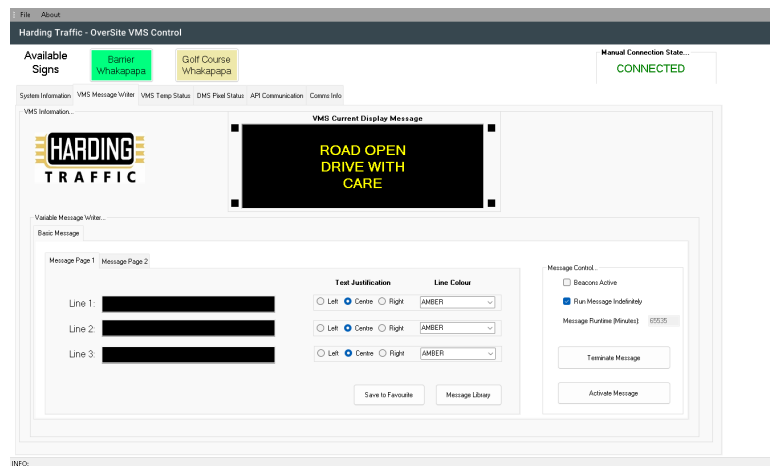




HTL OVERSITE VMS CONTROL CENTRE

Version : 1.0.0

User Manual



Index

Introduction	3
Detailed Instructions	3
1. Accessing the Controller Software	3
2. Launching the VMS Controller Application	4
3. Connecting to a VMS Sign	5
4. Sending a New Message (Free-Typed Text).....	5
5. Using the Stored Message Library	6
6. Stopping a Displayed Message	7
7. Saving a New Message to the Library	8
8. Deleting Messages from the Library	9
9. Managing Libraries for Multiple Signs	10
10. Logging Out	12

Introduction

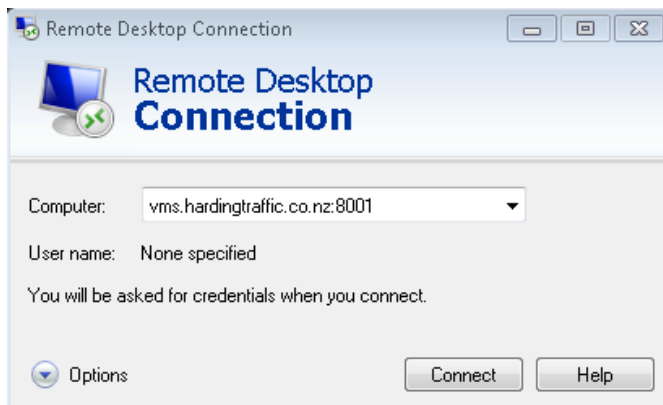
This manual provides step-by-step instructions for accessing and operating the OverSite VMS Sign Controller system. It is intended for users responsible for displaying, updating, and managing Variable Message Signs (VMS) via Harding Traffic's remote access platform. Whether you are activating a custom message, selecting a pre-saved alert, or managing multiple sign libraries, this guide will walk you through the entire process with clear and practical instructions.

Detailed Instructions

1. Accessing the Controller Software

- On your Windows computer, open the **Remote Desktop Connection** application. You can find this by typing "Remote Desktop Connection" into the Windows search bar.
- In the Remote Desktop Connection window, enter the following address in the "Computer" field:

`vms.hardingtraffic.co.nz:8001`



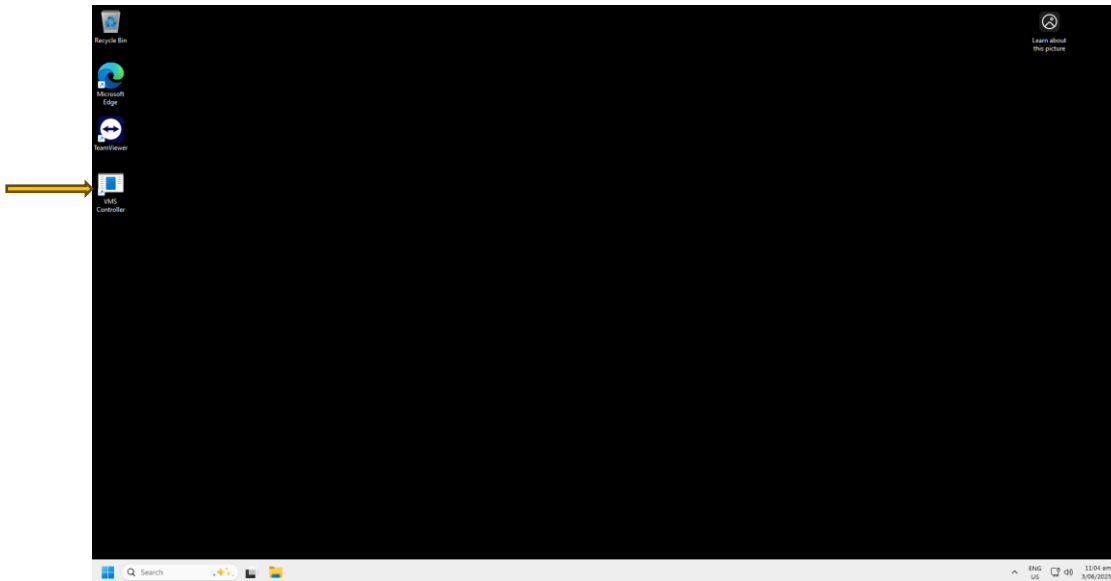
- Click the **"Connect"** button.
- When prompted, enter the **username and password** provided to your organisation. These credentials are necessary to access the control platform.



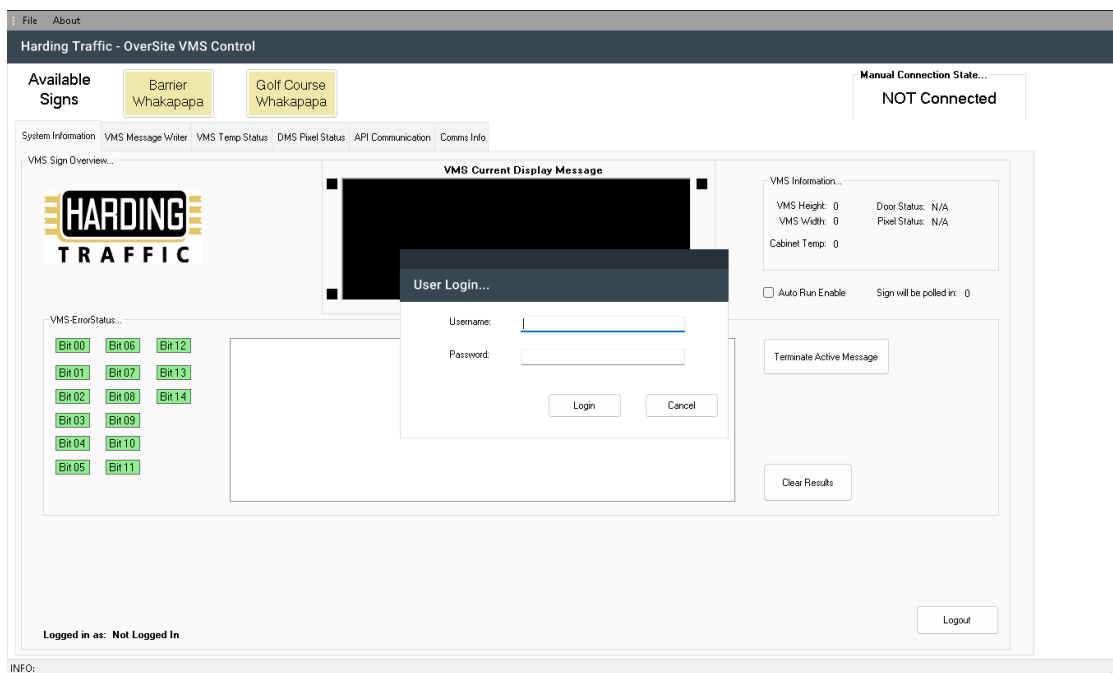
Important Note: Only one user can be connected at a time. If another user is currently connected, you will receive a prompt notifying you that continuing will log out the current user. Proceed only if you are sure it is appropriate to disconnect them.

2. Launching the VMS Controller Application

- After logging in, you will be presented with the main desktop screen of the remote machine.

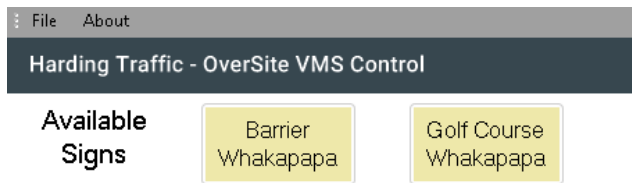


- Double-click the icon labelled "**VMS Controller App**" on the desktop.
- When the application opens, enter the same credentials (username and password) to log into the **VMS Controller software**.

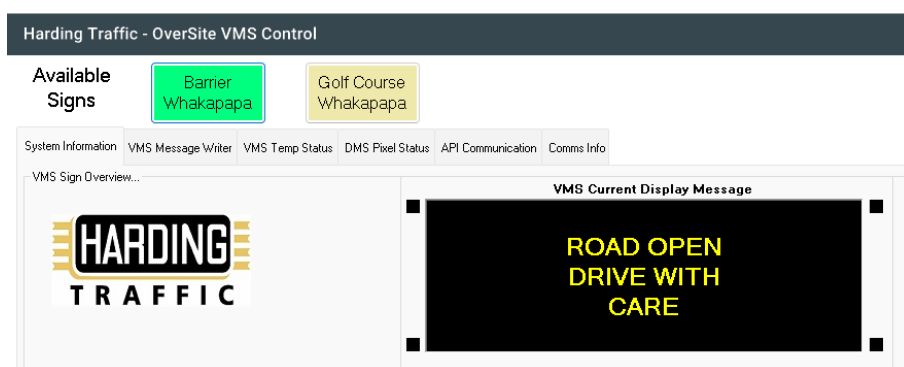


3. Connecting to a VMS Sign

- At the top of the VMS Controller application window, you will see buttons representing each available VMS sign.

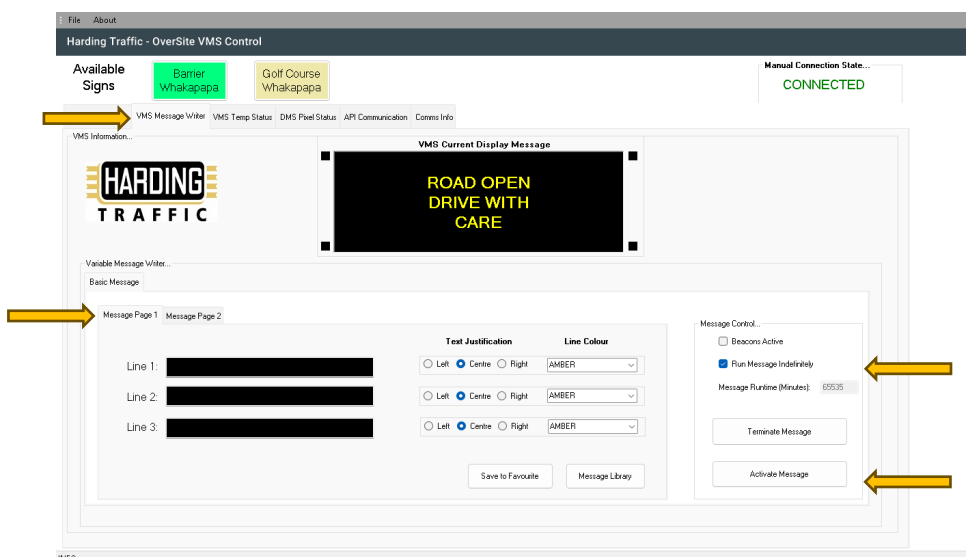


- Click on the button for the sign you wish to control.
- When connection is successful:
 - ✓ The sign button will turn **GREEN**.
 - ✓ The **"VMS Current Display Message"** panel will show the currently active message (if any).
 - ✓ The health status of the sign will also be displayed.



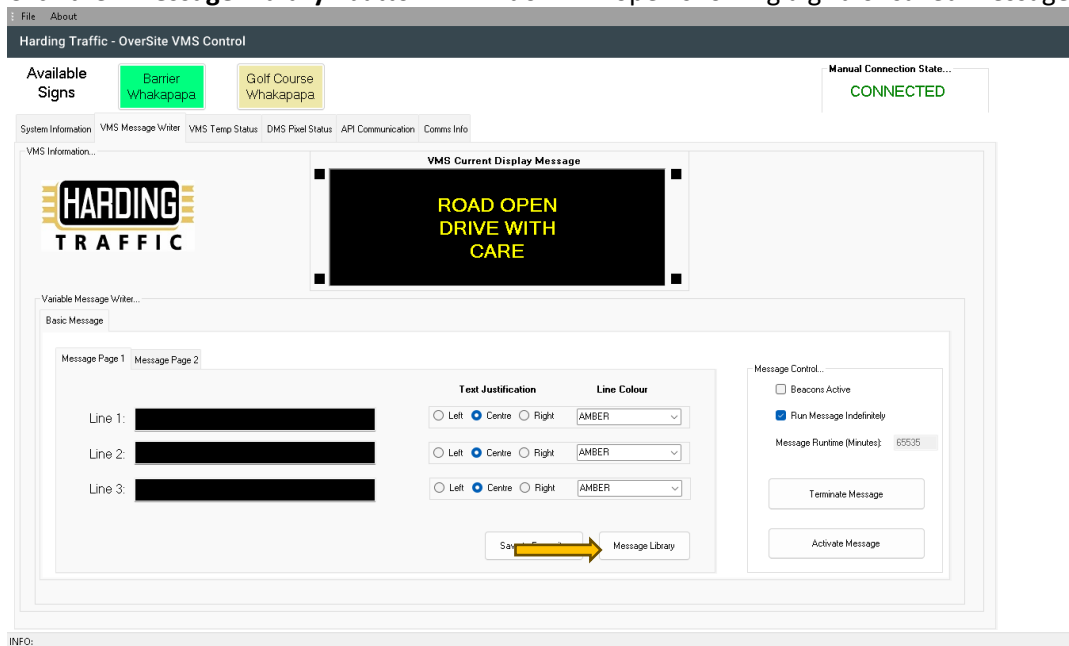
4. Sending a New Message (Free-Typed Text)

- Click the tab labelled **"VMS Message Writer"**.
- You will see input areas for **Message Page 1** and **Message Page 2**:
 - ✓ Type your message into these fields.
 - ✓ Use the controls to select **text alignment (justification)** and **text colour** for each line.
 - ✓ If your message fits on one page, you can leave Message Page 2 blank.
- If you want the message to stay on the sign indefinitely, check the box **"Run Message Indefinitely"**.
 - ✓ To display the message for a limited time, uncheck the box and enter the **duration** in the runtime field.
- Click the **"Activate Message"** button to display the message on the sign. The **VMS Current Display Message** panel will update to show the newly active message.

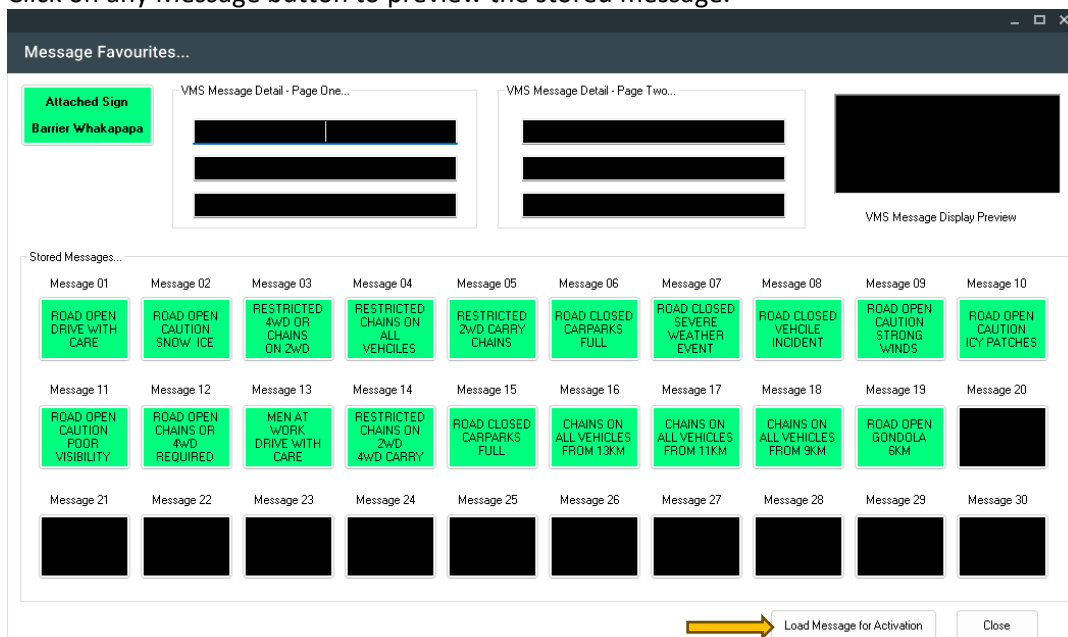


5. Using the Stored Message Library

- Click the **"Message Library"** button. A window will open showing a grid of saved message buttons.



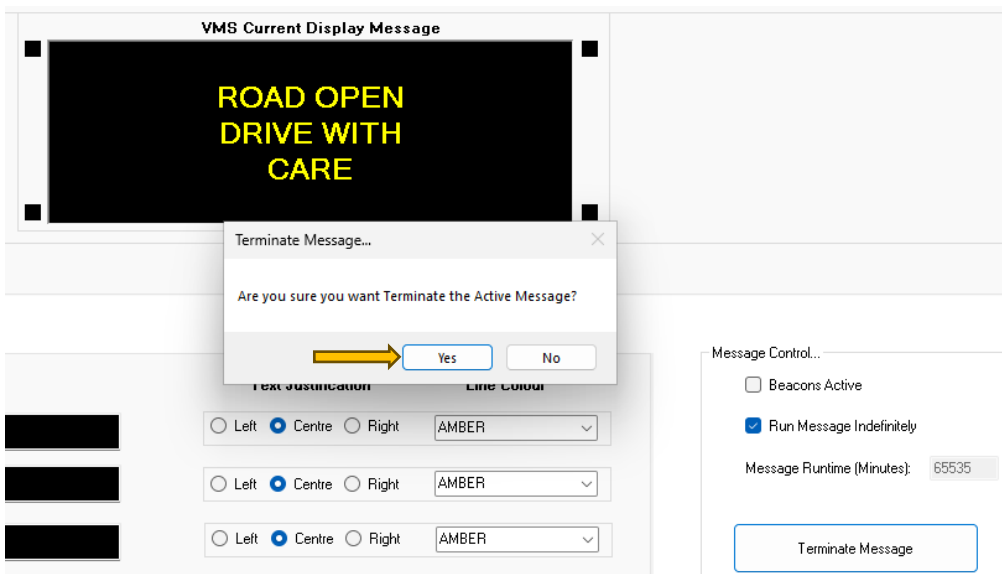
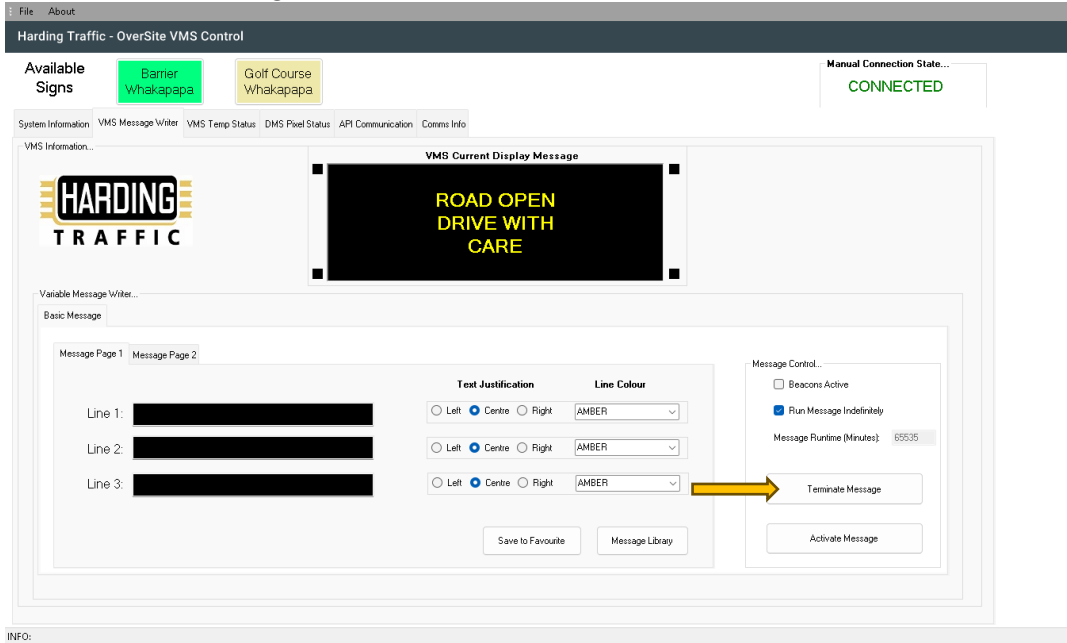
- Click on any Message button to preview the stored message.



- To use this message, click the **"Load Message for Activation"** button. This will close the library window and load the message into the message writer screen.
- Click **"Activate Message"** to display it on the sign.

6. Stopping a Displayed Message

- Connect to the desired sign (see section 3). Once the button turns GREEN, confirm the active message is showing in the display panel.
- Click the **"Terminate Message"** button.
- A warning message will appear. Click **"Yes"** to confirm. The sign will go blank and stop displaying the current message.



7. Saving a New Message to the Library

- Enter your new message into the **Message Page 1/2** fields.

Variable Message Writer...

Basic Message

Message Page 1 Message Page 2

Line 1: NEW

Line 2: MESSAGE

Line 3: TO SAVE

Text Justification: Left Centre Right

Line Colour: AMBER

Save to Favourite Message Library

Message Control...

☐ Beacons Active

☒ Run Message Indefinitely

Message Runtime (Minutes): 65535

Terminate Message

Activate Message

- Click the **"Save to Favourite"** button. This will open the message library.
- All available save slots will appear **teal**. Choose a slot by clicking on a button:
 - ✓ If the slot is already occupied, a confirmation prompt will appear.
 - ✓ Click **OK** to overwrite the existing message, or **Cancel** to return.

Message Favourites...

Attached Sign
Barrier Whakapapa

VMS Message Detail - Page One...

NEW
MESSAGE
TO SAVE

VMS Message Detail - Page Two...

NEW
MESSAGE
TO SAVE

VMS Message Display Preview

Stored Messages...

Message 01: ROAD OPEN DRIVE WITH CARE

Message 02: ROAD OPEN CAUTION SNOW ICE

Message 03: RESTRICTED 4WD OR CHAINS ON 2WD

Message 04: RESTRICTED CHAINS ON ALL VEHICLES

Message 05: ROAD CLOSED VEHICLE INCIDENT

Message 06: ROAD OPEN CAUTION STRONG WINDS

Message 07: ROAD OPEN CAUTION ICY PATCHES

Message 08: ROAD OPEN CAUTION POOR VISIBILITY

Message 09: ROAD OPEN CHAINS OR 4WD REQUIRED

Message 10: MEN AT WORK DRIVE WITH CARE

Message 11: RESTRICTED CHAINS ON 2WD 4WD CARRY

Message 12: ROAD CLOSED CARPARKS FULL

Message 13: CHAINS ON ALL VEHICLES FROM 13KM

Message 14: CHAINS ON ALL VEHICLES FROM 11KM

Message 15: CHAINS ON ALL VEHICLES FROM 9KM

Message 16: ROAD OPEN GONDOLA 6KM

Message 17: 20

Message 18: 21

Message 19: 22

Message 20: 23

Message 21: 24

Message 22: 25

Message 23: 26

Message 24: 27

Message 25: 28

Message 26: 29

Message 27: 30

Cancel Save

Load Message for Activation

Close

Message Save...

This action will overwrite any existing saved message

OK Cancel

- Messages saved to the library are **specific to the sign** you are connected to.

Attached Sign

Barrier Whakapapa

VMS Message Detail - Page One...

NEW

MESSAGE

TO SAVE

VMS Message Detail - Page Two...

NEW MESSAGE TO SAVE

VMS Message Display Preview

Stored Messages...

Message 01 ROAD OPEN DRIVE WITH CARE	Message 02 ROAD OPEN CAUTION SNOW ICE	Message 03 RESTRICTED 4WD OR CHAINS ON 2WD	Message 04 RESTRICTED CHAINS ON ALL VEHICLES	Message 05 RESTRICTED 2WD CARRY CHAINS	Message 06 ROAD CLOSED CARPARKS FULL	Message 07 ROAD CLOSED SEVERE WEATHER EVENT	Message 08 ROAD CLOSED VEHICLE INCIDENT	Message 09 ROAD OPEN CAUTION STRONG WINDS	Message 10 ROAD OPEN CAUTION ICY PATCHES
Message 11 ROAD OPEN CAUTION POOR VISIBILITY	Message 12 ROAD OPEN CHAINS OR 4WD REQUIRED	Message 13 MEN AT WORK DRIVE WITH CARE	Message 14 RESTRICTED CHAINS ON 2WD 4WD CARRY	Message 15 ROAD CLOSED CARPARKS FULL	Message 16 CHAINS ON ALL VEHICLES FROM 13KM	Message 17 CHAINS ON ALL VEHICLES FROM 11KM	Message 18 CHAINS ON ALL VEHICLES FROM 9KM	Message 19 ROAD OPEN GONDOLA 6KM	Message 20 20
Message 21 21	Message 22	Message 23	Message 24	Message 25	Message 26	Message 27	Message 28	Message 29	Message 30

Cancel Save

Load Message for Activation

Close

8. Deleting Messages from the Library

- Connect to the desired sign and open the **Message Library**.
- Right-click the button of the message you want to delete.
- Select **"Delete Item"**. The message will be permanently removed.

Attached Sign

Barrier Whakapapa

VMS Message Detail - Page One...

NEW

MESSAGE

TO SAVE

VMS Message Detail - Page Two...

NEW MESSAGE TO SAVE

VMS Message Display Preview

Stored Messages...

Message 01 ROAD OPEN DRIVE WITH CARE	Message 02 ROAD OPEN CAUTION SNOW ICE	Message 03 RESTRICTED 4WD OR CHAINS ON 2WD	Message 04 RESTRICTED CHAINS ON ALL VEHICLES	Message 05 RESTRICTED 2WD CARRY CHAINS	Message 06 ROAD CLOSED CARPARKS FULL	Message 07 ROAD CLOSED SEVERE WEATHER EVENT	Message 08 ROAD CLOSED VEHICLE INCIDENT	Message 09 ROAD OPEN CAUTION STRONG WINDS	Message 10 ROAD OPEN CAUTION ICY PATCHES
Message 11 ROAD OPEN CAUTION POOR VISIBILITY	Message 12 ROAD OPEN CHAINS OR 4WD REQUIRED	Message 13 MEN AT WORK DRIVE WITH CARE	Message 14 RESTRICTED CHAINS ON 2WD 4WD CARRY	Message 15 ROAD CLOSED CARPARKS FULL	Message 16 CHAINS ON ALL VEHICLES FROM 13KM	Message 17 CHAINS ON ALL VEHICLES FROM 11KM	Message 18 CHAINS ON ALL VEHICLES FROM 9KM	Message 19 ROAD OPEN GONDOLA 6KM	Message 20
Message 21	Message 22	Message 23	Message 24	Message 25	Message 26	Message 27	Message 28	Message 29	Message 30

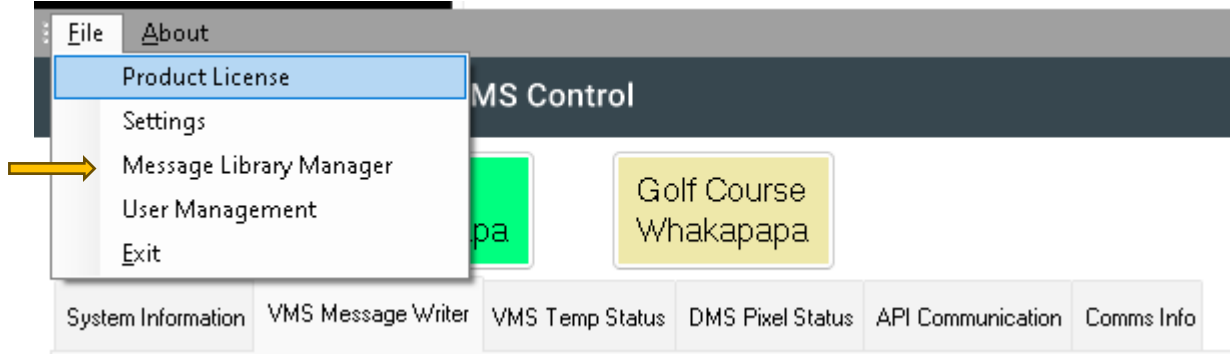
Load Message for Activation

Close

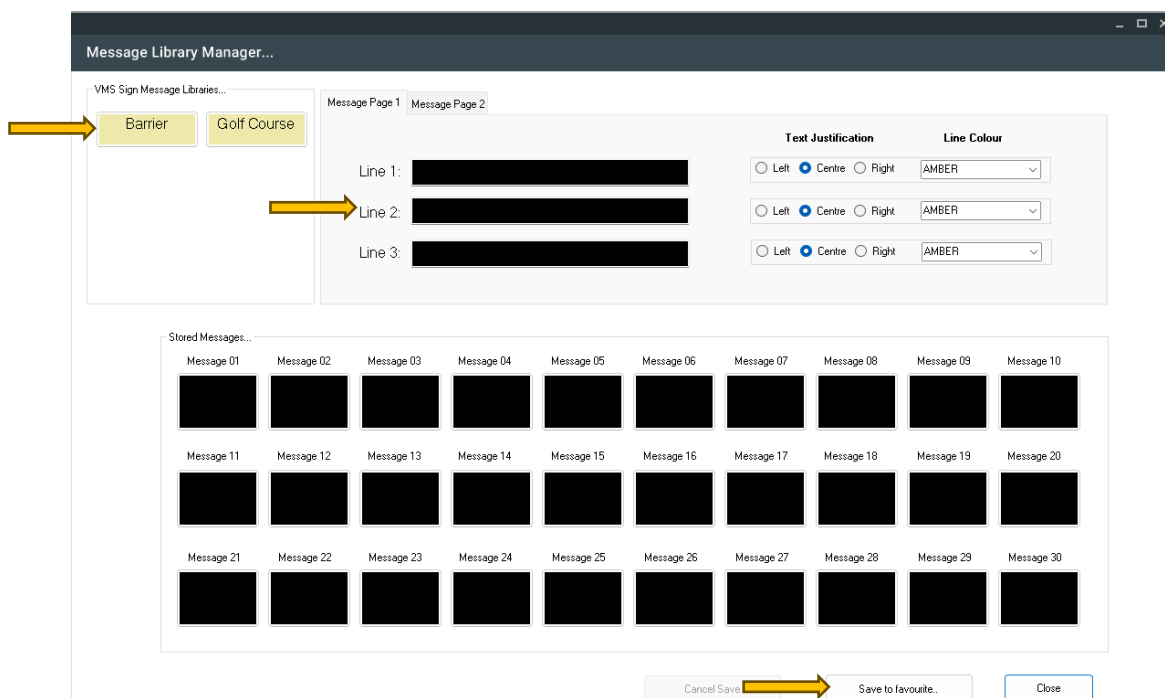
Warning: Deleted messages cannot be recovered.

9. Managing Libraries for Multiple Signs

- Click **"File"** from the top menu, then select **"Message Library Manager"**.



- In the Library Manager window, select a configured sign from the buttons in the top-left corner. When selected, the button will turn GREEN.



- You can now:
 - ✓ View the message library for that sign.
 - ✓ Create a new message in the **Message Page 1/2** fields.
 - ✓ Save it to the library using **"Save to Favourite"**.
- You can switch between sign libraries using the sign buttons at any time.

Message Library Manager...

VMS Sign Message Libraries...

Barrier

Golf Course

Message Page 1

Message Page 2

Line 1: **NEW**

Line 2: **MESSAGE**

Line 3: **TO ADD**

Text Justification

Line Colour

☐ Left
 ☒ Centre
 ☐ Right
 Line Colour: **AMBER**

☐ Left
 ☒ Centre
 ☐ Right
 Line Colour: **AMBER**

☐ Left
 ☒ Centre
 ☐ Right
 Line Colour: **AMBER**

Stored Messages...

Message 01 ROAD OPEN DRIVE WITH CAUTION	Message 02 ROAD OPEN CAUTION SNOW ICE	Message 03 RESTRICTED 4WD OR CHAINS ON 2WD	Message 04 RESTRICTED CHAINS ON ALL VEHICLES	Message 05 RESTRICTED 2WD CARRY CHAINS	Message 06 ROAD CLOSED CARPARKS FULL	Message 07 ROAD CLOSED SEVERE WEATHER EVENT	Message 08 ROAD CLOSED VEHICLE INCIDENT	Message 09 ROAD OPEN CAUTION STRONG WINDS	Message 10 ROAD OPEN CAUTION ICY PATCHES
Message 11 ROAD OPEN CAUTION POOR VISIBILITY	Message 12 ROAD OPEN CHAINS OR 4WD REQUIRED	Message 13 MEN AT WORK DRIVE WITH CAUTION	Message 14 RESTRICTED CHAINS ON 2WD 4WD CARRY	Message 15 ROAD CLOSED CARPARKS FULL	Message 16 CHAINS ON ALL VEHICLES FROM 13KM	Message 17 CHAINS ON ALL VEHICLES FROM 11KM	Message 18 CHAINS ON ALL VEHICLES FROM 9KM	Message 19 ROAD OPEN GONDOLA 6KM	Message 20 20
Message 21 21	Message 22 22	Message 23 23	Message 24 24	Message 25 25	Message 26 26	Message 27 27	Message 28 28	Message 29 29	Message 30 30

Cancel Save

Save to favourite..

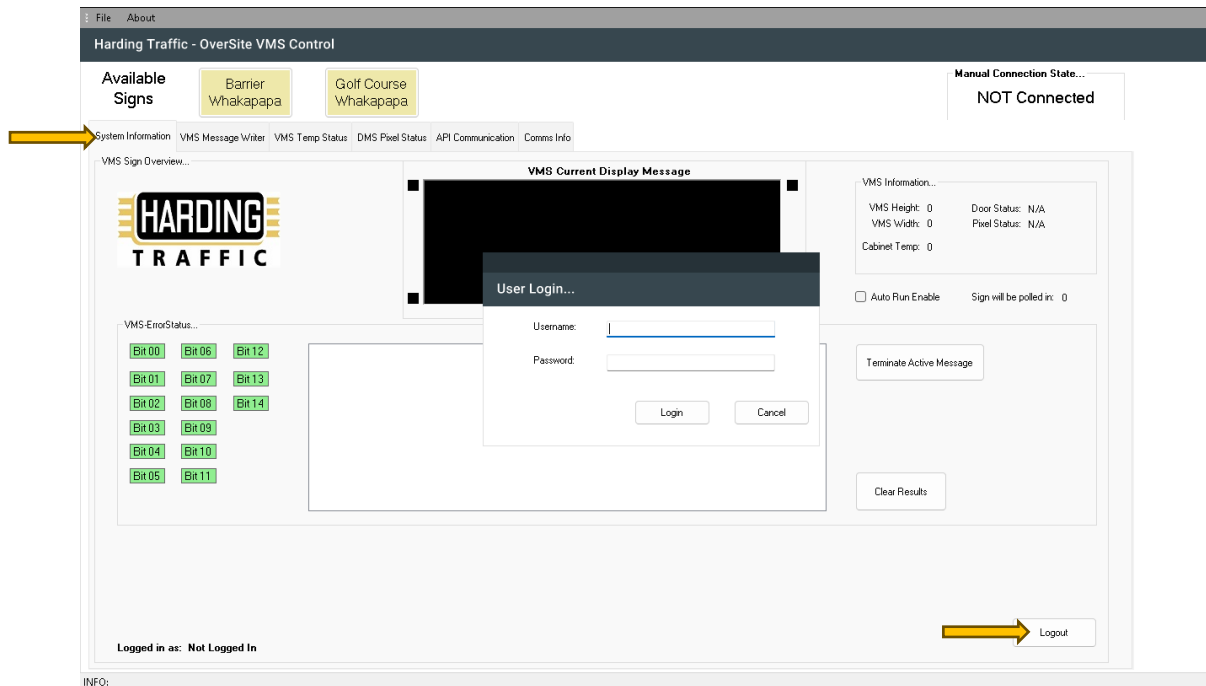
Close

10. Logging Out



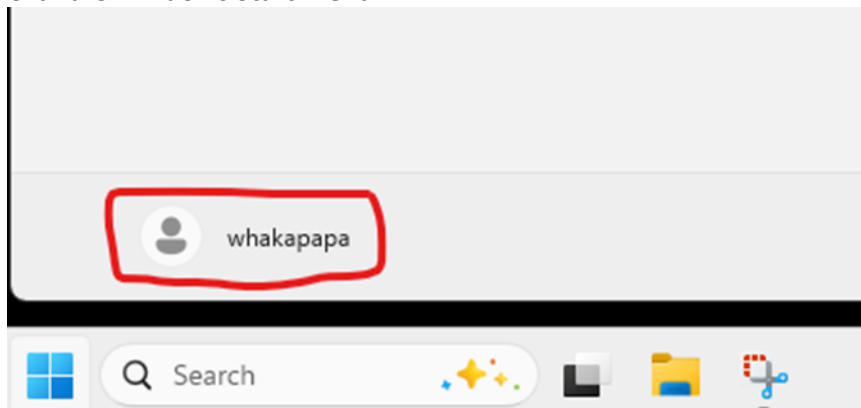
Within the VMS Controller, click the "**System Information**" tab.

Click the "**Logout**" button. When prompted, click **Cancel**, then select "**Yes**" to close the application.



To log out of the remote desktop:

- Click the **Windows Start Menu**.



- Click your **username**.
- Select "**Sign Out**".

