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# Gallagher Command Centre

## Alcolizer Feature 9.10

C12673

Release Note

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# 1 Introduction

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**About this release note** This release note is for the 'Alcolizer' v9.10 feature of Gallagher Command Centre.

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## 1.1 Purpose

**What this feature does** This feature integrates Command Centre with the Alcolizer WM4 and Centurion breath testing units.

When an access card is presented at a nominated reader, the Alcolizer is initiated for the Cardholder to take a Blood Alcohol Content (BAC) or Breath Alcohol Concentration (BrAC) test. Once the test is taken, the Alcolizer unit sends the test result (Pass or Fail) to Command Centre and Command Centre records the result as an event against the Cardholder.

If the Alcolizer does not send a pass/fail result, Command Centre makes the pass/fail decision by comparing the test result against the configured 'Pass Threshold' value.

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## 1.2 Functionality

**Failed test alarms** This feature enables Command Centre to generate an alarm based on a failed test result, alerting the operator of the Cardholder's failed test result at the time of the failed result.

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**Disable competency after failed test** This feature enables Command Centre to automatically deny site access and disable a Cardholder's Competency when a test is failed at the Alcolizer. A passed test result can be configured to enable or activate the Cardholder's Competency for a set period of time.

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**Failed test notifications** This feature can be used in conjunction with the licensed Notifications feature. An operator can configure a notification to automatically notify the Cardholder's supervisor via an email and/or SMS, at the time of a failed result.

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**Random alcohol testing** This feature can be used in conjunction with the licensed Random Selection feature. If the Cardholder is randomly selected, the Cardholder is prompted for an Alcolizer test. The Alcolizer unit can be configured on the same Door that the Random Selection feature is configured on, or on a different Door. The selected Cardholder is denied access and the Cardholder's competency is disabled. A passed test result can be configured to enable or activate the Cardholder's Competency for a set period of time.

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## 1.3 Reporting

### Alcolizer event Reports

An operator can configure a Command Centre Activity Report or Configuration Client Activity Report to report the following Alcolizer events:

- Cardholder Failed
  - Cardholder Passed
  - Cardholder Alcolizer Action Error
  - Failed to get Alcolizer Response
  - Failed to Modify Cardholder after Alcolizer Action
  - Failed to obtain COM Port
- 

### Alcolizer configuration reports

An operator can configure a Configuration Client Site Configuration Report to report the configuration of one or more Alcolizer Command Centre items.

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## 1.4 Implementation

### Options

This feature can be implemented using one of the following methods:

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### Dual Authorisation

Dual Authorisation enforces compulsory breath testing at a Door.

A passed test result is used as the second access credential for a Door whose entry Access Zone has been configured for Dual Authorisation.

A passed test result can be configured to enable the Cardholder's Competency or activate the Cardholder's Competency for a set period of time.

A failed test result will deny access at a Door whose entry Access Zone has been configured for Dual Authorisation. A failed test result will disable the Cardholder's Competency.

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### The Random Selection feature

Using the licensed Random Selection feature in conjunction with the Alcolizer feature allows for the selection of Cardholders for both compulsory and random breath testing.

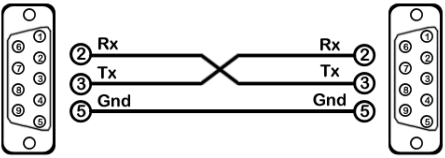
If a Cardholder is randomly selected, the Cardholder is denied access and the Cardholder's competency is disabled. It can be configured so that on passing an Alcolizer test the Cardholder's Competency is enabled or activated for a set period of time. For details on how to configure the Alcolizer feature with Random Selection, refer to the topic "*Random Selection*" in the Gallagher Command Centre Help.

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## 1.5 Compatibility

### Support for this feature

This feature supports and has been tested with the following:

<b>Supported Gallagher software</b>	<ul style="list-style-type: none"> <li>Gallagher Command Centre vEL9.10.1005 (or later vEL9.10 release)</li> <li>Gallagher Controller 6000 vCR9.10.240404a (or later vCR9.10 release)</li> </ul>
<b>Tested Microsoft software</b>	<ul style="list-style-type: none"> <li>Command Centre Server: Windows Server 2022</li> <li>Command Centre Workstation: Windows 10 (64-bit), Windows 11 (64-bit)</li> <li>Database: SQL Server 2019</li> </ul>
<b>Tested Alcolizer hardware</b>	<ul style="list-style-type: none"> <li>Alcolizer WM4 breath testing unit</li> <li>Alcolizer Centurion breath testing unit</li> </ul>
<b>Other hardware</b>	<p>This feature has been tested using a DE-9 null modem serial cable between the Controller 6000 and the Alcolizer unit.</p> 

### Multi-Server support

This feature has been tested in a Command Centre multi-server environment.

### Australian Standards

This version of this feature supports the Australian Standards AS3547:2019 and AS3547:1997. For more information, refer to <https://www.alcolizer.com/faq/new-certifications-bac/>

### Incompatible

- Controller 7000 models are not supported with this feature, as they do not contain the serial port required to connect the Alcolizer unit.
- The Access Zones used with this feature cannot be used in conjunction with any other feature that utilises the Dual Authorisation functionality of Command Centre (i.e. Challenge or Dual Authorisation).
- Ensure the operator using this feature has *not* been assigned the View Challenge or Controlled Challenge operator privileges.

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## 1.6 Security consideration

**Network security** The Alcolizer unit does not need to be connected to a network for the Gallagher 'Alcolizer' feature. If you want to connect the unit to a network, you should do your own security assessment. Gallagher has not assessed the security of the Alcolizer unit over Ethernet.

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## 2 Installation

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**Upgrading from a previous version** If you have already installed and configured a previous version of this feature (e.g. v9.00), skip section 2 "Installation" and refer to section 9 "[Upgrading](#)".

**First-time installation** To install this feature for the first time, perform the following procedures:

- 2.1 Running the installation executable
- 2.2 Adding the 'Alcolizer' item to Controllers

### 2.1 Running the installation file

**Procedure** To run the installation file, perform the following procedure:

Step	Action	Description
1	<b>Backup</b>	Perform a backup of your Command Centre system.
2	<b>Licence file</b>	Ensure your licence file contains the following entries:  [Limits] Alcolizer=X <b>Note:</b> X is a number that represents the number of Alcolizer units that can be connected to Command Centre.  [Limits] Competencies=X <b>Note:</b> X is a number that represents the number of Competencies your site can create.  [Features] Notifications=1  [Customisations] Alcolizer=1
3	<b>Licence folder</b>	Store the licence file in the following folder:  C:\ProgramData\Gallagher\Command Centre.
4	<b>Stop Command Centre and Services</b>	Exit Command Centre and stop the FT Command Centre Service.
5	<b>Install Command Centre</b>	On all Command Centre servers and all Command Centre workstations, install vEL9.10.1005 (or later vEL9.10 release) from the Command Centre installation media, if not already installed.
6	<b>Run the installation file</b>	Unzip the file you have been provided and run the installation executable <b>AlcolizerSetup_9.10.xx.msi</b> on all Command Centre Servers and all non- <a href="#">ClickOnce</a> * Configuration Client Workstations.

*Continued on next page*



7	<b>Start Services and Command Centre</b>	Restart the FT Command Centre Service and Command Centre.
8	<b>Verify installation</b>	To ensure that the 'Alcolizer' feature has been installed correctly, check the following: <ul style="list-style-type: none"> <li>• Select <b>Help &gt; About Command Centre</b> from the Gallagher Configuration Client menu bar. The entry 'Alcolizer v9.10.xx' should be displayed in the Customisations field.</li> <li>• Select the <b>Programs and Features</b> utility from the Windows Control Panel on the Command Centre Server. The program 'Gallagher Alcolizer' should be listed.</li> </ul>

**\*ClickOnce installation**

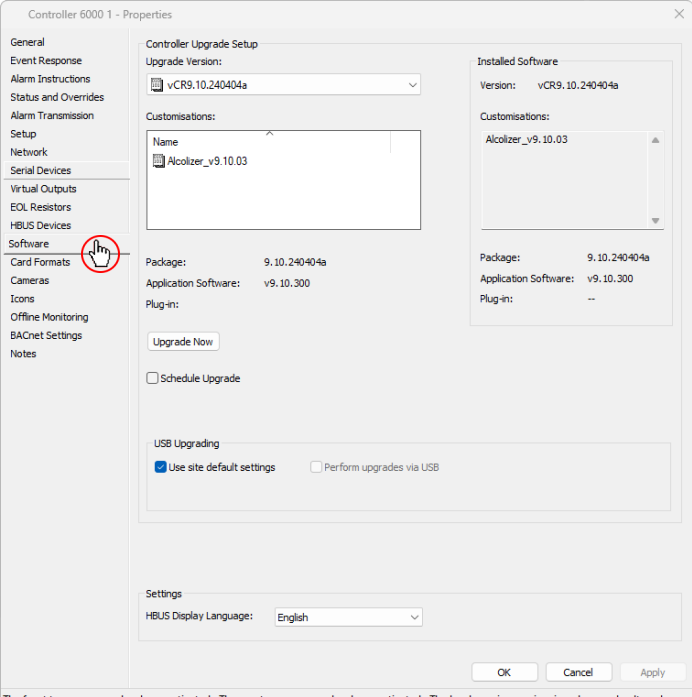
Do not install this feature on ClickOnce Workstations. Workstations deployed via ClickOnce automatically download this feature from the Command Centre Server.

## 2.2 Adding the 'Alcolizer' item to Controllers

**Procedure** To add the Alcolizer feature to Controller 6000s, perform the following procedure:

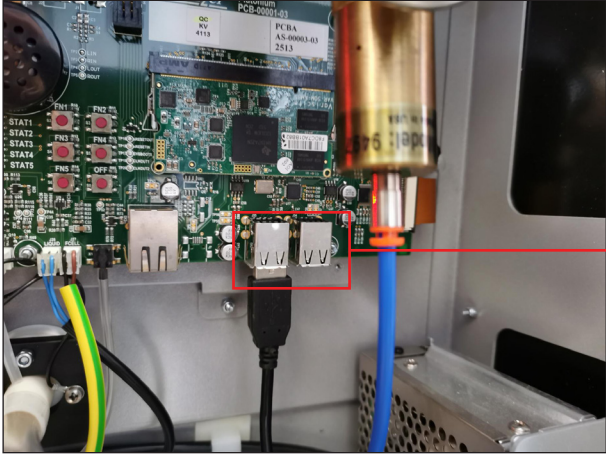
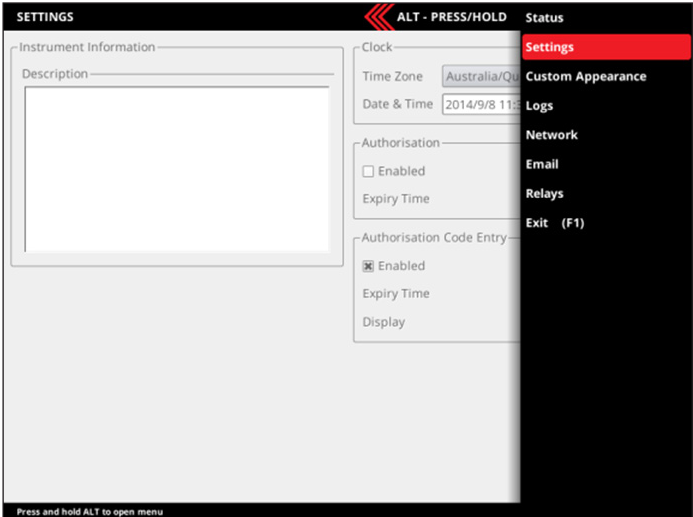
Step	Action	Description
1	<b>Open the Device Software window</b>	Open the Device Software list window (via <b>Configure &gt; Device Software</b> from the Gallagher Configuration Client menu bar). The Controller Customisation item 'Alcolizer_v9.10.xx' should be present.
2	<b>Open Controller properties</b>	Open the properties for each Controller 6000 that is connected to an Alcolizer unit.

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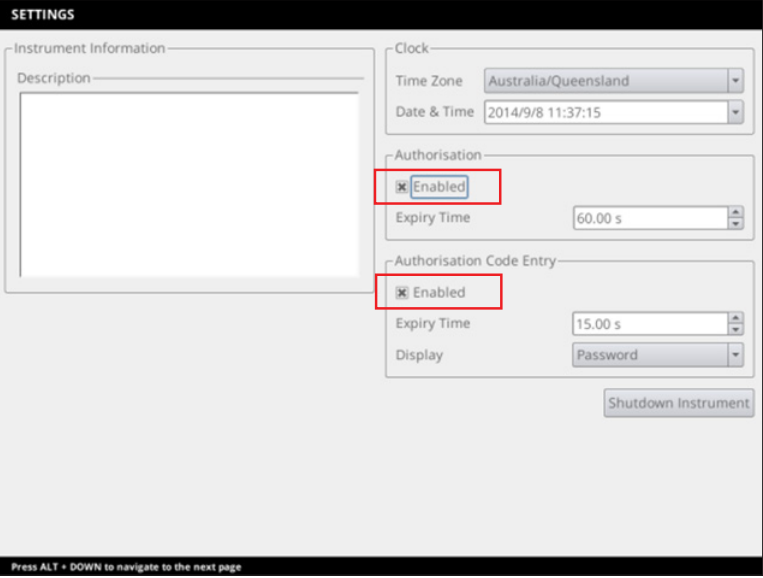
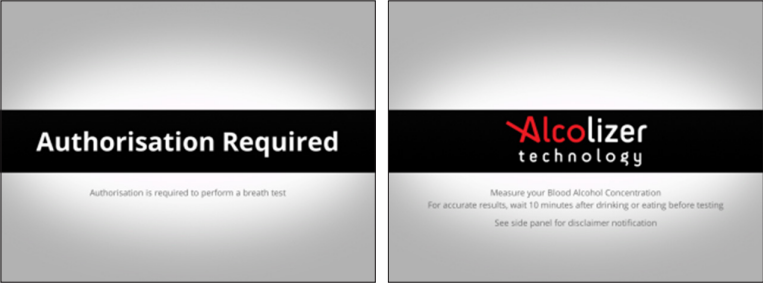
3	<p><b>Click the Software tab</b></p>	 <p>The front tamper sensor has been activated. The rear tamper sensor has been activated. The hardware is experiencing abnormal voltage leve...</p>
4	<p><b>Add customisation to grid</b></p>	<p>Drag (or copy and paste) the Controller Customisation item 'Alcolizer_v9.10.xx' from the Device Software list window to the 'Customisations' grid on the Controller's <b>Software</b> tab.</p>
5	<p><b>Apply and Upgrade Now</b></p>	<p>Click the <b>Apply</b> button, then click the <b>Upgrade Now</b> button.</p> <p>The Controller will download the 'Alcolizer' item and then restart. When the Controller has restarted, the <b>Software</b> tab will show Alcolizer_v9.10.xx in the 'Installed' column.</p>

### 3 Alcolizer initialisation

**Procedure** To enable/disable 'Authorisation' on an Alcolizer WM4 breath testing unit, perform the following procedure:

Step	Action	Description
1	<b>Open the Alcolizer unit</b>	Open the WM4 breath testing unit. 
2	<b>Connect a keyboard</b>	Connect a USB keyboard to one of the four USB ports. The USB connection points can be found on the lower right side of the PCB, looking at the back of the unit. A mouse can also be connected in the same way.
3	<b>Press F1</b>	Press the <b>F1</b> key to access the WM4 USER menu area. 
4	<b>Press left Alt</b>	Press the <b>left Alt</b> key to bring up available menu choices.
5	<b>Press arrow down</b>	Use the <b>arrow down</b> key and move down to <b>Settings</b> .

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6	<b>Press left Alt</b>	<p>Press <b>left Alt</b> to hide the menu and give clear access to the <b>Settings</b> page.</p> 
7	<b>Press Tab 8 times</b>	<p>Press the <b>Tab</b> key eight (8) times or use a mouse to focus on the <b>Authorization Enabled</b> check box, and press the <b>space bar</b> to select the check box.</p>
8	<b>Authorization Code Entry</b>	<p>Ensure that the <b>Authorization Code Entry</b> is selected as well. Authorization has now been set and is on.</p>
9	<b>Press F1</b>	<p>Press the <b>F1</b> key to exit the menu.</p> <p>The screen will now alternate between 'Authorization Required' and the Alcolizer Technology banner.</p> 
10	<b>Close the Alcolizer unit</b>	<p>Remove the keyboard, mouse, etc., and close the WM4 breath testing unit.</p>

## 4 Configuration

### Configuration methods

The Alcolizer feature can be configured using one of two methods. Refer to section 1.4 "[Implementation](#)" earlier in this release note for a description of each. Choose *one* of the following sections to configure the Alcolizer feature:

- Perform section 5 "[Dual Authorisation Configuration](#)" to configure the Alcolizer feature using Dual Authorisation.
- Perform section 6 "[Random Selection Configuration](#)" to configure the Alcolizer feature using the Random Selection feature.

## 5 Dual Authorisation configuration

### In this section

This section describes how to configure the Alcolizer feature using Dual Authorisation.

Perform the following procedures in Gallagher Configuration Client:

- 5.1 Configuring Dual Authorisation
- 5.2 Configuring an Alcolizer
- 5.3 Assigning an Alcolizer to a Controller

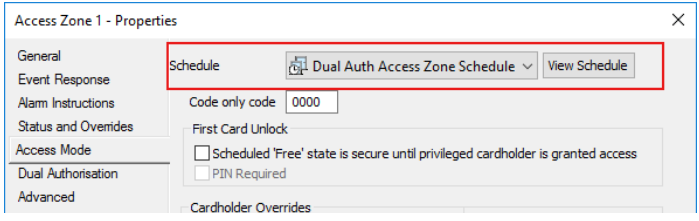
### 5.1 Configuring Dual Authorisation

#### About this section

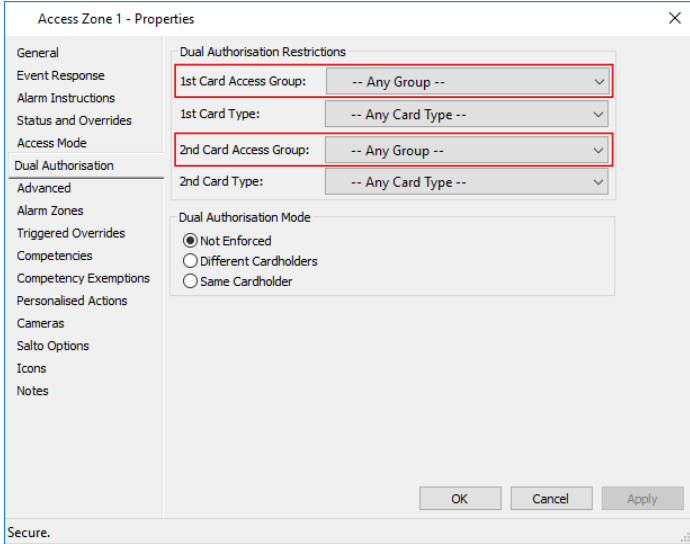
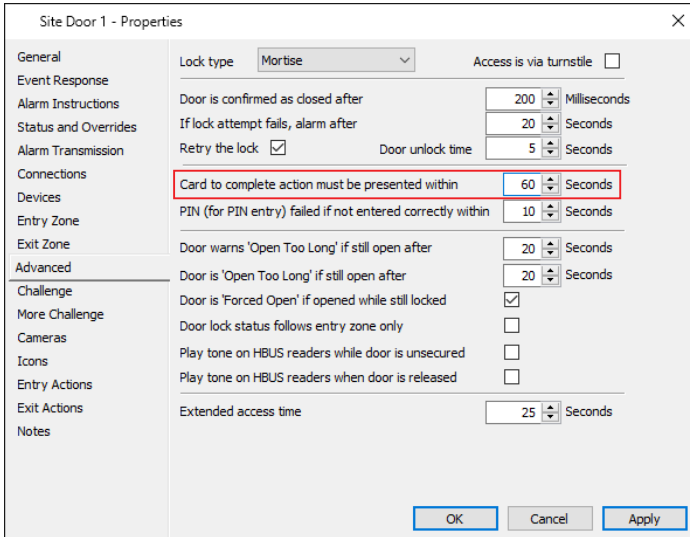
Dual Authorisation must be configured for the nominated Door (i.e. the Door where a BAC/BrAC test must be completed before the Cardholder can enter).

#### Procedure

To configure the entry Access Zone of an Alcolizer Door for Dual Authorisation, perform the following procedure:

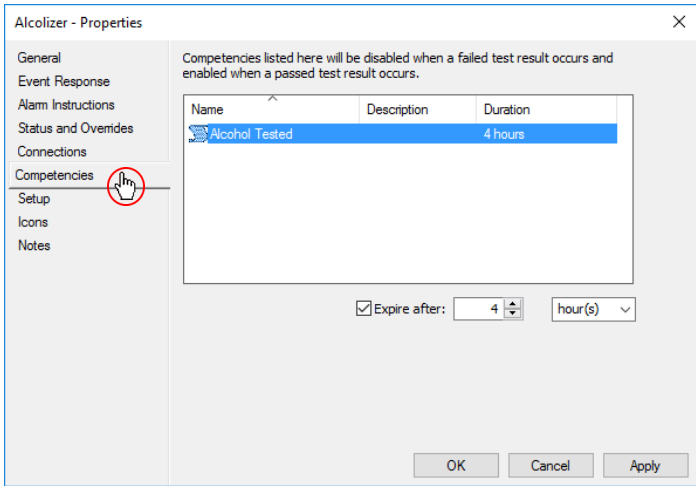
Step	Action	Description
1	Configure Schedule	<p>On the <b>Access Mode</b> tab of the entry Access Zone for the Door, ensure the <b>Schedule</b> assigned has been configured to always be in 'Dual Auth - No PIN' mode.</p> <p>For help configuring Schedules, refer to the topic "<a href="#">Schedules</a>" in the Gallagher Configuration Client Help.</p> 

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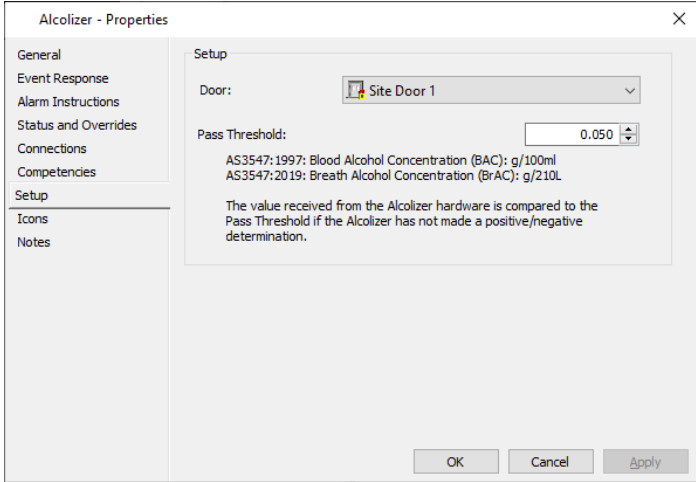
2	<p><b>Configure Dual Authorisation tab</b></p>	<p>On the <b>Dual Authorisation</b> tab of the entry Access Zone, the '1st Card Access Group' should be one that the Cardholders to be breath tested belong to. The '2nd Card Access Group' should be one that the security personnel belong to. In the event the server goes offline, a security guard can badge a second card to grant access to the Cardholder.</p> 
3	<p><b>Configure Door timeout</b></p>	<p>Open the properties of the Door and configure an appropriate time-out that limits how much time the Cardholder has to take their breath test.</p> 

## 5.2 Configuring an Alcolizer

**Procedure** To configure an Alcolizer item in Gallagher Configuration Client, perform the following procedure:

Step	Action	Description						
1	<b>Open the Hardware window</b>	Click <b>Configure</b> from the menu bar, then <b>Hardware</b> . The Hardware list window opens.						
2	<b>Create new Alcolizer</b>	Right-click and select <b>New... &gt; RS232 Device &gt; Alcolizer</b> . The General tab displays.						
3	<b>Configure general fields</b>	Complete the fields as required.						
4	<b>Configure Event Response</b>	Click the <b>Event Response</b> tab, and configure as required.						
5	<b>Configure Alarm Instructions</b>	Click the <b>Alarm Instructions</b> tab, and configure as required.						
6	<b>Click the Competencies tab</b>	 <p>The screenshot shows the 'Alcolizer - Properties' dialog box with the 'Competencies' tab selected. The dialog contains a table with the following data:</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Alcohol Tested</td> <td></td> <td>4 hours</td> </tr> </tbody> </table> <p>Below the table, there is a checkbox labeled 'Expire after:' with a value of '4' and a unit of 'hour(s)'. The 'Competencies' tab in the left-hand menu is circled in red.</p>	Name	Description	Duration	Alcohol Tested		4 hours
Name	Description	Duration						
Alcohol Tested		4 hours						
7	<b>Assign Competencies</b>	Assign the Competencies to be managed by this Alcolizer. The Competencies listed here will be enabled for a Cardholder when a passed test result occurs and disabled for a Cardholder when a failed test occurs. <b>Note:</b> Ensure that the Competencies assigned here have also been added to all Cardholders that will be breath tested.						

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8	<b>Expire after</b>	<p>To have a previously-disabled Competency enabled for only a limited time after a passed test result, select the Competency and select the <b>Expire after</b> check box. Enter the period that the Competency will be enabled for. Maximum 99 minutes, 99 hours, or 10 days.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• The <b>Expire after</b> setting does not apply to Competencies that were already enabled before the Cardholder passed the breath test.</li> <li>• If the <b>Expire after</b> check box is unchecked, then after a Cardholder passes a breath test, the Competency will be enabled with no expiry.</li> </ul>
9	<b>Click the Setup tab</b>	
10	<b>Door</b>	<p>From the Door drop-down list, select the <b>Door</b> that will initiate the Alcolizer unit.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• When a Cardholder presents their card at the reader assigned to the Entry Zone of this Door, the Alcolizer unit is initiated for the Cardholder.</li> <li>• If a Competency has been assigned to the entry Access Zone for this Door and that Competency is either disabled, expired, or missing for the Cardholder, access is denied. The Alcolizer unit will not be initiated for the Cardholder.</li> </ul>

*Continued on next page*



11	<b>Pass Threshold</b>	<p>Configure the <b>Pass Threshold</b> as required.</p> <p><b>Note:</b> The 'Pass Threshold' needs to be a value greater than 0.</p> <p>Command Centre only uses this value to make a pass/fail decision if the Alcolizer unit does not send a positive/negative determination to Command Centre. In this case, if a Cardholder's BAC/BrAC result is greater than or equal to the 'Pass Threshold' value, they fail the breath test.</p> <p><b>Unit of measurement:</b> A single pass threshold value is used (rather than one for BAC and one for BrAC) because a value as a BAC measurement is approximately equal to the same value as a BrAC measurement (e.g. 0.05 g/100ml (BAC) ≈ 0.05 g/210L (BrAC)).</p>
12	<b>Click OK</b>	Click <b>OK</b> to close and save your changes.

### 5.3 Assigning an Alcolizer to a Controller

**One Alcolizer per Controller** An Alcolizer is connected to the RS232 port of a Controller 6000, so only one Alcolizer can be assigned per Controller.

**Procedure** To assign an Alcolizer to the Controller 6000 that it is connected to, perform the following procedure:

Step	Action	Description
1	<b>Open Controller properties</b>	From the Hardware list window, open the properties of the Controller 6000 that the Alcolizer is connected to.
2	<b>Select an Alcolizer</b>	Click the <b>Serial Devices</b> tab, then select the Alcolizer that is connected to this Controller from the <b>Alcolizer</b> drop-down list.
3	<b>Click OK</b>	Click <b>OK</b> to close and save your changes.

**Result** With the configured Alcolizer connected to the Controller 6000's serial port, the Alcolizer comes online in Command Centre.

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## 6 Random Selection configuration

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**About this section** This section describes how to configure the Alcolizer feature to use the licensed Random Selection feature.

**Note:** The configuration provided in this section is an example of how the Random Selection feature can be configured in conjunction with the Alcolizer feature. Your site requirements may differ from those shown here.

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**In this section** Perform the following procedures in Gallagher Configuration Client:

- 6.1 Creating a Door for Random Selection
  - 6.2 Configuring a Door to initiate the Alcolizer unit
  - 6.3 Configuring Access Groups
  - 6.4 Configuring a Competency
  - 6.5 Configuring Access Zones
  - 6.6 Configuring Random Selection
  - 6.7 Configuring an Alcolizer
  - 6.8 Assigning an Alcolizer to a Controller
- 

### 6.1 Creating a Door for Random Selection

**Refer to help topic** If not already configured, create the Door that will be used to randomly select Cardholders. Refer to the topic "*Creating Doors*" in the Gallagher Configuration Client Help.

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### 6.2 Configuring a Door to initiate the Alcolizer unit

**Breath testing at the Door**  
**Cardholders are selected at, or a different Door**

When a Cardholder presents their card at the Reader assigned to the Entry Zone of the Door that is assigned to the Alcolizer, the Alcolizer unit will be initiated for the Cardholder.

Depending on your site requirements, you can use the Door previously created (the Random Selection Door) to initiate the Alcolizer. Alternatively, if the Cardholder is randomly selected and the Alcolizer unit is located elsewhere (i.e. in a medical room), the Cardholder will need to initiate the Alcolizer unit when they arrive at the unit. In this example, a second reader would be located near the unit and assigned to a dummy (not physical) Door Command Centre item.

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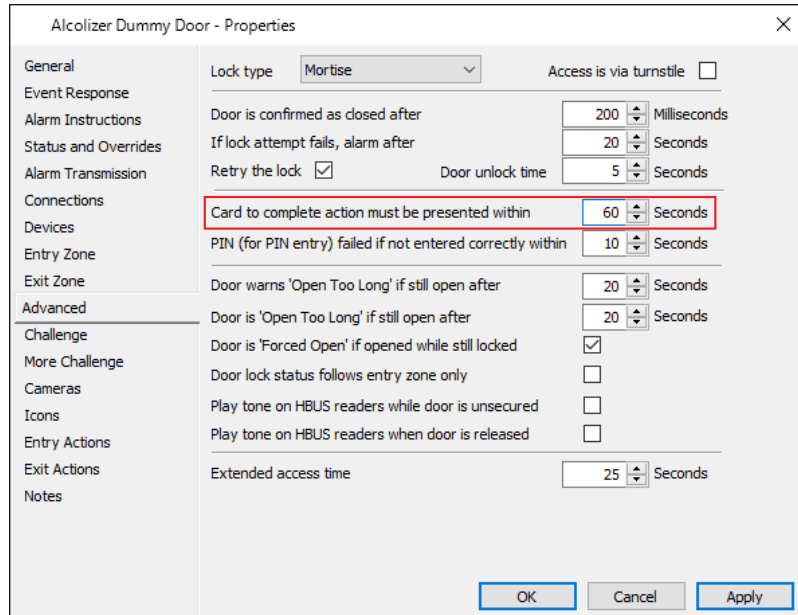
**Access Zone configuration**

If using a dummy Door, a dummy Entry Access Zone for the Door must be configured.

The Alcolizer Door's Entry Access Zone (real or dummy) must use the same Competency (but not enforced) as the Alcolizer. This will allow the Cardholder to badge and use the Alcolizer to re-enable the Competency, following a passed test result.

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**Door configuration** The Door (real or dummy) must be configured with a timeout long enough to allow the Cardholder to take their breath test. The timeout is determined by the 'Card to complete action must be presented within' option on the Door's 'Advanced' tab.



### 6.3 Configuring Access Groups

**Refer to help topic** If not already configured, create the Access Groups containing the Cardholders that will be randomly selected. Refer to the topic *"Setting up Access Groups"* in the Gallagher Configuration Client Help.

### 6.4 Configuring a Competency

**Configure Competency and assign to Cardholders** If not already configured, create the Competency (e.g. 'Alcohol Tested') that will be disabled when a Cardholder is randomly selected at a Door. Refer to the topic *"Configuring Competencies"* in the Gallagher Configuration Client Help.

Assign this Competency to Cardholders who are available for selection.

### 6.5 Configuring Access Zones

**Refer to help topic** If not already configured, configure the appropriate Access Zones on your site so that Cardholders require the previously-created Competency to enter these Zones. Refer to the topic *"Adding Competencies to Access Zones"* in the Gallagher Configuration Client Help.

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## 6.6 Configuring Random Selection

**Configure Random Selection** For details on how to configure the licensed Random Selection feature of Command Centre, refer to the "*Random Selection*" chapter in the Gallagher Command Centre Help.

**Notes:**

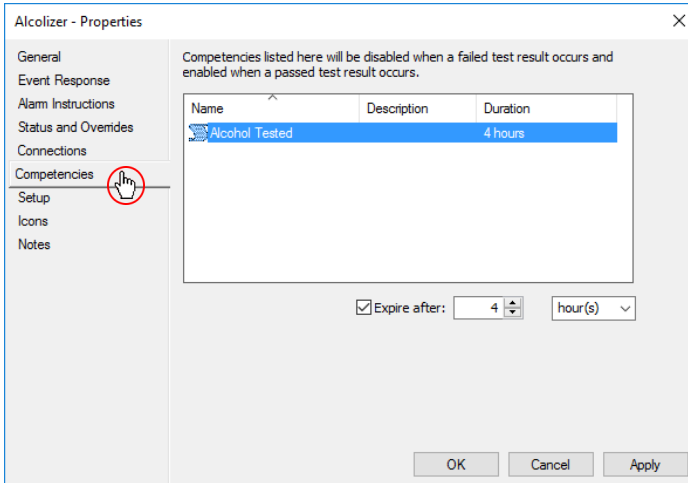
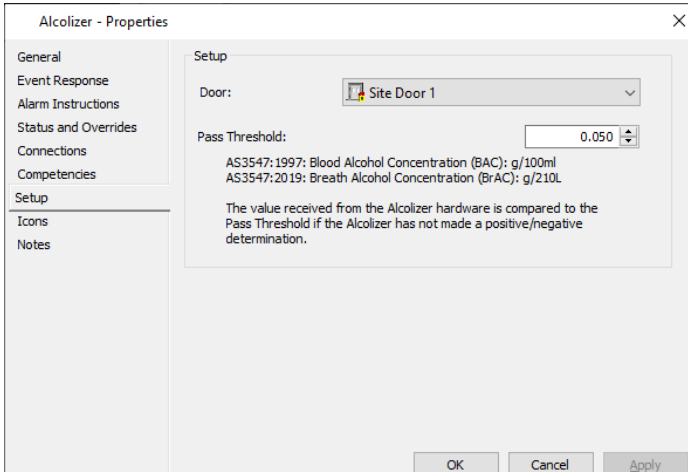
- Configure the previously-configured competency (e.g. 'Alcohol Tested') to be expired or disabled upon Cardholder selection.
  - Gallagher recommends that you limit the maximum number of selections for any given Cardholder within a specified amount of time. If not, a Cardholder may be re-selected no matter how recently they completed a BAC/BrAC test, and have to repeat the BAC/BrAC test.
  - Both T20 and non-T20 readers can be configured to an Alcolizer unit.
- 

## 6.7 Configuring an Alcolizer

**Procedure** To configure an Alcolizer item in Gallagher Configuration Client, perform the following procedure:

Step	Action	Description
1	<b>Open the Hardware window</b>	Click <b>Configure</b> from the menu bar, then <b>Hardware</b> . The Hardware list window opens.
2	<b>Create new Alcolizer</b>	Right-click and select <b>New... &gt; RS232 Device &gt; Alcolizer</b> . The General tab displays.
3	<b>Configure general fields</b>	Complete the fields as required.
4	<b>Configure Event Response</b>	Click the <b>Event Response</b> tab, and configure as required.
5	<b>Configure Alarm Instructions</b>	Click the <b>Alarm Instructions</b> tab, and configure as required.

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6	<p><b>Click the Competencies tab</b></p>	
7	<p><b>Assign Competencies</b></p>	<p>Assign the Competencies to be managed by this Alcolizer. The Competencies listed here will be enabled for a Cardholder when a passed test result occurs and disabled for a Cardholder when a failed test occurs.</p> <p><b>Note:</b> Ensure that the Competencies assigned here have also been added to all Cardholders that will be breath tested.</p>
8	<p><b>Expire after</b></p>	<p>To have a previously-disabled Competency enabled for only a limited time after a passed test result, select the Competency and select the <b>Expire after</b> check box. Enter the period that the Competency will be enabled for. Maximum 99 minutes, 99 hours, or 10 days.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• The <b>Expire after</b> setting does not apply to Competencies that were already enabled before the Cardholder passed the breath test.</li> <li>• If the <b>Expire after</b> check box is unchecked, then after a Cardholder passes a breath test, the Competency will be enabled with no expiry.</li> </ul>
9	<p><b>Click the Setup tab</b></p>	

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10	<b>Door</b>	<p>From the Door drop-down list, select the <b>Door</b> that will initiate the Alcolizer unit.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• When a Cardholder presents their card at the reader assigned to the Entry Zone of this Door, the Alcolizer unit is initiated for the Cardholder.</li> <li>• If a Competency has been assigned to the entry Access Zone for this Door and that Competency is either disabled, expired, or missing for the Cardholder, access is denied. The Alcolizer unit will not be initiated for the Cardholder.</li> </ul>
11	<b>Pass Threshold</b>	<p>Configure the <b>Pass Threshold</b> as required.</p> <p><b>Note:</b> The 'Pass Threshold' needs to be a value greater than 0.</p> <p>Command Centre only uses this value to make a pass/fail decision if the Alcolizer unit does not send a positive/negative determination to Command Centre. In this case, if a Cardholder's BAC/BrAC result is greater than or equal to the 'Pass Threshold' value, they fail the breath test.</p> <p><b>Unit of measurement:</b> A single pass threshold value is used (rather than one for BAC and one for BrAC) because a value as a BAC measurement is approximately equal to the same value as a BrAC measurement (e.g. 0.05 g/100ml (BAC) <math>\approx</math> 0.05 g/210L (BrAC)).</p>
12	<b>Click OK</b>	Click <b>OK</b> to close and save your changes.

## 6.8 Assigning an Alcolizer to a Controller

**One Alcolizer per Controller** An Alcolizer is connected to the RS232 port of a Controller 6000, so only one Alcolizer can be assigned per Controller.

**Procedure** To assign an Alcolizer to the Controller 6000 that it is connected to, perform the following procedure:

Step	Action	Description
1	<b>Open Controller properties</b>	From the Hardware list window, open the properties of the Controller 6000 that the Alcolizer is connected to.
2	<b>Select an Alcolizer</b>	Click the <b>Serial Devices</b> tab, then select the Alcolizer that is connected to this Controller from the <b>Alcolizer</b> drop-down list.
3	<b>Click OK</b>	Click <b>OK</b> to close and save your changes.

**Result** With the configured Alcolizer connected to the Controller 6000's serial port, the Alcolizer comes online in Command Centre.

## 7 Events

**New events** This feature introduces the following events:

Event	<b>Cardholder [Last Name, First Name] failed Alcolizer action at [Alcolizer]</b>
Explanation	The Cardholder has failed a BAC/BrAC test at the Alcolizer. The event details state: <ul style="list-style-type: none"> <li>- the Card Number that initialised the test</li> <li>- the Alcolizer result (Fail)</li> <li>- the Reading (alcohol content)</li> <li>- the Alcolizer unit serial number</li> <li>- the unit of measurement for the reading (BAC g/100ml or BrAC g/210L).</li> </ul> <b>Note:</b> If the Alcolizer unit did not send a UOM, it defaults to BAC.
Event Group	Alcolizer Fail Result
Event Type	Cardholder Failed
Generated By	Command Centre

Event	<b>Cardholder [Last Name, First Name] passed Alcolizer action at [Alcolizer]</b>
Explanation	The Cardholder has passed a BAC/BrAC test at the Alcolizer. The event details state: <ul style="list-style-type: none"> <li>- the Card Number that initialised the test</li> <li>- the Alcolizer result (Pass)</li> <li>- the Reading (alcohol content)</li> <li>- the Alcolizer unit serial number</li> <li>- the unit of measurement for the reading (BAC g/100ml or BrAC g/210L).</li> </ul> <b>Note:</b> If the Alcolizer unit did not send a UOM, it defaults to BAC.
Event Group	Alcolizer Pass Result
Event Type	Cardholder Passed
Generated By	Command Centre

Event	<b>Cardholder [Last Name, First Name] failed to complete Alcolizer Action at [Alcolizer]</b>
Explanation	The Cardholder failed to complete a BAC/BrAC test at the Alcolizer. The event details state: <ul style="list-style-type: none"> <li>- the Card Number that initialised the test</li> <li>- the Alcolizer result (the reason the test failed to complete)</li> </ul>
Event Group	Alcolizer Warning
Event Type	Cardholder Alcolizer Action Error
Generated By	Command Centre

Event	<b>[Alcolizer] failure - No response from Alcolizer</b>
Explanation	The Alcolizer failed to respond to a command from the Controller. Check the Alcolizer is physically connected to the Controller and has power to the Alcolizer.
Event Group	Alcolizer Warning
Event Type	Failed to get valid Alcolizer Response
Generated By	Controller

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Event	<b>Action at [Alcolizer] failed to modify Cardholder [Last Name, First Name]</b>
Explanation	The Cardholder record is already locked by the operator for editing. The event details display the Cardholder's field and new value that failed to be modified.
Event Group	Alcolizer Warning
Event Type	Failed to Modify Cardholder after Alcolizer Action
Generated By	Command Centre

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## 8 Reporting

### Alcolizer event Reports

An operator can configure a Command Centre Activity Report or Configuration Client Activity Report to report the following Alcolizer events:

- Cardholder Failed
- Cardholder Passed
- Cardholder Alcolizer Action Error
- Failed to get Alcolizer Response
- Failed to Modify Cardholder after Alcolizer Action
- Failed to obtain COM Port

### Procedure

The following procedure describes how to configure a Command Centre Activity Report to report all Failed Alcolizer Action events, for all Cardholders within selected Access Groups:

Step	Action	Description
1	<b>Click the Reports tab</b>	In Command Centre Client, select the <b>Reports</b> tab on the title bar.
2	<b>Click Report Configuration</b>	Click the <b>Report Configuration</b> button on the toolbar.
3	<b>New Activity Report</b>	Click <b>New Report</b> , then <b>Activity Report</b> .
4	<b>Name</b>	Enter a name for the report in the <b>Name</b> field (e.g. Failed Alcolizer Events).
5	<b>Select period</b>	To configure the period to report on, complete the following: <ul style="list-style-type: none"><li>• Double-click the <b>Event occurred today</b> filter, located in the Filters panel. The Edit Condition dialog box displays.</li><li>• Configure the desired reporting period. For example, to report all Failed Alcolizer Events within the last week, select <b>Last Week</b> from the Report Period drop-down list.</li><li>• Click <b>OK</b>. The condition is updated in the Filters panel.</li></ul>
6	<b>Select events</b>	To report on all Failed Alcolizer Events, complete the following: <ul style="list-style-type: none"><li>• Click the <b>Insert Filter</b> button and select <b>Event Group or Type</b>.</li><li>• Click the <b>Select Event Groups and Types</b> button, select the <b>Alcolizer Fail Result</b> check box, then click <b>OK</b>.</li><li>• Click <b>OK</b>. The condition is added to the Filters panel.</li></ul>

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7	<b>Select Access Groups</b>	<p>To report on selected Access Groups only, complete the following:</p> <ul style="list-style-type: none"> <li>• Click the <b>Insert Filter</b> button and select <b>Cardholder Access Group</b>.</li> <li>• Click the <b>Select Access Groups</b> button and select the appropriate check boxes for the Access Groups you wish to report on.</li> <li>• Click the <b>Add Selection</b> button.</li> <li>• Click <b>OK</b>.</li> </ul> <p>The condition is added to the Filters panel.</p>
8	<b>Click Configure</b>	<p>Click the <b>Configure</b> button, located in the centre of the report preview.</p> <p>The Report Layout Configuration dialog box displays.</p>
9	<b>Add columns</b>	Add any additional columns you require to the report.
10	<b>Save</b>	Click <b>OK</b> then <b>Save</b> .
11	<b>Schedule the report</b>	To schedule the report and select a report output, refer to the topic " <i>Scheduling a Report</i> " in the Gallagher Command Centre Help.
12	<b>Add to Report toolbar</b>	To add the report to the Report toolbar (which allows quick access to regularly run reports), refer to the topic " <i>Report Favourites</i> " in the Gallagher Command Centre Help.

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## 9 Upgrading

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### 9.1 Upgrading this feature from vEL9.00 (or earlier) to vEL9.10

**Procedure** To upgrade Command Centre and this feature to v9.10, perform the following procedure:

Step	Action	Description
1	<b>Backup</b>	Perform a backup of your Command Centre system.
2	<b>Stop Command Centre and Services</b>	Exit Command Centre, stop the Command Centre Services, and stop the FTCAPI Router Service.
3	<b>Uninstall this feature</b>	Using the Windows <b>Programs and Features</b> utility, remove the program 'Gallagher Alcolizer' from the Command Centre Server and all Command Centre Workstations.
4	<b>Upgrade Command Centre</b>	Upgrade Command Centre to vEL9.10.1005 (or later vEL9.10 release). Refer to the document " <i>3E0068 Release Note Command Centre vEL9.10 (Upgrade Procedures).pdf</i> " located on the Command Centre installation media.
5	<b>Install new version</b>	Unzip the new file you have been provided and run the installation executable <b>AlcolizerSetup_9.10.xx.msi</b> on the Command Centre Server and all Command Centre Workstations.
6	<b>Start Services and Command Centre</b>	Restart the FT Command Centre Service and Command Centre.
7	<b>Remove old software</b>	Remove the old 'Alcolizer_vX.XX.XX' item from the Controller 6000's <b>Software</b> tab for all Controllers and click <b>Apply</b> , then remove it from the Device Software list window. <b>Note:</b> "No such part" alarms may be generated.
8	<b>Upgrade Controllers</b>	Upgrade the Controllers to vCR9.10.240404a (or later vCR9.10 release). Refer to the document " <i>3E2203 Release Note Controller 6000 vCR9.10.240404a .pdf</i> " located on the Command Centre installation media.
9	<b>Add software to Controllers</b>	From the Device Software list window, add the new 'Alcolizer_v9.10.xx' item to the Controller's <b>Software</b> tab for each Controller 6000 connected to an Alcolizer unit. Click the <b>Apply</b> button, then click the <b>Upgrade Now</b> button.
10	<b>Wait for restart</b>	Wait for the Controllers to restart.
11	<b>Test this feature</b>	Test to ensure this feature operates as before.

## 9.2 Upgrading this feature on vEL9.10

**Procedure** If Command Centre vEL9.10 is already installed, perform the following procedure to upgrade this feature to v9.10:

Step	Action	Description
1	<b>Backup</b>	Perform a backup of your Command Centre system.
2	<b>Stop Command Centre and Services</b>	Exit Command Centre, stop the Command Centre Services, and stop the FTCAPI Router Service.
3	<b>Uninstall this feature</b>	Using the Windows <b>Programs and Features</b> utility, remove the program 'Gallagher Alcolizer' from the Command Centre Server and all Command Centre Workstations.
4	<b>Install new version</b>	Unzip the new file you have been provided and run the installation executable <b>AlcolizerSetup_9.10.xx.msi</b> on the Command Centre Server and all Command Centre Workstations.
5	<b>Start Services and Command Centre</b>	Restart the FT Command Centre Service and Command Centre.
6	<b>Remove old software</b>	Remove the old 'Alcolizer_vX.XX.XX' item from the Controller 6000's <b>Software</b> tab for all Controllers and click <b>Apply</b> , then remove it from the Device Software list window. <b>Note:</b> "No such part" alarms may be generated.
7	<b>Add software to Controllers</b>	From the Device Software list window, add the new 'Alcolizer_v9.10.xx' item to the Controller's <b>Software</b> tab for each Controller 6000 connected to an Alcolizer unit. Click the <b>Apply</b> button, then click the <b>Upgrade Now</b> button.
8	<b>Wait for restart</b>	Wait for the Controllers to restart.
9	<b>Test this feature</b>	Test to ensure this feature operates as before.

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## 10 Uninstallation

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**Procedure** To uninstall this feature, perform the following procedure:

Step	Action	Description
1	<b>Backup</b>	Perform a backup of your Command Centre system.
2	<b>Delete Alcolizer items</b>	Delete all Alcolizer Command Centre Items.
3	<b>Remove from Controllers</b>	Remove the 'Alcolizer_v9.10.xx' from the Controller's <b>Software</b> tab for all Controller 6000s, then click the <b>Upgrade Now</b> button.
4	<b>Remove Device Software</b>	Remove the 'Alcolizer_v9.10.xx' from the Device Software list window.
5	<b>Stop Command Centre and Services</b>	Exit Command Centre and stop the FT Command Centre Service.
6	<b>Uninstall this feature</b>	Using the Windows <b>Programs and Features</b> utility, remove the program 'Gallagher Alcolizer' from the Command Centre Server and all Command Centre Workstations.
7	<b>Start Services and Command Centre</b>	Restart the FT Command Centre Service and Command Centre.

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## 11 Known issues

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<b>Controller offline</b>	This feature is a controller-based solution that can operate independently of server connectivity if required. If the Controller is offline from the server, the test results will not be received by the server until connectivity is re-established. That is, there is a possibility that if a Cardholder fails the test, the Cardholder could go to a Door where a test is not required, and as the entry Competency hasn't been disabled yet (by the server), could gain entry even though they shouldn't be allowed.
<b>Door configuration</b>	The Alcolizer unit has no way to cancel the Alcolizer initialisation once it has begun. Therefore, Gallagher recommends that a timeout is set that allows enough time to take a test. If the next Cardholder badges, this will cancel whatever incomplete action is still being processed.
<b>Record locks and conflicts</b>	<p>A Cardholder record is locked from when an operator starts modifying the Cardholder details until the changes are applied. This feature cannot modify (disable or enable) Competencies for locked Cardholders. The workaround for this is to enforce the following conditions:</p> <ul style="list-style-type: none"><li>• Only modify a Cardholder's record if that Cardholder is unlikely to use an Alcolizer unit at the time of modifying the Cardholder's record.</li><li>• If the above cannot be ensured, then it must be assumed that the operator's changes are of greater importance.</li></ul>
<b>Upgrade causing Access Zone access modes to reset</b>	When upgrading this feature from a previous version, you should follow this release note's " <i>Upgrading</i> " section exactly. If you don't 'Apply' the removal of the old Alcolizer item before you 'Apply' the new Controller software and Alcolizer item, any Access Zones that are currently overridden may be reset to the access mode according to their Schedule. If required, you will need to override your Access Zones again.

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