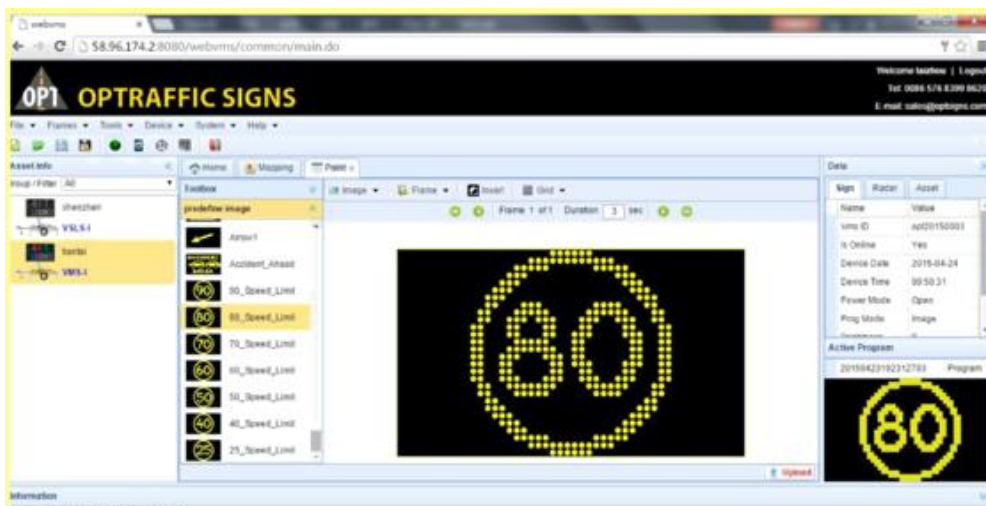
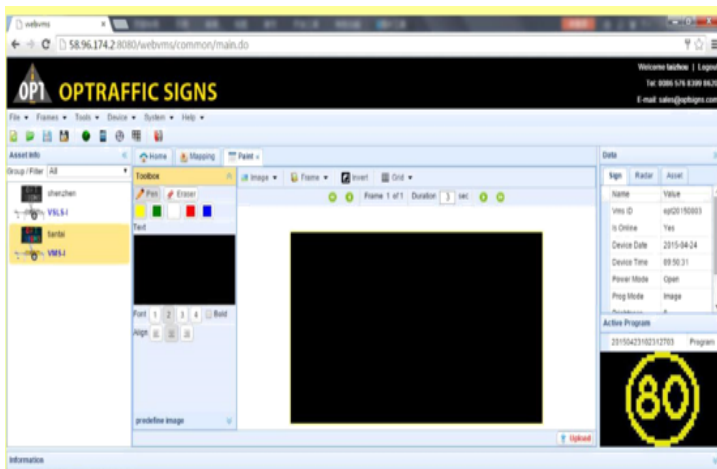


After clicking Confirm, another window will display similar to the one below advising you that the Upload is Finished. It may say “Upload Finished” or “Uploaded Successfully”, click the OK button.



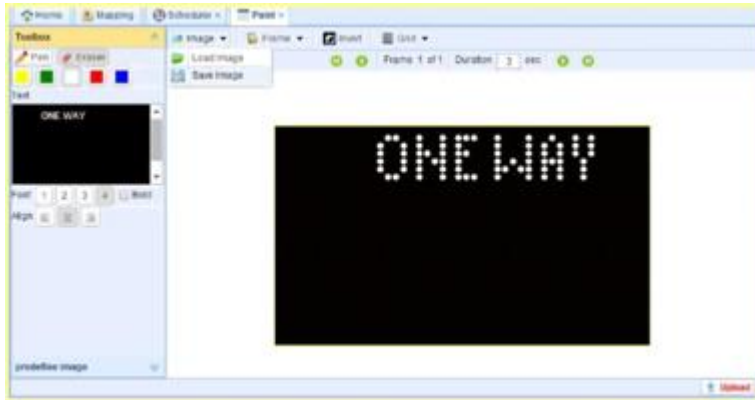
4.9 HOW TO EDIT THE LAST PROGRAM YOU UPLOADED

Click the VMS icon on the left side of the window, and the paint window will then Open and show the last program you sent to that particular VMS Board. You can now Edit any messages and Frames. Then SAVE and UPLOAD and Confirm Upload so the new edited message appears on the VMS Board.



4.10 HOW TO ADD TEXT TO A GRAPHIC

Type the text you want, and make sure it is positioned in the certain area of the paint window to allow room for a graphic.



Then Name it and **SAVE** it as a single program.

Then, you close the paint page, and open a New paint page. Then select a graphic(s) from the Predefined Images and click OK.



Now select and choose the previous Single Program text you saved earlier. The Two pictures will merge together on the paint window now.



Now you can **SAVE** this as a single program, for later use or keep adding new frames and Save as Multi-Frame Program.

5.0 *** TOOLS ***

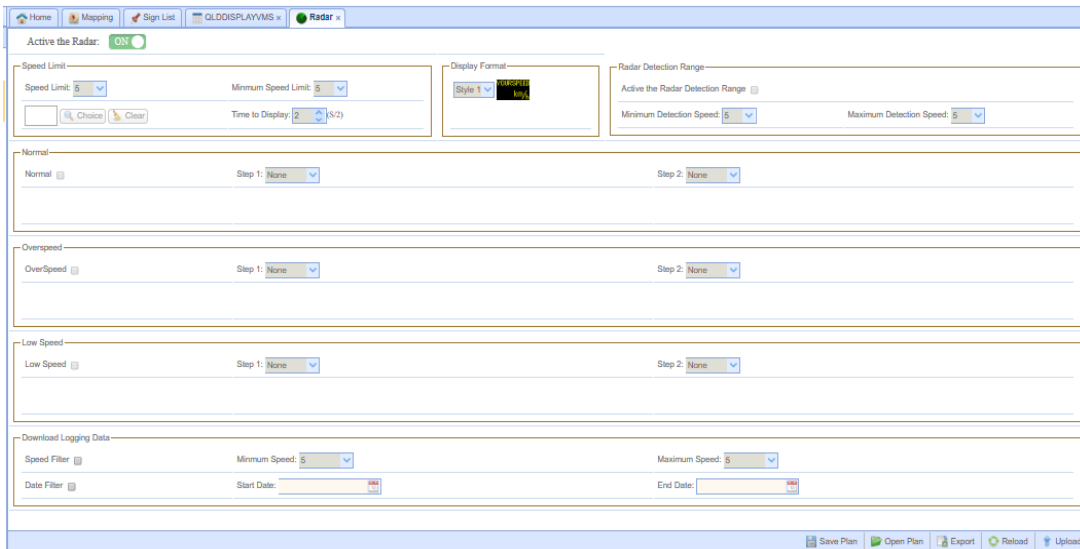
5.1 HOW TO SET THE RADAR

Click on Tools In the main menu and click on Radar if Your VMS has a radar fitted.



You can also click the Radar Shortcut Icon to open the Radar Tab.

A window similar to this one below will open.



Radar.

First you must Click the **Activate** the Radar button, to allow values to be added in the Speed Limit, Display Format and Radar Detection Range fields.

- Fill in the **Speed Limit** you prefer.
- Decide how Long you would like the SLOW DOWN message to appear for when the vehicle is detected over speed.
- Decide if you would like an “Image” to display for Below or Over Speed limits.
- Click the **Upload** button in the bottom right hand corner to upload the message to the VMS.

NOTE: Remember that vehicles are travelling at speed and the drivers only have 2-3 seconds to see the message(s). Keep your Messages and Images simple but effective. Explore the other options, including data logging and saving and exporting plans; to familiarise yourself with all the options available.

5.2 SMS MESSAGE REPORTING

To be alerted via a SMS message when the VMS board is UNDER VOLTAGE or it has a HIGH TEMPERATURE is an integral feature of OPTSA’s VMS WEB Software. It is a very convenient way to be alerted and monitor the critical performance of your VMS Board when you’re travelling or busy in meetings.

Click on Tools In the main menu and click on SMS.



You can also click the Radar Shortcut Icon to open the SMS Tab.

A window similar to this one below will open.

The screenshot shows the SMS configuration window with the following fields:

- Alarms:**
 - Note: Traffic Light controllers only support Under Voltage.
 - Under Voltage
 - High Temperature
 - Vdc:
 - °C:
- Mobile Phone Numbers:**
 - Mobile number:
 - SMS Password:
- Reporting Interval:**
 - Reporting Interval: minutes

Buttons for Download and Upload are located at the bottom right of the window.

- ALARMS – Set the Under Voltage and High Temperature you want to be notified with.
- Put in the desired Mobile Phone Number and SMS Password.
- Set the Reporting Interval in minutes.

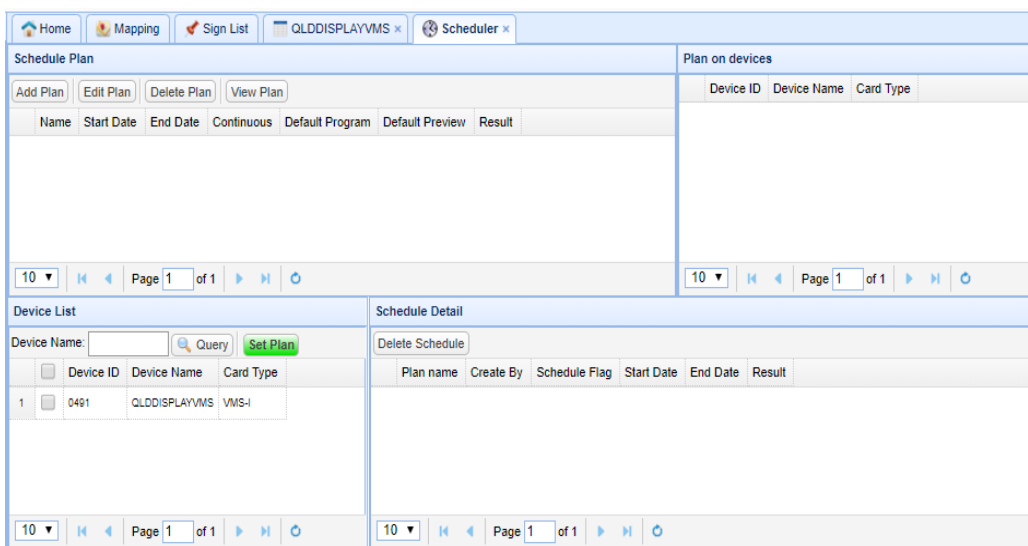
5.3 HOW TO MAKE A SCHEDULE

Click on Tools In the main menu and click on Scheduler.



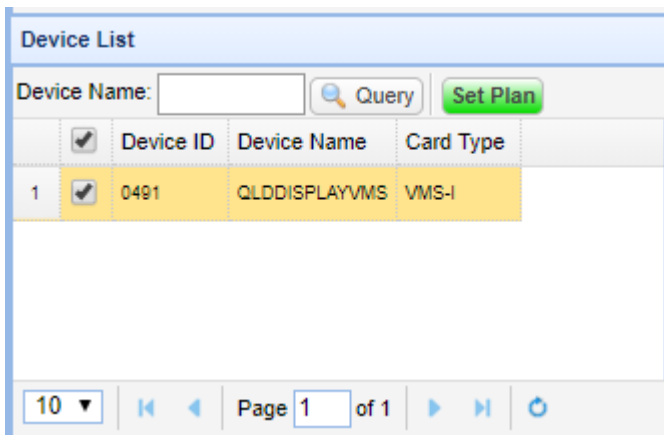
You can also click the Scheduler Shortcut Icon to open the Tab.

A window similar to this one below will open.

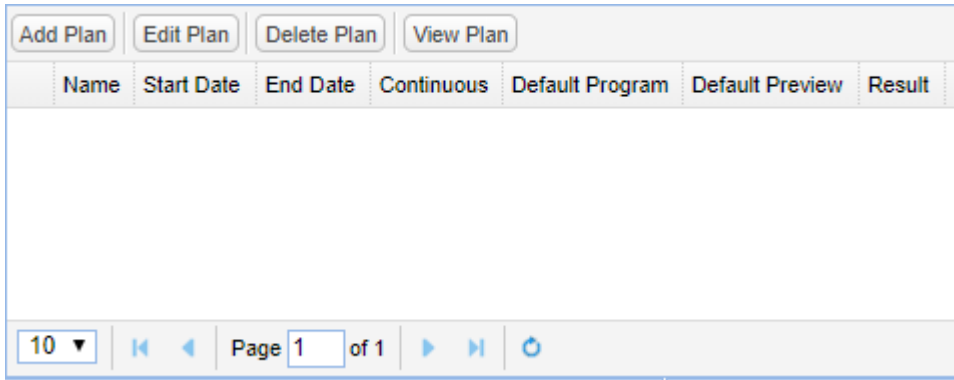


You can **Add**, **Edit** and **Delete** the Schedule according to your preference.

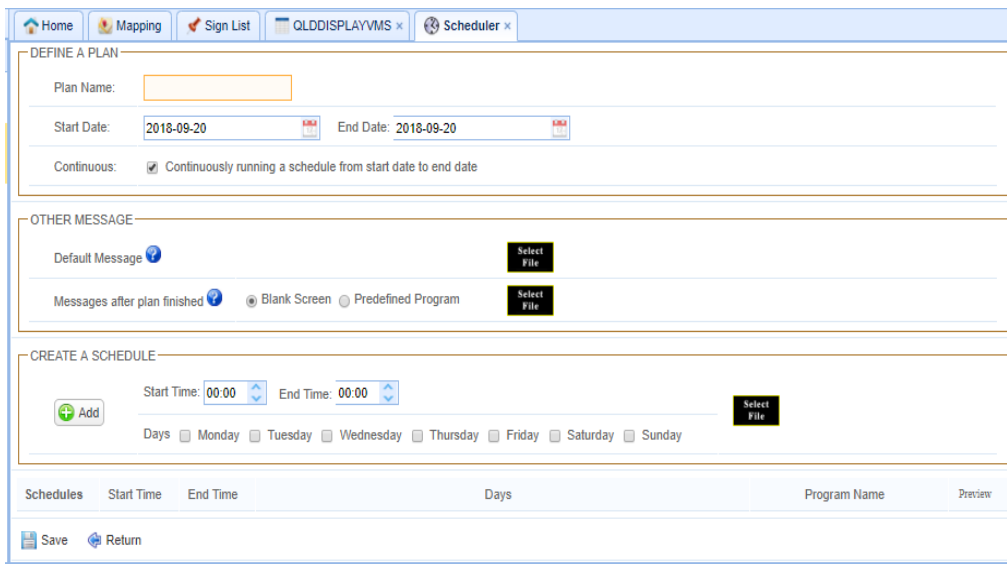
Select the particular VMS Board in the device list, and Click with your mouse to Check the box next to the VMS to select it.



Then Click Add Plan in the Schedule Plan section of the window.



When you Click Add Plan, a new DEFINE A PLAN window will open that looks similar to this one shown below.



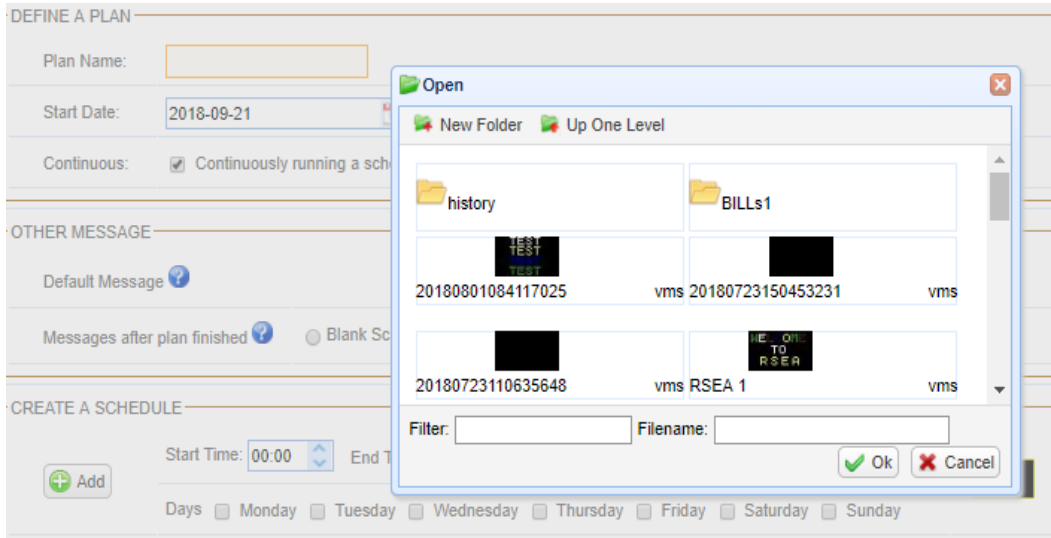
Give your plan a name and type it into the Plan Name box.
 Then select the Start Date and End Date and Click the Continuous box to check it if you want to continuously run a schedule from start date to end date.

In the OTHER MESSAGE field make sure to click to check either a Blank Screen box or Predefined Program box.

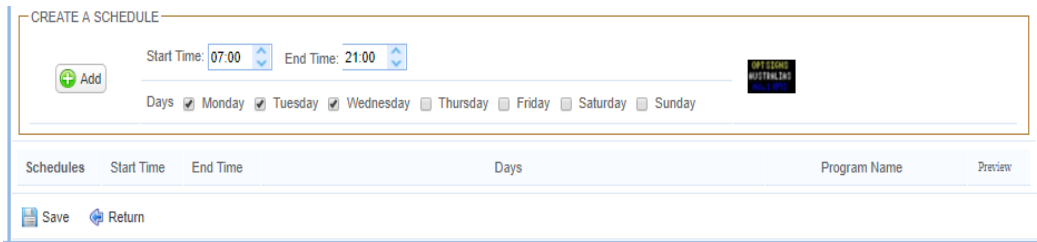
If you have selected a Predefined Program box; Then click on the Select File icon.



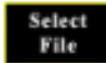
This will open a new window to find and select your Predefined Program from. Select your program and click OK.



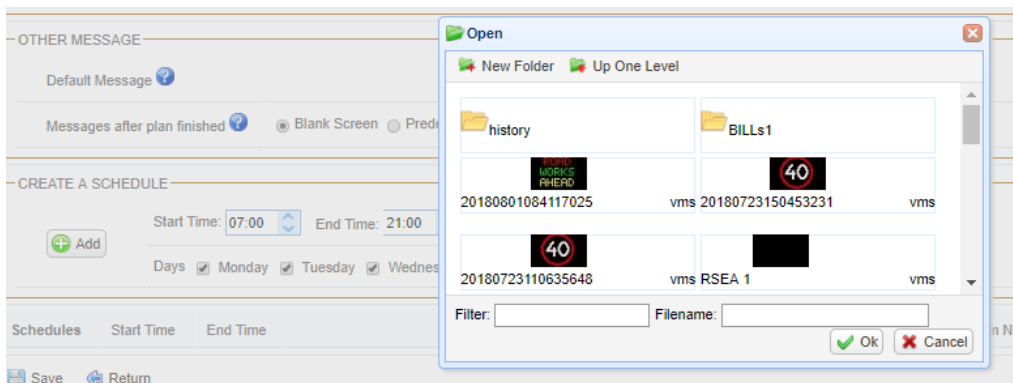
In the CREATE A SCHEDULE section; select the Start Time and End Time of your preference. The time clock is in an 24 hour format.



Select which Days of the week you want to run this schedule on.



Then click on the Select File icon to choose the Program you want to run. When you click on the Select File icon a new window will open that will look similar to the window as shown below.



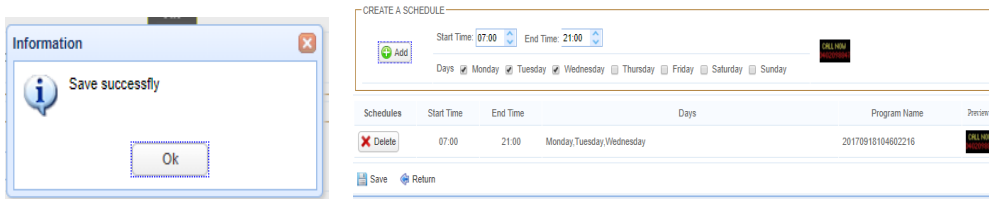
Locate and Select the Program you want to Run and click OK.

Then click the ADD icon to create the Schedule.



You will now need see the Scheduled Program Data appear in the Schedule Window as shown below.

SAVE the Schedule and give it a file name and click OK.



5.4 HOW TO SCHEDULE A MULTI-FRAMES PROGRAM

You will first need to make a Multi-Frame Program as shown in section 4.5 earlier in this manual if you have not already made one.

Or

You can select a Multi-Frame Program file that you have already created when you are making this schedule.

Then you simply set up the schedule same as regular steps listed in section 5.3 How To Make A Schedule above.

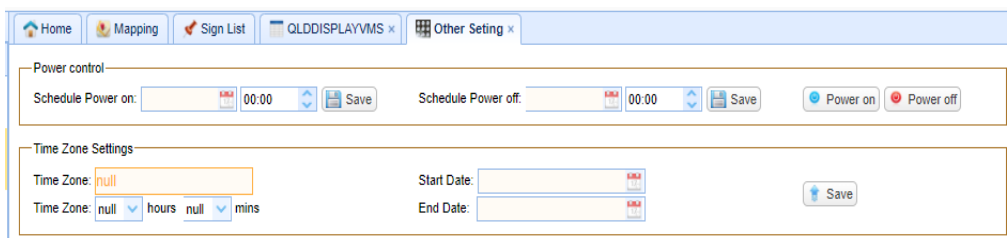
5.5 REMOTELY TURN POWER ON / OFF TO THE VMS

Click on Tools In the main menu and click on OTHER SETTINGS.



You can also click the Other Settings Icon to open the Tab.

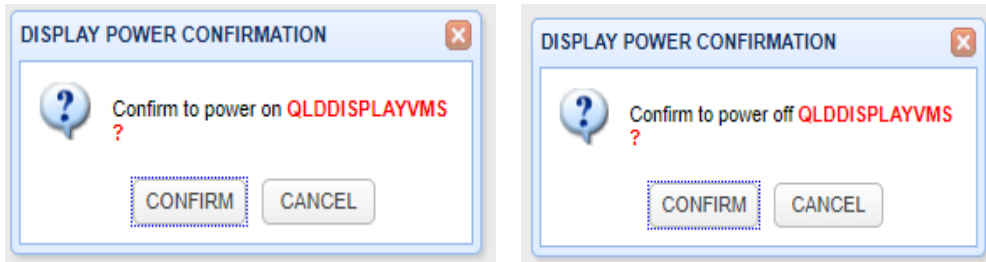
A window similar to this one below will open.



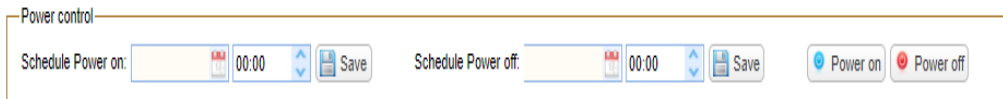
To Turn ON or OFF the power to the VMS Quickly, you can simply click the Power ON or Power Off Button.



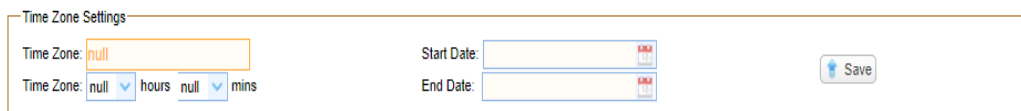
Once you click on either of the On or Off button, you will see a Confirmation window similar to the one below appear asking you to Confirm your selection. If you are certain of your selection, simply click the CONFIRM button.



You can also Schedule to Turn the Power ON / OFF by Setting the Date(s) and Time(s) and clicking the SAVE button to save the schedule(s) in the Power Control section.



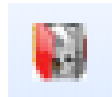
The Time Zone setting can be used if the VMS Board is in another State or Territory physically, and/or if there is a time difference between your location and the location of the VMS Board, such as Daylight Saving Time for example.



5.6 FILE MANAGER

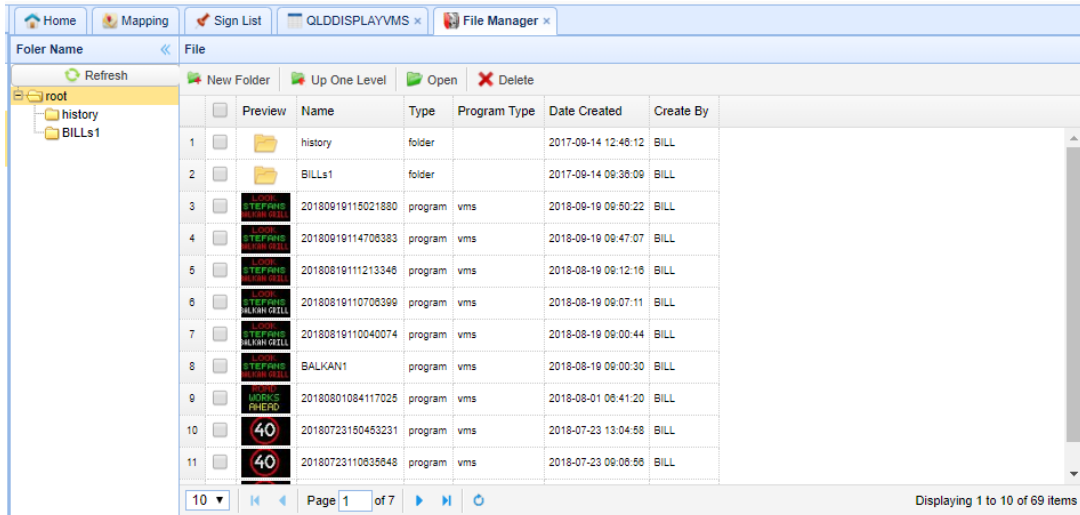
Click on Tools In the main menu and click on FILE MANAGER.





You can also click the File Manager Icon to open the Tab.

A window similar to this one below will open.

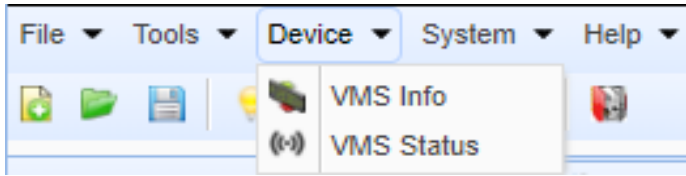


The FILE MANAGER allows you to Add or Delete files, and save the Predefined Images in the files. It is basically a file management tool to give you ease of access and sort your Files, Images and Programs according to your personal preferences.

6.0 *** DEVICE ***

6.1 VMS INFO AND STATUS

Click on DEVICE on the main menu bar as shown in the image below.



Then select and click on VMS Info, and a window will open which looks similar to the one shown below.

ID	Name	Type	Addr	Longitude	Latitude	Dtu ID	SIM ID	Colors	Size	Owner	Remark	CreateTime	Creator	Editor	EditTime
<input type="checkbox"/>	0491	QLDDISPLAYVMS	VMS-I	111	152.81284167	-27.61645833	OPT2015-0491		C	HRIA15		2017-04-03 16:59:32	xuxinyu	OPTSA	2018-08-19 09:15:19

Then if you Click on the VMS and check (tick) the box next to the item number, it will highlight the item you have selected and the window will look similar as the one shown below.

ID	Name	Type	Addr	Longitude	Latitude	Dtu ID	SIM ID	Colors	Size	Owner	Remark	CreateTime	Creator	Editor	EditTime
<input checked="" type="checkbox"/>	0491	QLDDISPLAYVMS	VMS-I	111	152.81284167	-27.61645833	OPT2015-0491		C	HRIA15		2017-04-03 16:59:32	xuxinyu	OPTSA	2018-08-19 09:15:19

Then click on the Edit button and a new window will appear that looks similar to the one shown below.

ID	<input type="text" value="0491"/>	Name	<input type="text" value="QLDDISPLAYVMS"/>
Type	<input type="text" value="VMS-I"/>	Addr	<input type="text" value="111"/>
Longitude	<input type="text" value="152.81284167"/>	Latitude	<input type="text" value="-27.61645833"/>
Dtu ID	<input type="text" value="OPT2015-0491"/>	SIM ID	<input type="text"/>
Colors		Size	<input type="text" value="C"/>
Remark	<input type="text"/>		
<input type="button" value="Save"/> <input type="button" value="Return"/>			

You can add any Remarks in the remarks field and click Save or click Return to go back to the previous window.



You can always see the Status of the VMS on the right-hand side of the screen under the Asset Information section.

Asset Information	
Name	Value
VMS Name	QLDDISPLAYVMS
VMS ID	0491
Online Status	No
Device Date	2018-08-19
Device Time	11:15:17
Power Mode	Open
Prog Mode	Image
Brightness	7
Temperature	27.0
Voltage	12.59

6.2 GRANT (Only the Head Account has this Function)

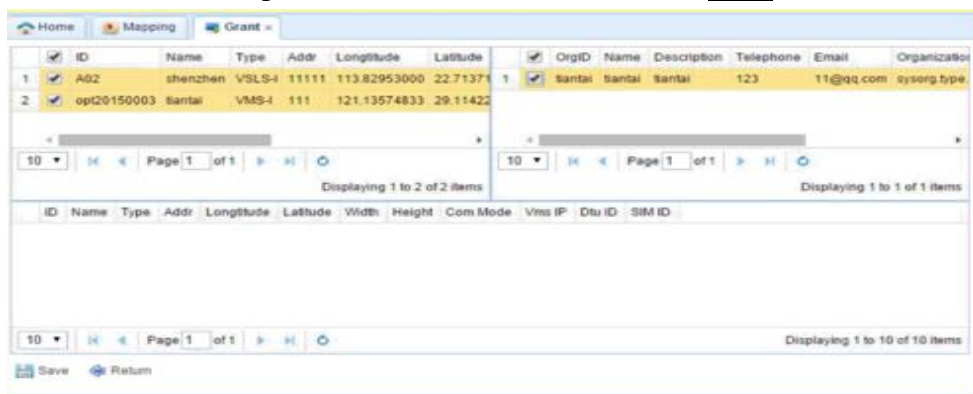
If you have the “Head Account” then you will see the “Grant” option available under the Device tab as shown below.



The Grant option allows you to add or transfer a particular VMS board to a Sub-Account.

6.3 HOW TO GRANT (ALLOCATE VMS) TO WEB ACCOUNT

Click **Grant**, and Select a particular VMS and related sub account to add the chosen VMS to the preferred Account. And then click **Save**.



OrgID	Name	Description	Telephone	Email	Organization Type	Is Enable	Is Lock	LockDate	Remark	CreatTime	Cre
1	santai	santai	123	11@qq.com	sysorg.type.rent	Yes	No	-		2015-04-15 10:39:03	taizf

ID	Name	Type	Addr	Longitude	Latitude	Width	Height	Com Mode	Vms IP	Dtu ID	SIM ID
1	A02	shenzhen	VLSL-I	11111	113.82953000	22.71371667				OPT2015-E000	1111
2	opt20150003	santai	VMS-I	111	121.13574833	29.11422833				OPT2015-0003	null

6.4 HOW TO REVOKE / RELOCATE VMS (Only the Head Account has this Function)

By Clicking **Revoke**, will allow you to transfer a particular VMS board from the Sub-Account. All the VMS boards under this Sub-Account will be displayed. By selecting (ticking) one or more VMS boards and clicking **Save**, will Revoke access to these particular boards by this Sub-Account.

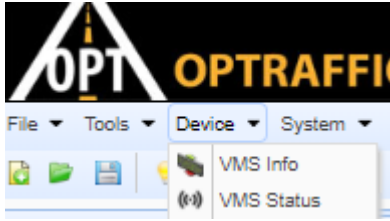
OrgID	Name	Description	Telephone	Email	Organization Type	Is Enable	Is Lock	LockDate
1	santai	santai	123	11@qq.com	sysorg.type.rent	Yes	No	-

ID	Name	Type	Addr	Longitude	Latitude	Width	Height	Com Mode	Vms IP	Dtu ID	SIM ID
<input checked="" type="checkbox"/>	1	A02	shenzhen	VLSL-I	11111	113.82953000	22.71371667			OPT2015-E000	1111
<input checked="" type="checkbox"/>	2	opt20150003	santai	VMS-I	111	121.13574833	29.11422833			OPT2015-0003	null

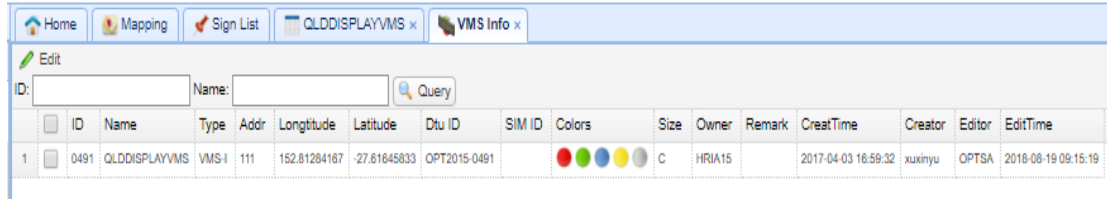
Once revoked, the VMS will move out of the sub-account.

6.5 HOW TO EDIT THE VMS NAME

Go to Device in the main menu and click on VMS Info.




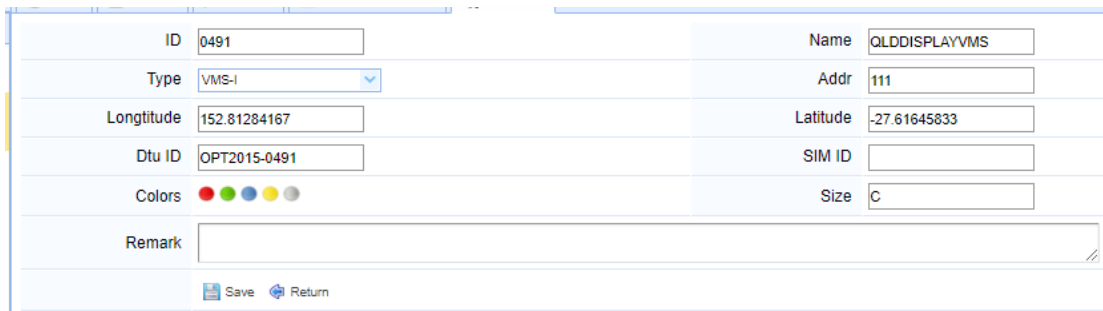
A window will open similar to the one shown below.



ID	Name	Type	Addr	Longitude	Latitude	Dtu ID	SIM ID	Colors	Size	Owner	Remark	CreateTime	Creator	Editor	EditTime
1	0491	QLDDISPLAYVMS	VMS-I	111	152.81284167	-27.61645833	OPT2015-0491		C	HRIA15		2017-04-03 16:59:32	xuxinyu	OPTSA	2018-08-19 09:15:19

You can enter in the ID or Name and click Query if you want to have a look at a particular VMS. Or you can simply select the particular VMS from the ones listed in the window.

Click the Edit  button and a new window will open.



ID	<input type="text" value="0491"/>	Name	<input type="text" value="QLDDISPLAYVMS"/>
Type	<input type="text" value="VMS-I"/>	Addr	<input type="text" value="111"/>
Longitude	<input type="text" value="152.81284167"/>	Latitude	<input type="text" value="-27.61645833"/>
Dtu ID	<input type="text" value="OPT2015-0491"/>	SIM ID	<input type="text"/>
Colors	<input type="text" value="●●●●"/>	Size	<input type="text" value="C"/>
Remark	<input type="text"/>		
<input type="button" value="Save"/> <input type="button" value="Return"/>			

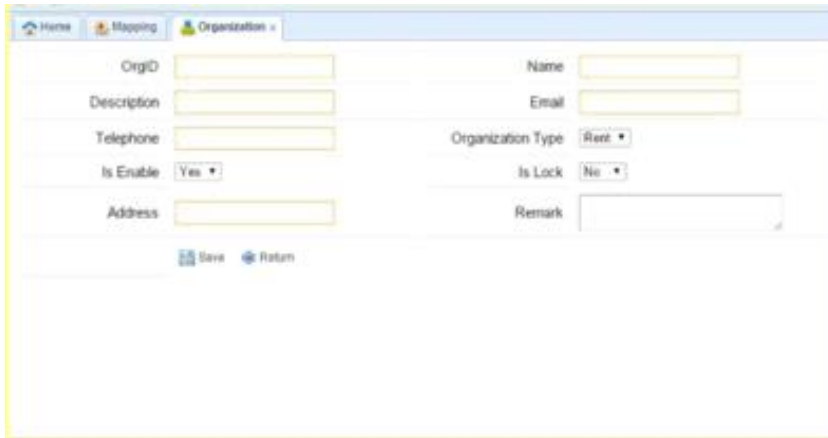
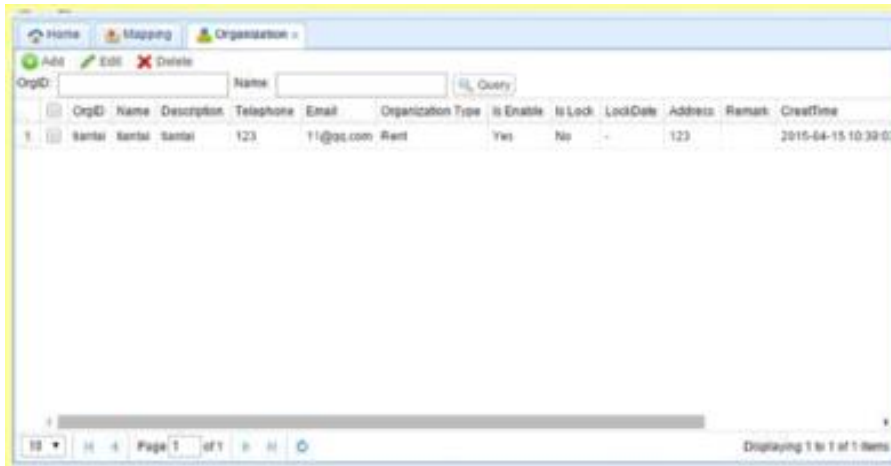
Fill in the information/content you want to change and click **SAVE**.

7.0 *** SYSTEM ***

7.1 HOW TO CREATE A SUB ORGANIZATION

Click **Organization**, and **Add** an Organization.

An **Organization** is just like a sub company, you can create multi **User Manager(s)** to access the **Organization**.



You can also **Edit** or **Delete** the organization that you have created.

7.2 HOW TO CREATE A USER MANAGER

Click **Add**, choose **Rent Role**, and the related Organization Name to add this Account.

Make sure you create an ORGANIZATION and add a USER MANAGER to the related ORGANIZATION. You can also create Multiple User Managers in One Organization.

The screenshot shows the 'User Manager' form with the following fields and options:

- ID:
- Name:
- Email:
- Telephone:
- Password:
- Confirm Password:
- Is Enable: Yes
- Is Lock: No
- Role: Rent Role
- Organization Name:
- Remark:

Buttons: Save, Return

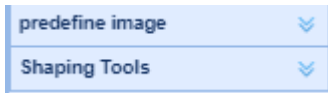
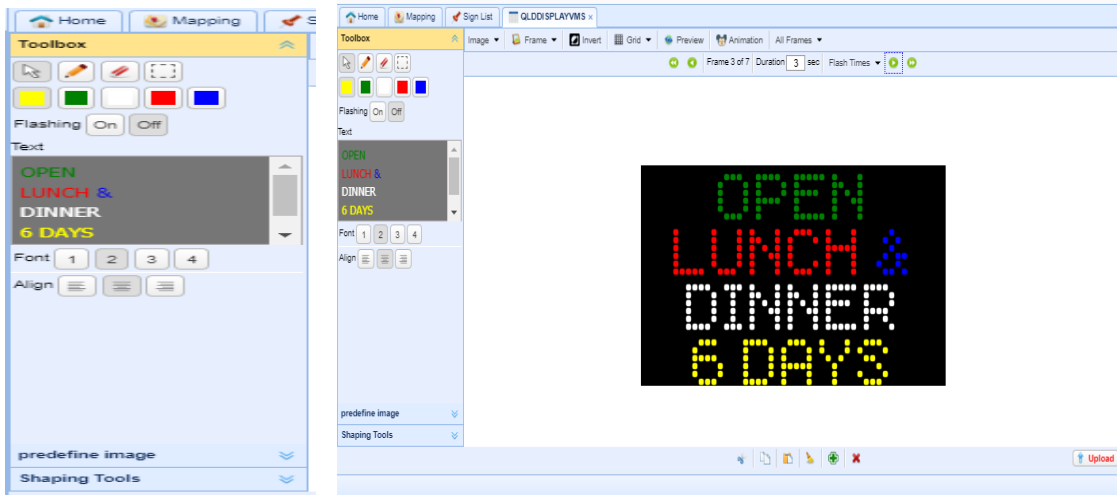
The screenshot shows the 'User Manager' list view with the following data:

ID	Name	Email	Telephone	Organization Name	Is Enable	Is Lock	lockdate	LoginFailCount	userLoginDate	Remark	CreateTime
1	santai	santai_11@qq.com	123	santai	Yes	No	-	1			2015-04-15

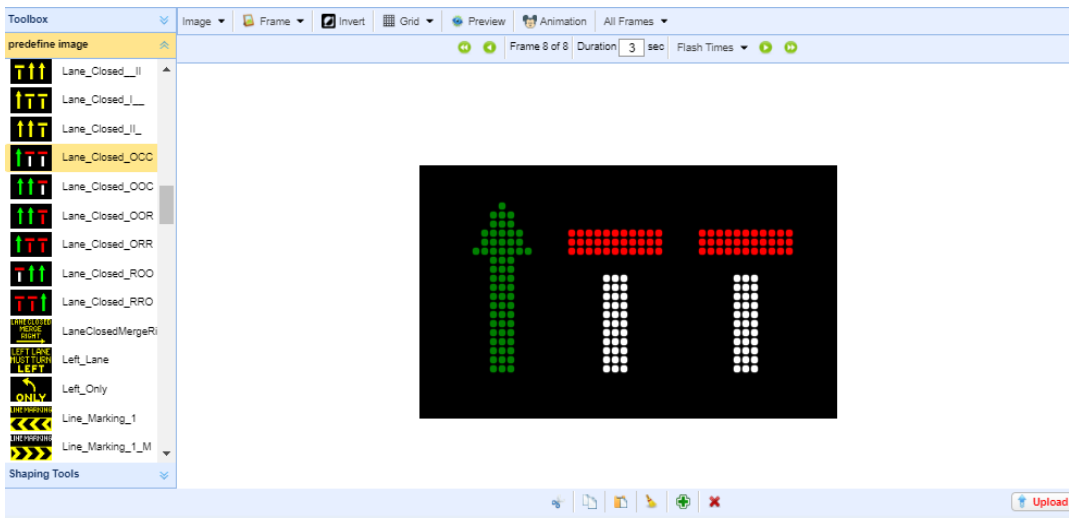
Page 1 of 1 items

7.3 HOW TO EDIT PREDEFINED IMAGES

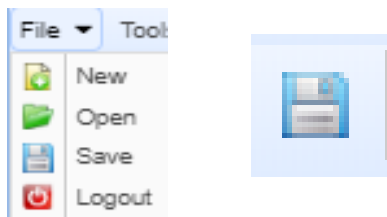
Go to Toolbox and Click on Predefined Images.



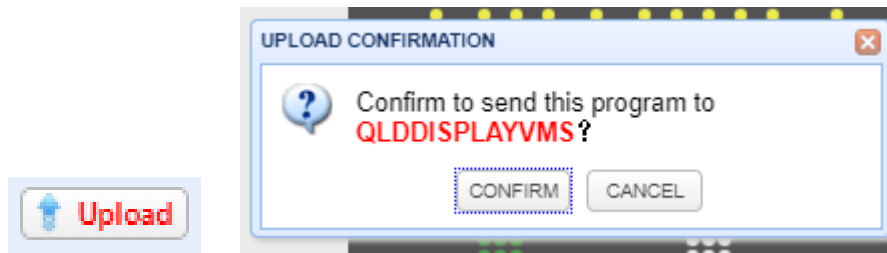
Select a predefined Image from the ones shown and it will appear in your paint window.



You can now go to File Menu and click Save or Click the Save icon button to save the Program.

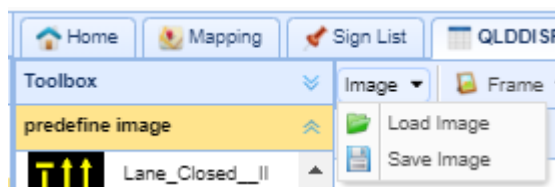


Then you need to Click the Upload button to send the image / program to the VMS board. A confirmation window will open asking you to confirm your selection. Click CONFIRM.

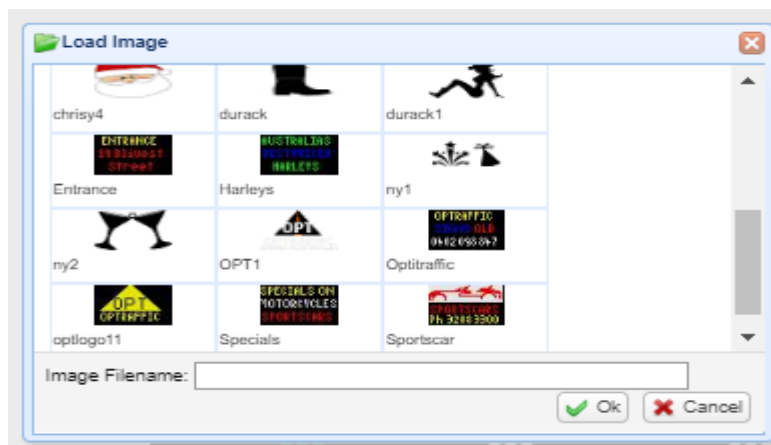


You can also open and edit any existing predefined images you have already saved.

Go to Image and click Load Image.



A window will appear where the predefined images are stored. Select the image you want and click OK. That image will now appear in the paint window.



Once you have finished editing that image you will then need to upload it to the VMS board by following the Upload Steps explained earlier above.

You can also create your own Predefined Image.

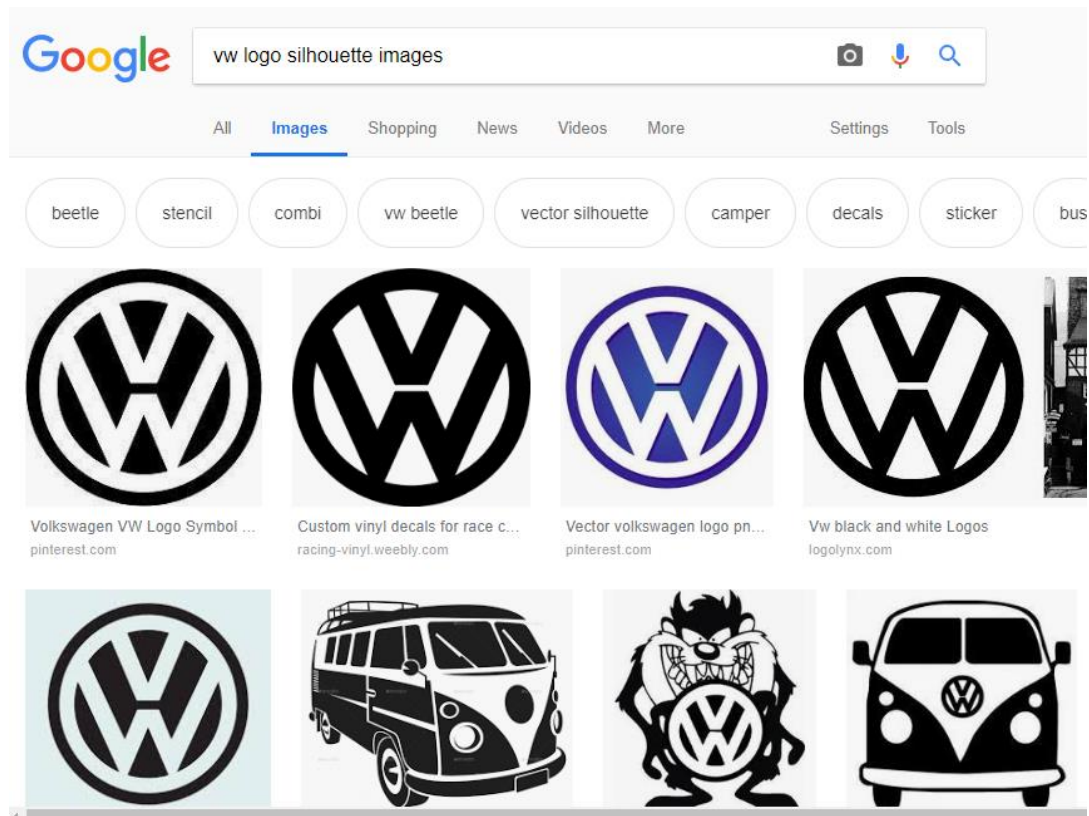
To do this you must keep in mind that the current 5 Colour VMS boards will ONLY ACCEPT **48 Pixels Across (Horizontal) and 28 Pixels Up/Down (Vertical).**

NOTE: It is likely that the resolution of the 5 colour VMS boards will get higher in the future and the Pixel limitation will get better. We will advise if and when this occurs.

If you create an image bigger than these sizes, the image will NOT display properly.

To create an image from scratch, you will need to find a **Silhouette** image, on the internet, similar to the one you are wanting to create. Also make sure to select a “Black” silhouette and not a “coloured” silhouette image. Because the VMS board is a 5 colour display only, you will be able to make your image any of those 5 colours after you have created it first, using a black silhouette image.

Open your Internet Browser and Google; VW logo Silhouette Images.



There will be many images displayed.

You will have to choose one that's BLACK and SIMPLE.

If you choose one that has too many details it will not display properly. So you are limited to choosing a simple one.

For example, if you choose this one...



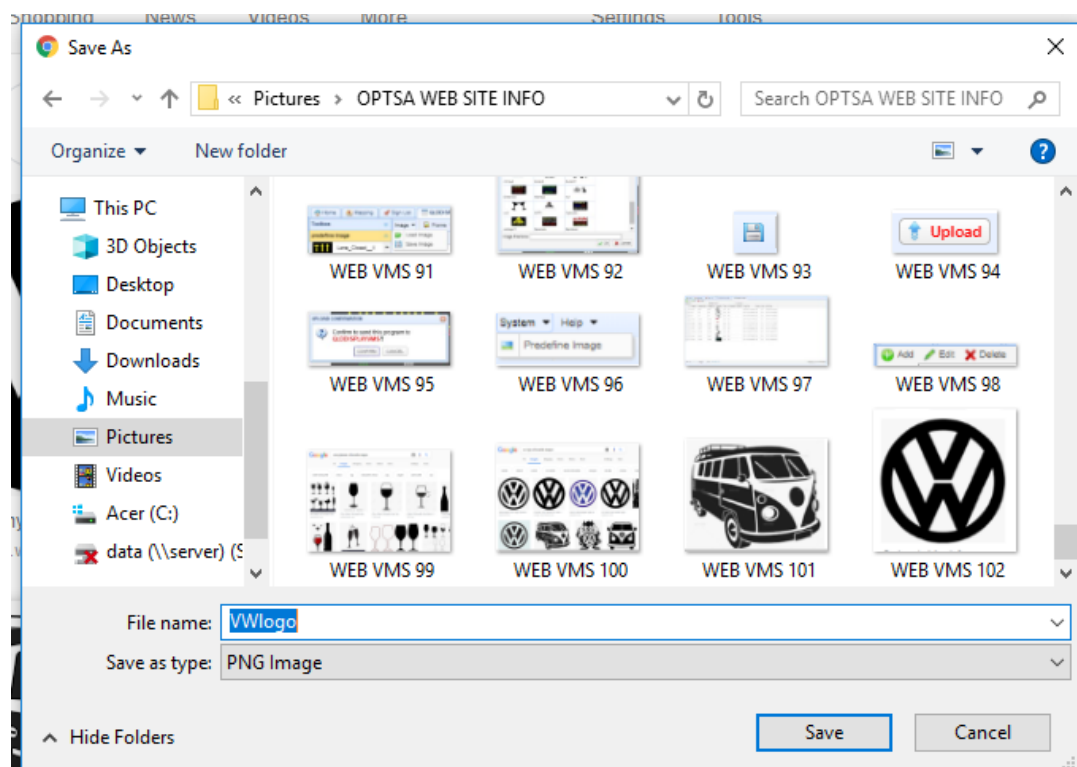
It will be very, very hard to display this image because of the 48 x 28 pixels limitation.

But if you choose this one below ...



This image will work just fine, because it's simple and doesn't have too many fine lines and details.

Now click your Right Mouse Button on the image you want in your browser window and select, Save Image As.

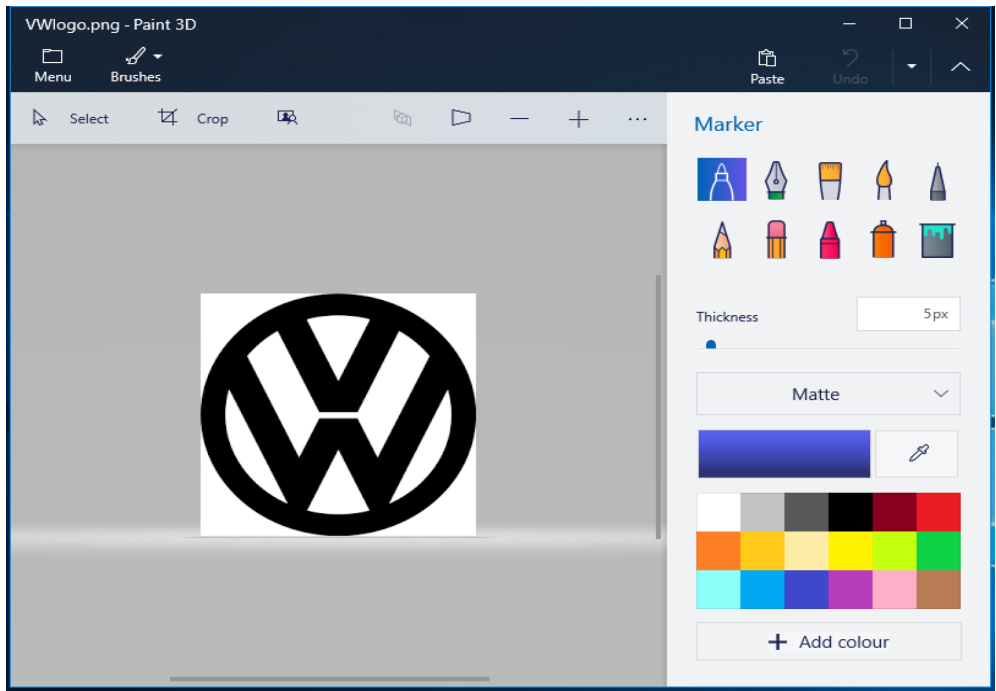


Navigate to a Folder on your computer where you want to save the image in, then give it a Filename and click Save.

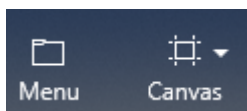
You will now need to first edit and Re-Size that image because it is 300 x 300 pixels (which is way too big, remember we must only have 48 x 28 pixels) and it is also probably a PNG File-Format but we must have it as a BMP File-Format to be able to display it on the VMS board.

Now Open your Windows Paint Program/Software/Application, which is a standard Microsoft application and you should have it on your computer already.

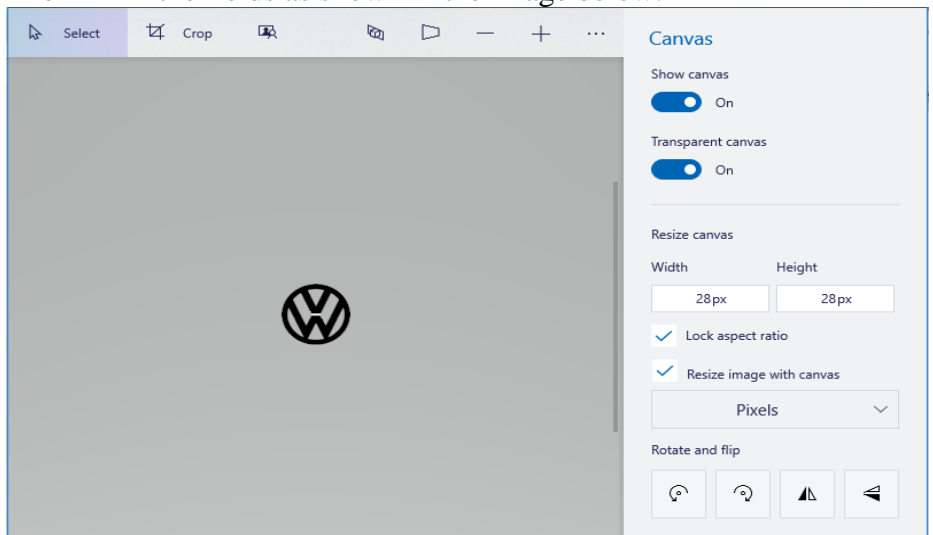
Once you have opened you Paint Software, navigate to the silhouette image you have saved earlier and click Open.



Then you will need to Re-Size the image to 28 x 28 pixels and Save it as a BMP file-format image. Click on Canvas icon.

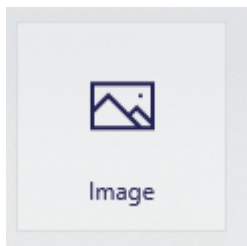
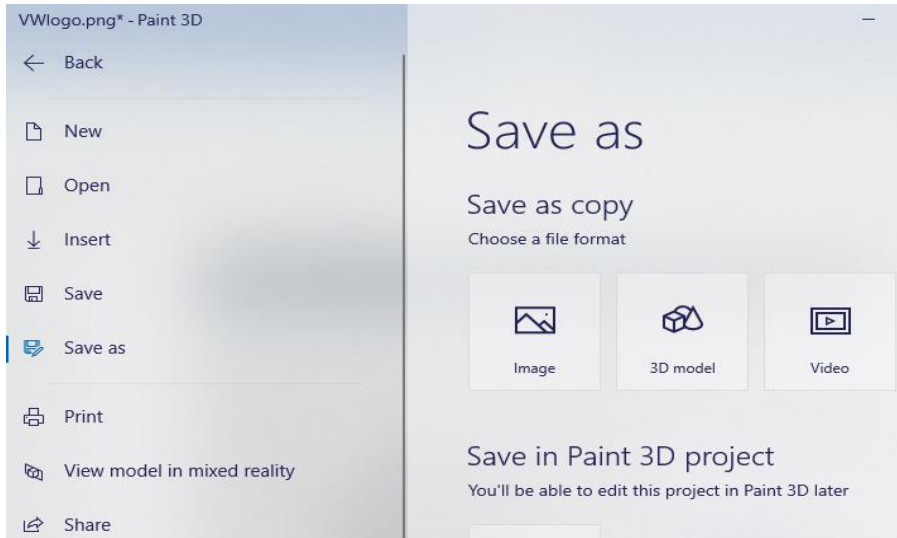


Then fill in the fields as shown in the image below.

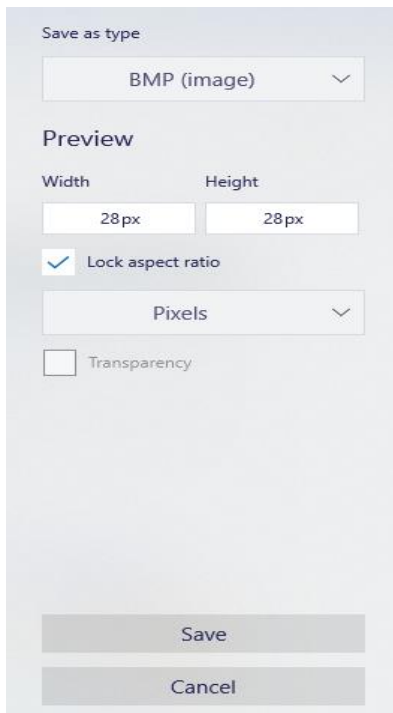




Now go to **Menu** and click on Save As and select Image

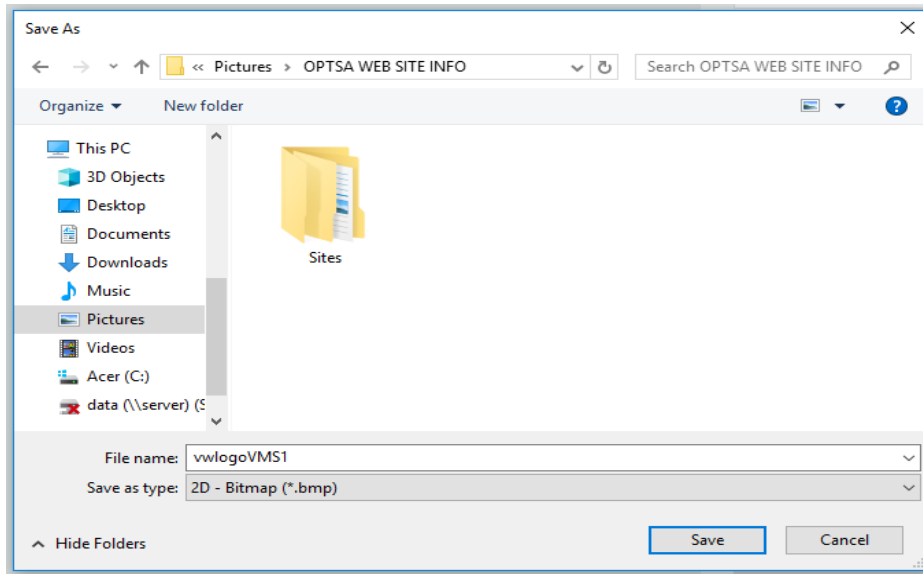


Then Save As Type BMP Images and fill in the fields, if they're not already filled in as shown in the image below.

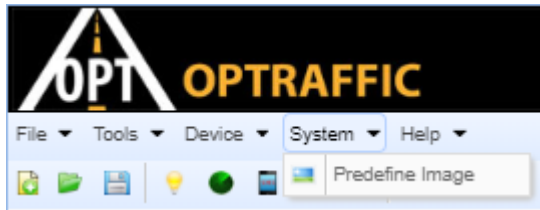


Click on Save.

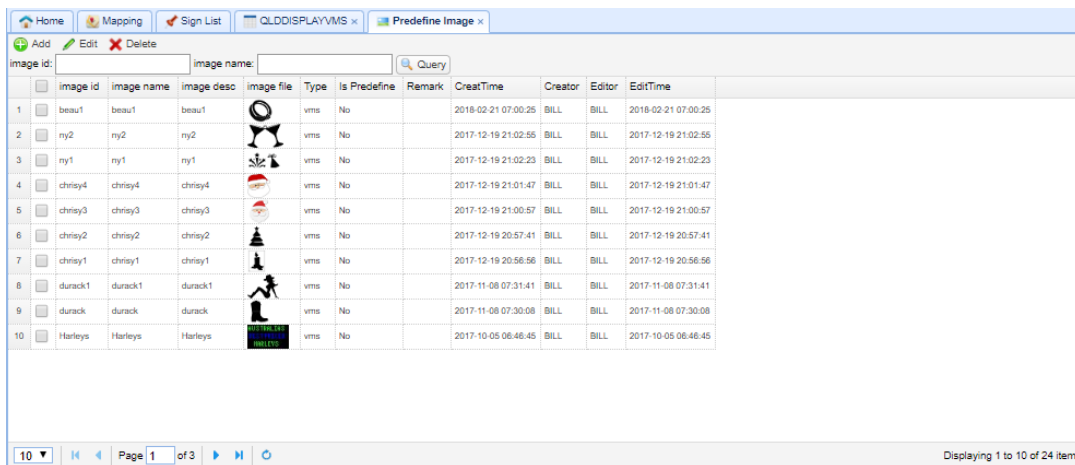
Then navigate to the Folder you want to save this new BMP image in and give it a Filename and click Save.



Then go back to the OPTRAFFIC WEB VMS SOFTWARE and go to SYSTEM on the main menu and click on **Predefined Image**.



A new window will open that will look similar to the one shown below.



Then Click on Add



A new window will open that looks similar to the one shown below.

Home Mapping Sign List QLDDISPLAYVMS x Predefine Image x

image id: vwlogovms1

image name: vwlogovms1

image desc: vwlogovms1

Type: VMS

image file: Choose file vwlogoVMS1.bmp

Remark:

Save Return

Type in exactly the same filename for each of the fields:

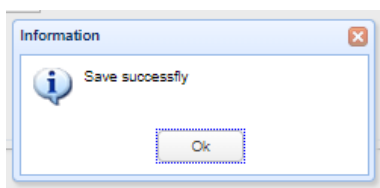
- Image id
- Image name
- Image desc

Type: should be VMS

Then Choose the File Navigate to where you saved the BMP image and select it.

Now click **Save**

An information window will display which says Save Successfully. Click OK.



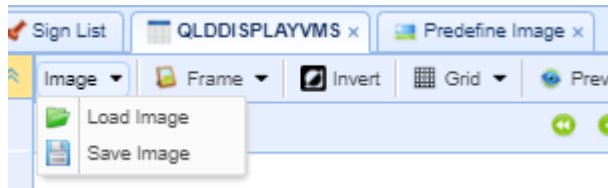
You will now see the Image appear in the Predefined Images window.

+ Add Edit Delete

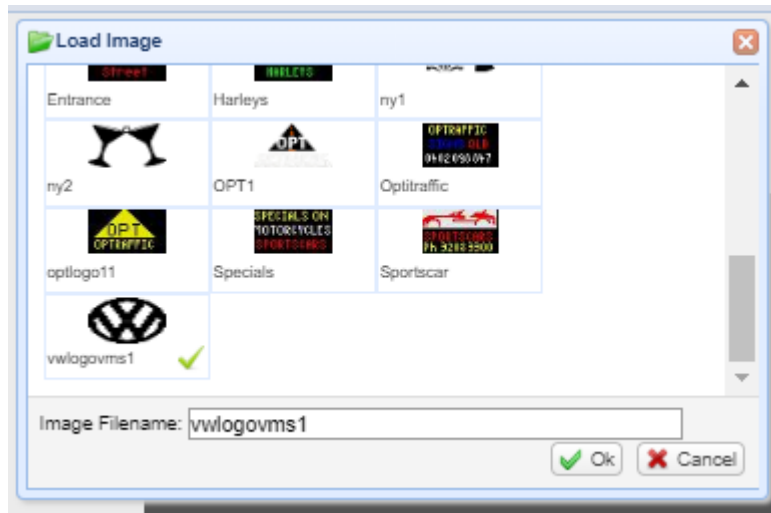
image id: image name: Query

	image id	image name	image desc	image file	Type	Is Predefine	Remark	CreatTime	Creator	Editor	EditTime
1	vwlogovms1	vwlogovms1	vwlogovms1		vms	No		2018-09-29 09:19:52	BILL	BILL	2018-09-29 09:19:52
2	beau1	beau1	beau1		vms	No		2018-02-21 07:00:25	BILL	BILL	2018-02-21 07:00:25
3	ny2	ny2	ny2		vms	No		2017-12-19 21:02:55	BILL	BILL	2017-12-19 21:02:55

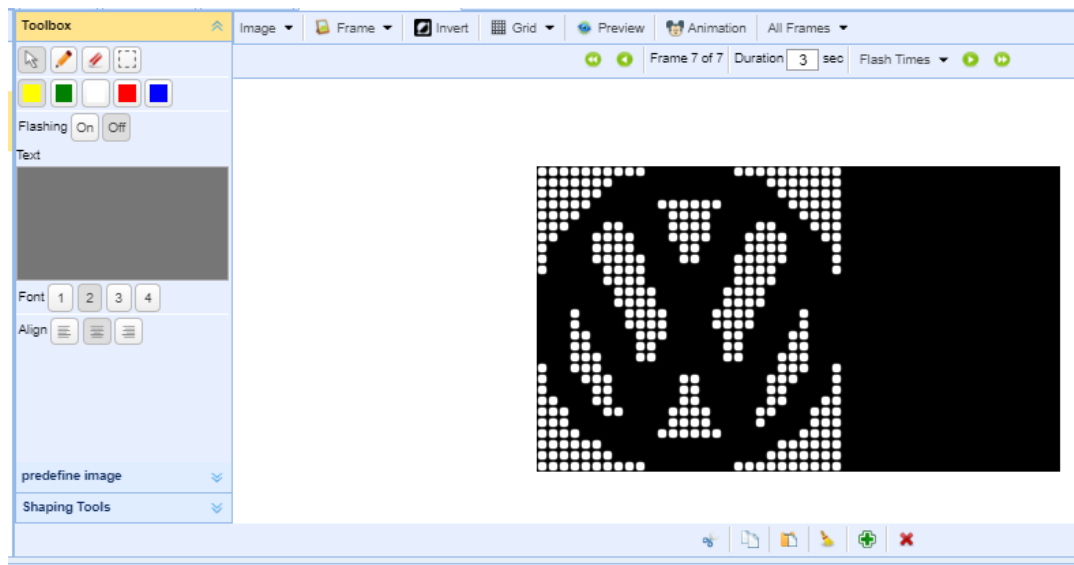
Go back to your VMS display paint window and click on Load Image



A new window will open. Then select your Image and click OK.



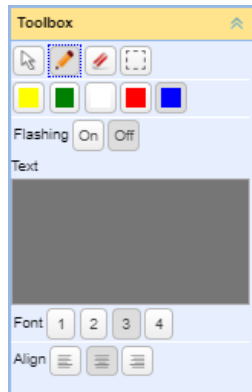
Your image will now display in the paint window as a frame.



The best way to learn how to edit the images and use the software is to have a go and play around with it.

Let's do that now and edit our logo with colour and text to change its appearance.

Go to the Toolbox.




Now select the BLUE  square box. Then select the PENCIL

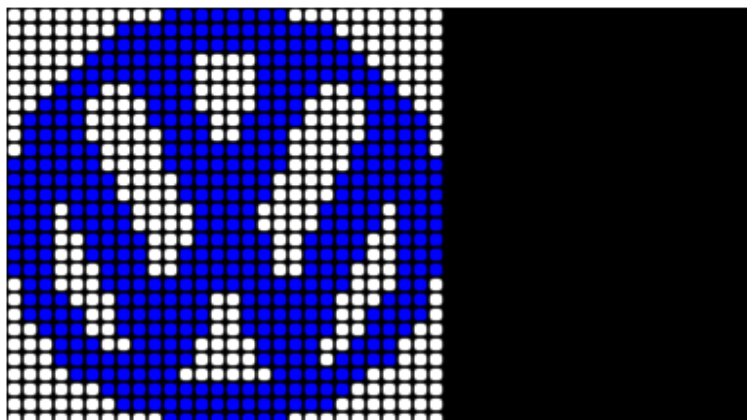


Now click on the Black pixels one by one to make them Blue.



If you make a mistake and overcolour any of the white pixels, just go back to the Square boxes  and select the White one, then click on the pixel that you made the mistake on and make it white again.

When you have finished with the BLUE it should look like this one below.





Now select the ERASER tool and erase all the White pixels around the outside of the VW logo.

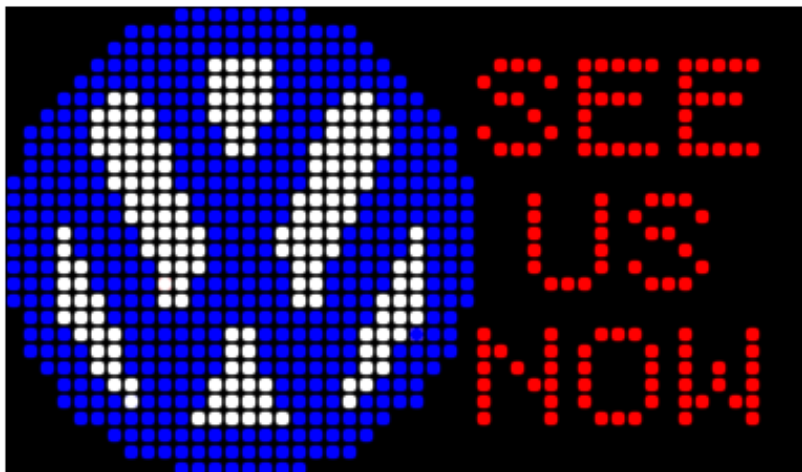
Then select the RED square and Type in the following text and hit the return button so that each word falls underneath each other:

SEE
US
NOW



Note: if the text size is too big...select the number 4 size and the text will become smaller. Also make sure you type in CAPS LOCK mode because small-caps text is harder to see from a distance when the VMS board is positioned on a Highway or Road environment.

Then place your cursor at the beginning of each word and hit the Space Bar on your keyboard to move the word to the right-hand side of the logo. When you have finished, the frame will look like this as shown below.



As we said earlier, the best way to learn how to edit the images and use the software is to have a go and play around with it.

THANK YOU FOR PURCHASING FROM

OPTSA

OPTRAFFIC SIGNS AUSTRALIA

OPTSA RELATED PRODUCTS



Variable Message Signs



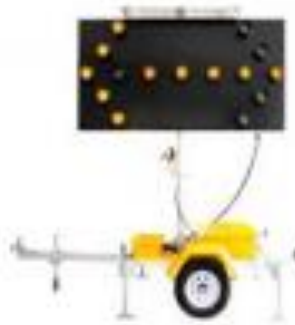
Truck Mounted VMS/DMS



LED Traffic Display



Full Color VMS Trailer



Arrow board Trailer



Vehicle Mounted Arrow Board



Solar Lighting Towers



Variable Speed Limit Signs



Road Signs



IF YOU HAVE ANY FURTHER REQUESTS, SUGGESTIONS OR ADVICE, PLEASE CONTACT OUR CUSTOMER SERVICE @ WWW.OPTSA.COM.AU Or email: sales@optsa.com.au

ANY OF YOUR ADVICE WILL BE WELCOMED AND MUCH APPRECIATED.

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Manual subject to change without notice