Gallagher Command Centre

Nedap ANPR Lumo 9.00

(Supports Command Centre 8.50 or later Command Centre release)

Release Note

Copyright © Gallagher Group Limited

Disclaimer

This document gives certain information about products and/or services provided by Gallagher Group Limited or its related companies (referred to as "Gallagher Group").

The information is indicative only and is subject to change without notice meaning it may be out of date at any given time. Although every commercially reasonable effort has been taken to ensure the quality and accuracy of the information, Gallagher Group makes no representation as to its accuracy or completeness and it should not be relied on as such. To the extent permitted by law, all express or implied, or other representations or warranties in relation to the information are expressly excluded.

Neither Gallagher Group nor any of its directors, employees or other representatives shall be responsible for any loss that you may incur, either directly or indirectly, arising from any use or decisions based on the information provided.

Except where stated otherwise, the information is subject to copyright owned by Gallagher Group and you may not sell it without permission. Gallagher Group is the owner of all trademarks reproduced in this information. All trademarks which are not the property of Gallagher Group, are acknowledged.

Copyright © Gallagher Group Ltd 2025. All rights reserved.

Copyright Notice

The software contains proprietary information of Gallagher Group Limited; it is provided under a license agreement containing restrictions on use and disclosure and is also protected by copyright law. Reverse engineering of the software is prohibited.

Due to continued product development this information may change without notice. The information and intellectual property contained herein is confidential between Gallagher Group Limited and the client and remains the exclusive property of Gallagher Group Limited. If you find any problems in the documentation, please report them to us in writing. Gallagher Group Limited does not warrant that this document is error-free.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission of Gallagher Group Limited.

Contents

1 Introduction 4
2 Installation 6
3 Configuration 8
4 Upgrading 11
5 Uninstallation 12
Appendix A: Nedap ANPR Lumo camera configuration 13

Copyright © Gallagher Group Limited

1 Introduction

About this release note

This release note is for the 'Nedap ANPR Lumo' feature of Gallagher Command Centre.

1.1 Purpose

About this feature

The 'Nedap ANPR Lumo' feature enhances the experience for Command Centre operators on sites using Nedap ANPR Lumo cameras (vehicle identification readers). With this feature installed, operators can enter a vehicle's licence plate directly as a text format card number.

When the Nedap ANPR Lumo licence plate reader sends a licence plate reading to the Gallagher Controller, the licence plate number is compared against card numbers to make an access decision.

Nedap Reader support

Note that this feature is separate from the core Command Centre Nedap Reader support, which requires converting plate numbers to decimal before assigning them as card numbers and assigning a Universal Card Format to the Controller. This feature has been developed specifically to support Nedap ANPR Lumo cameras, and does *not* require a Universal Card Format to be configured.

1.2 Compatibility

Support for this feature

This feature supports and has been tested with the following:

Supported existing software	• Using Gallagher Controller 6000s:
	  • vEL8.50.1414 (or later Command Centre release)
	  • vCR8.50.210412c (or later Controller release)
	• Using Gallagher Controller 7000 Single Doors:
	  • vEL8.70.2185 (or later Command Centre release)
	  • vCR8.70.230613a (or later Controller release)
	• Using Gallagher Controller 7000s:
	  • vEL9.00.2848 (or later Command Centre release)
	  • vCR9.00.250213b (or later Controller release)

Tested Nedap hardware	Nedap ANPR Lumo licence plate camera.
Tested Nedap firmware	Gallagher tested this feature with Nedap ANPR Lumo firmware version 4.6.1.

Copyright © Gallagher Group Limited

Multi-server support	This feature has *not* been tested in a Command Centre multi-server environment.
Other customisations	This feature cannot be used in conjunction with any other Controller customisation on the same Controller.

1.3 Security consideration

Wiegand's low security	Due to the low security of the Wiegand communication interface, Gallagher cannot ensure the security or integrity of licence plate data sent between Nedap Readers, Controllers, and Command Centre. This feature is considered low security and should only be used in security level 1 areas (public access areas - for more information, refer to the document *"Gallagher's guide to physical security levels"* located in the Gallagher installation media).

Copyright © Gallagher Group Limited

2 Installation

In this section

To install this feature, perform the following procedures:

2.1 Creating the Controller Customisation item
2.2 Installing the Controller Customisation

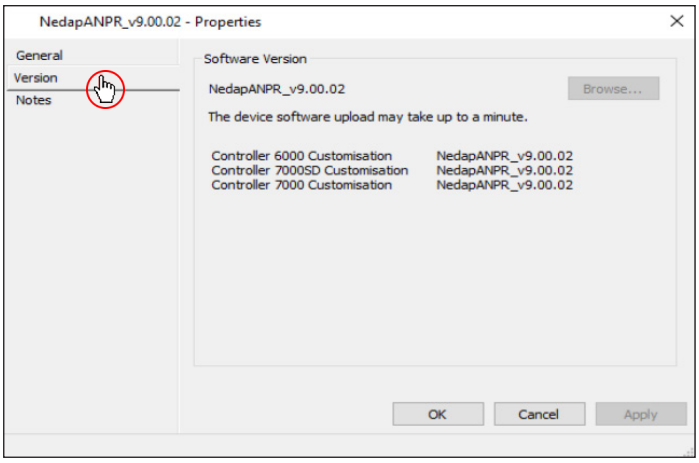
Upgrading from a previous version

If you have already installed a previous version of this feature, uninstall it before installing this new version. Refer to section 4 *"Upgrading"*.

2.1 Creating the Controller Customisation item

Procedure

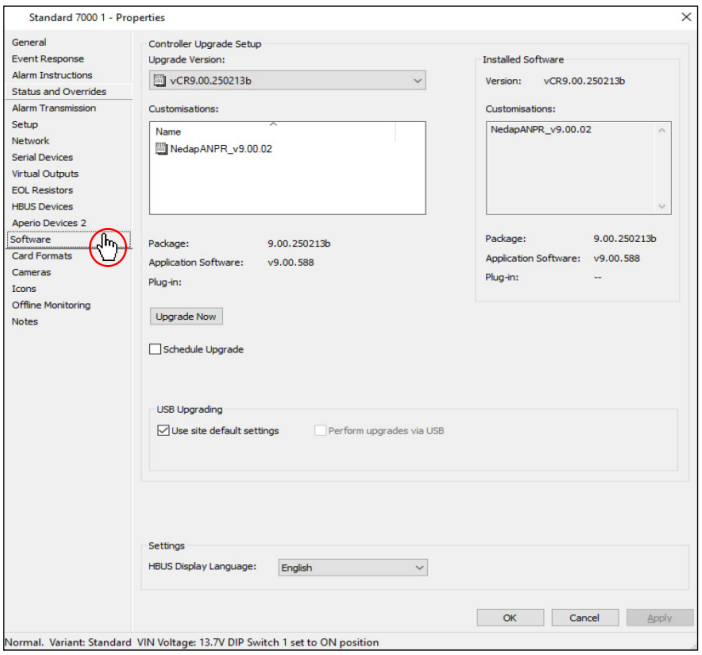
To create the Controller Customisation item for this feature, perform the following procedure:

Step	Action	Description
1	**Open the Device Software window**	From the Configuration Client menu bar, click **Configure** > **Device Software**. The Device Software list window displays.
2	**Create a Controller Customisation**	Right-click and select **New...** > **Controller Customisation**. The **General** tab displays.
3	**General details**	Enter a **Description** and select the **Division**.
4	**Click the Version tab**	
5	**Browse to file**	Click the **Browse...** button and navigate to the Device Software file 'NedapANPR_v9.00.0x', located in the customisation folder you have been provided.
6	**Open the file**	Select the file and click the **Open** button. The selected software displays in the Software Version field.
7	**Click OK**	Click **OK** to close and save your changes.

Copyright © Gallagher Group Limited

2.2 Installing the Controller Customisation

Procedure To install the customisation on your Gallagher Controllers, perform the following procedure:

Step	Action	Description
1	**Open the Device Software window**	Open the Device Software list window (via **Configure** > **Device Software** from the Configuration Client menu bar).
2	**Open Controller properties**	Open the properties of each Controller that is connected to a Nedap ANPR Lumo licence plate reader.
3	**Click the Software tab**	
4	**Add Controller Customisation item**	Drag (or copy and paste) the Controller Customisation item 'NedapANPR_v9.00.0x' from the Device Software list window to the **Customisations** grid on the Controller's **Software** tab.
5	**Click Apply**	Click **Apply**, then **Upgrade Now**. The Controller will download the customisation, then restart. When the Controller has restarted, the **Software** tab will show the customisation object 'NedapANPR_v9.00.0x' in the 'Installed Software' column.

Copyright © Gallagher Group Limited

3 Configuration

In this section

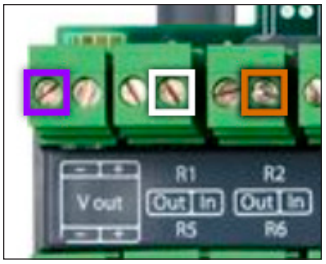
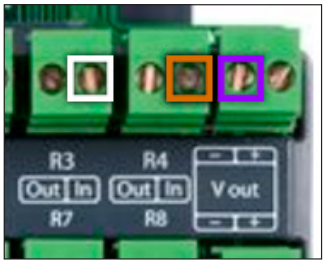
Perform *one* of the following procedures depending on your situation:

3.1 First-time configuration
3.2 Modifying existing configuration

3.1 First-time configuration

Procedure

If you do not have any licence plate cards configured already, perform the following procedure to set up your Nedap ANPR Lumo cameras and create licence plate cards:

Step	Action	Description
1	**Ensure 'WIEGAND64' 'READ' is enabled**	Ensure you have accessed your Nedap ANPR Lumo cameras in a web browser and enabled the 'WIEGAND64' 'READ' action and set the appropriate classifier. Refer to Appendix A *"Nedap ANPR Lumo camera configuration"* for help.
2	**Connect Nedap ANPR Lumo cameras to Controllers**	Connect your Nedap ANPR Lumo cameras to Controllers. A Nedap Reader is connected to a Gallagher Controller as a Wiegand Reader as follows: **Wire the Nedap ANPR Lumo... / to the Controller 8R/4R Module...** White wire (Wiegand Data - 0) / R1-in or R3-in Brown wire (Wiegand Data - 1) / R2-in or R4-in Purple wire (Wiegand GND) / V out - For example:  Or, 
3	**Configure a Third Party Reader for each camera**	In Gallagher Configuration Client, configure a Third Party Reader for each Nedap ANPR Lumo camera. Refer to the topic *"Creating Readers"* in the Gallagher Configuration Client Help.
4	**Open Controller's Readers tab**	Open the properties of each Controller that has a Nedap ANPR Lumo camera connected to it, and click the **Readers** tab.
5	**Assign Third Party Readers**	Assign the Controller's Third Party Reader(s) to the appropriate slot(s) (e.g. slot 1 if the reader's white wire is connected to R1-in, slot 3 if the white wire is connected to R3-in).

Continued on next page

Copyright © Gallagher Group Limited

6	**Click OK**	Click **OK**, then check the Event Viewer to ensure you receive a "Third Party Reader started responding" event. If you do not see this event, the camera has not connected.
7	**Assign Third Party Readers to Doors**	Assign the Third Party Readers to the appropriate Door items' **Entry Zone** tabs. For help, refer to the topic *"Creating Doors"* in the Gallagher Configuration Client Help.
8	**New Card Type**	From the Card Type list window, select **New** > **Card Type**.
9	**General details**	Enter a Name (e.g. 'Nedap ANPR licence plate') and Description, then click the **Setup** tab.
10	**Configure the Setup tab**	Configure the Card Type with the following settings: **Set...** / **to...** Region Code / A Facility Code / 00006 Format / Text
11	**Configure remaining settings**	Configure the remaining settings as required. Refer to the topic *"Setting up Card Types"* in the Gallagher Configuration Client Help.
12	**Open Cardholder properties**	Open the properties of each Cardholder that requires a licence plate card for gaining access with a vehicle.
13	**Click the Cards tab**	Click the **Cards** tab.
14	**Assign a new licence plate card**	Assign a new card. Select the licence plate Card Type you have created (in Steps 8-11) and enter the required licence plate number as the card Number. Card numbers are case-sensitive; enter the licence plate in all capital letters.

3.2 Modifying existing configuration

Procedure If you already have licence plate cards configured with decimal-converted card numbers (old method), perform the following procedure to re-configure them for this feature:

Step	Action	Description
1	**Open Controller properties**	In Gallagher Configuration Client, open the properties of all Controllers that have Nedap ANPR cameras connected to them.
2	**Click the Card Formats tab**	Click the **Card Formats** tab.
3	**Remove the Universal Card Format**	Remove the Universal Card Format that has been configured to convert licence plate data to decimal. This Universal Card Format should be configured with Facility Code A00006.

Continued on next page

Copyright © Gallagher Group Limited

<table>
<tr><td>4</td><td>Open Cardholder properties</td><td>Open the properties of all Cardholders that have been assigned cards with decimal-converted licence plate card numbers.</td></tr>
<tr><td>5</td><td>Click the Cards tab</td><td>Click the Cards tab.</td></tr>
<tr><td>6</td><td>Remove decimal licence plate cards</td><td>Remove all cards that have a card number that is a licence plate converted to decimal.</td></tr>
<tr><td>7</td><td>Delete old Card Type</td><td>Open the Card Type window and delete the Card Type that those decimal-converted licence plate cards were using. This Card Type should have a Facility Code of A00006.</td></tr>
<tr><td>8</td><td>New Card Type</td><td>Right-click in the Card Type window and select New > Card Type.</td></tr>
<tr><td>9</td><td>General details</td><td>Enter a Name (e.g. 'Nedap ANPR licence plate') and Description, then click the Setup tab.</td></tr>
<tr><td>10</td><td>Configure the Setup tab</td><td>Configure the Card Type with the following settings:<table><tr><th>Set...</th><th>to...</th></tr><tr><td>Region Code</td><td>A</td></tr><tr><td>Facility Code</td><td>00006</td></tr><tr><td>Format</td><td>Text</td></tr></table></td></tr>
<tr><td>11</td><td>Configure remaining settings</td><td>Configure the remaining settings as required. Refer to the topic "Setting up Card Types" in the Gallagher Configuration Client Help.</td></tr>
<tr><td>12</td><td>Assign new licence plate card to Cardholders</td><td>For each Cardholder from whom you removed a card (in Step 6), assign them a new card of the new Card Type you have created (in Steps 8-11). For the card number, enter the licence plate number as text (not converted to decimal). Card numbers are case-sensitive; enter the licence plate in all capital letters.</td></tr>
</table>

Copyright © Gallagher Group Limited

4 Upgrading

To upgrade this feature from a previous version to v9.00, perform the following procedure:

<table>
<tr><th>Step</th><th>Action</th><th>Description</th></tr>
<tr><td>1</td><td>Backup</td><td>Perform a backup of your Command Centre system.</td></tr>
<tr><td>2</td><td>Uninstall the previous version</td><td>Remove the Controller Customisation item 'NedapANPRCustCard_ v8.50.0x' from all the Controllers' Software tabs and click Apply. Then, remove it from the Device Software window.</td></tr>
<tr><td>3</td><td>Upgrade Command Centre</td><td>Is the required Command Centre version (or a later version) for your Controller models already installed? Refer to section 1.2 "Compatibility" to check.
<table>
<tr><th>If...</th><th>then...</th></tr>
<tr><td>Yes</td><td>Skip this step.</td></tr>
<tr><td>No</td><td>• Upgrade Command Centre.
Refer to the document "3E0068 Release Note Command Centre vELX.XX (Upgrade Procedures).pdf" located on the Command Centre installation media, for further detail.
• Upgrade the Controllers.
Refer to the appropriate document for your Controller model(s) located on the Command Centre installation media, for further detail.</td></tr>
</table></td></tr>
<tr><td>4</td><td>Install this feature</td><td>Install the new version of this feature. Refer to section 2 "Installation".</td></tr>
</table>

Copyright © Gallagher Group Limited

5 Uninstallation

Remove the Controller Customisation

To uninstall the Nedap ANPR Lumo feature, remove the Controller Customisation item 'NedapANPR_v9.00.0x' from all the Controllers' **Software** tabs and click **Apply** then **Upgrade Now**. Then, remove it from the Device Software window.

Copyright © Gallagher Group Limited

Appendix A: Nedap ANPR Lumo camera configuration

About this section This section contains some information from the Nedap ANPR Lumo installation guide *"ANPR_Lumo_InstallGuide_E.pdf"*. You may not need to refer to this section if you have already configured your Nedap ANPR Lumo camera as per its installation guide.

A.1 Accessing the camera in a web browser

Procedure To access your Nedap ANPR Lumo camera so you can configure it in your web browser, perform the following procedure:

Step	Action
1	Enter the camera's IP address into your web browser (Internet Explorer is not supported). The default IP address is 192.168.3.15
2	Enter the Username 'admin' and Password 'secret' to log in.
3	If your camera's IP address is still the default, you should change it if you have more than one Nedap ANPR Lumo camera.

A.2 Enabling the Wiegand64 action

Procedure To enable the 'Wiegand64' READ action on the camera so the camera communicates to the Gallagher Controller, perform the following procedure:

Step	Action
1	In the camera's settings in your web browser, go to 'CONFIGURATION' and click the 'ACTIONS' tab.
2	Expand the READ actions and click 'ADD'.
3	In the ADD/EDIT ACTION window, select 'WIEGAND64'.
4	Ensure it is set to enabled, then click 'SAVE'.

Copyright © Gallagher Group Limited

A.3 Setting the classifier

Procedure To set the appropriate classifier for your country/region so the camera reads licence plates correctly, perform the following procedure:

Step	Action
1	In the camera's settings in your web browser, go to 'SYSTEM SETTINGS' and click the 'CLASSIFIER' tab.
2	'SET' the appropriate classifier for your country/region from the 'CLASSIFIER LIST'.

A.4 Saving your configuration

Procedure To save your Nedap ANPR Lumo camera's configuration, perform the following procedure:

Step	Action
1	In the camera's settings in your web browser, go to 'SYSTEM SETTINGS' and click the 'SYSTEM' tab.
2	Click the 'SAVE CONFIGURATION' button.

Copyright © Gallagher Group Limited