



Digidown Host

Software User's Guide

DigidownRDL Edition

v0.4

Subject to change without notice

DigidownHost User's Guide

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About DigidownHost

Before a person can download files from a digital tachograph, they need to prove to it that they are someone who is entitled to access the data. This process is called authentication and is usually performed by inserting a company card into the tachograph. Authentication can also be achieved by a company card and a tachograph communicating with each other when they are not in the same place. This process is known as remote authentication.

DigidownHost is a PC application which allows remote authentication to take place by handling communication between a company card and a DigidownT/RDL or DigidownBlue device connected to a digital tachograph. This communication can be either carried out over the internet, using the PC's internet connection or over Bluetooth, via a DigidownBase device. DigidownHost can also receive downloaded tachograph and driver card data from DigidownBlue and DigidownCR devices over Bluetooth via a DigidownBase. To view additional DigidownBase installation steps & information please refer to the 'Digidown Host User's Guide DigidownBase Edition.pdf' file

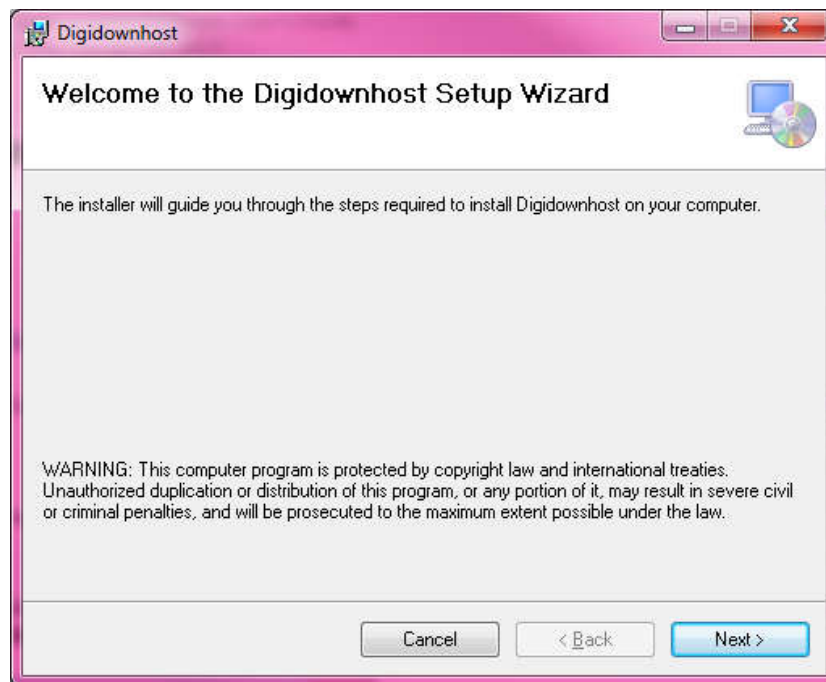
DigidownHost is capable of handling communication for one or more companies each with one or more company cards. Remote authentication can then take place between a vehicle's tachograph and any company card associated with that vehicle's company. Up to ten different authentications can take place at the same time, provided that ten company cards are inserted in as many attached smart card readers.

Installing DigidownHost

Double-click **DigidownHostSetup.exe** to launch the DigidownHost Installer

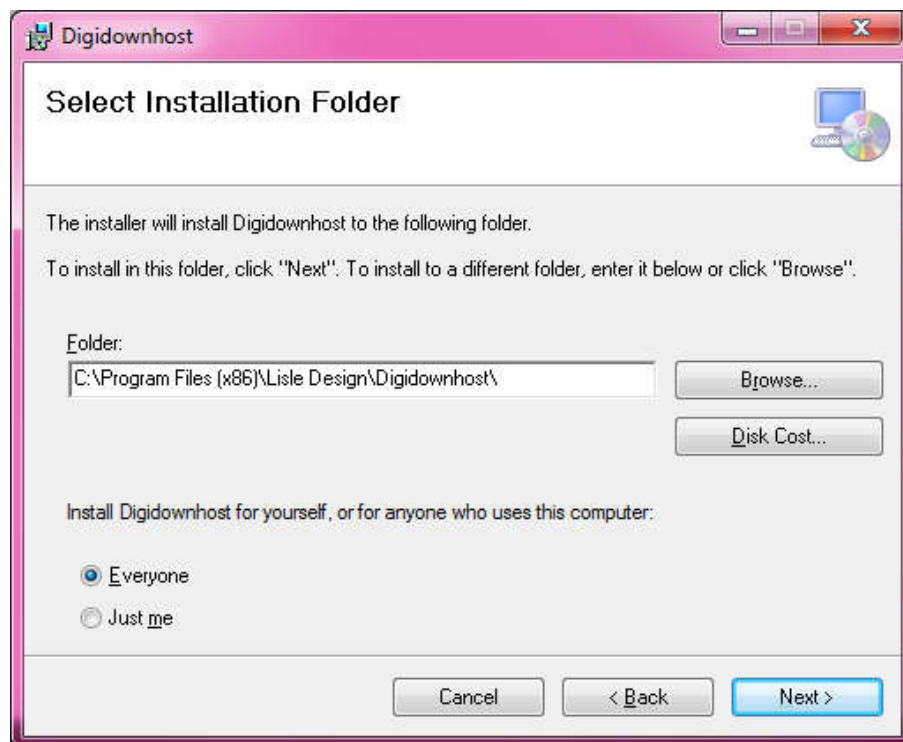


The Installer welcome screen appears.

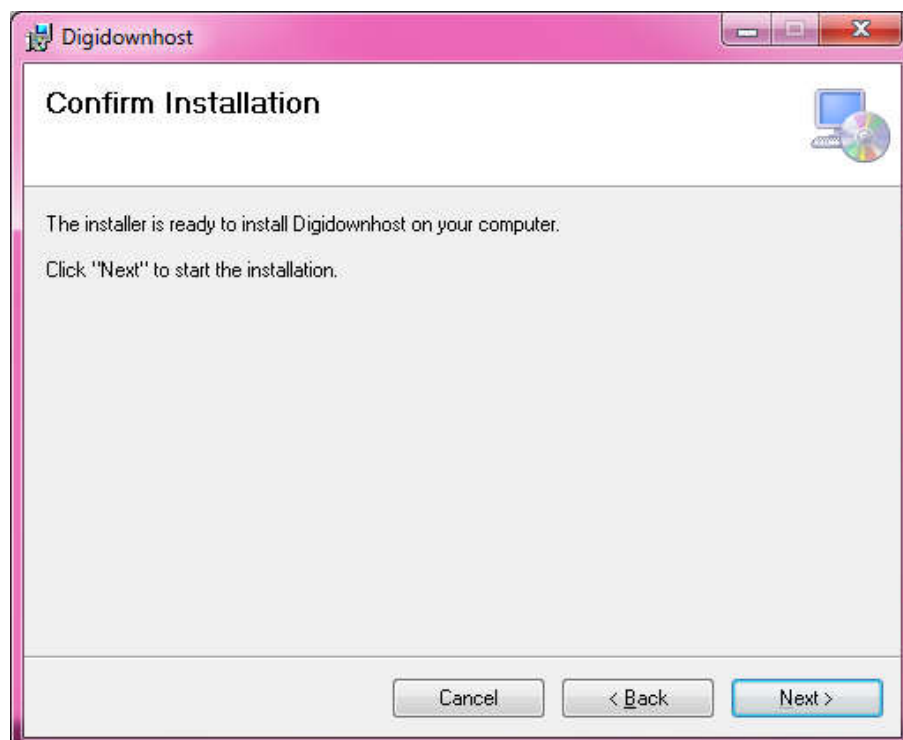


Click **Next** to continue.

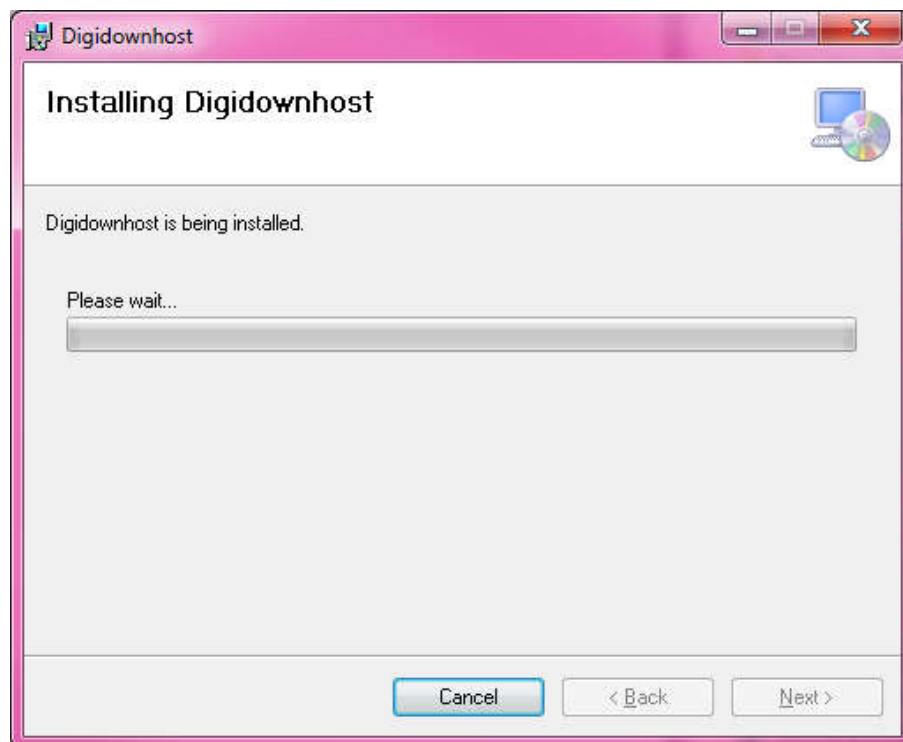
Select a destination folder for the DigidownHost application, click **Next** to continue.



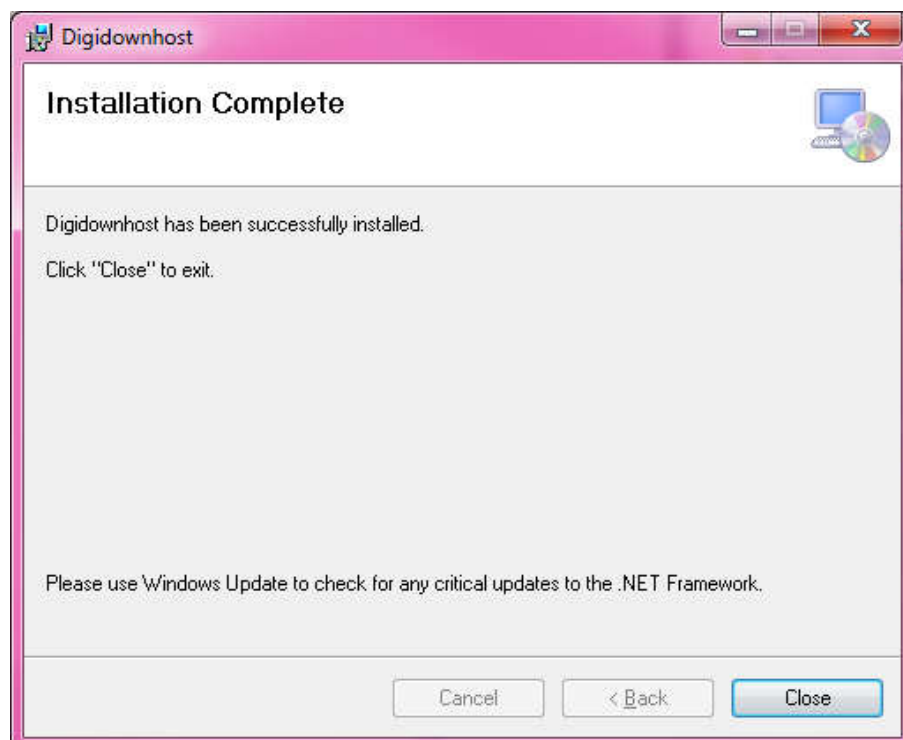
Click **Next** again.



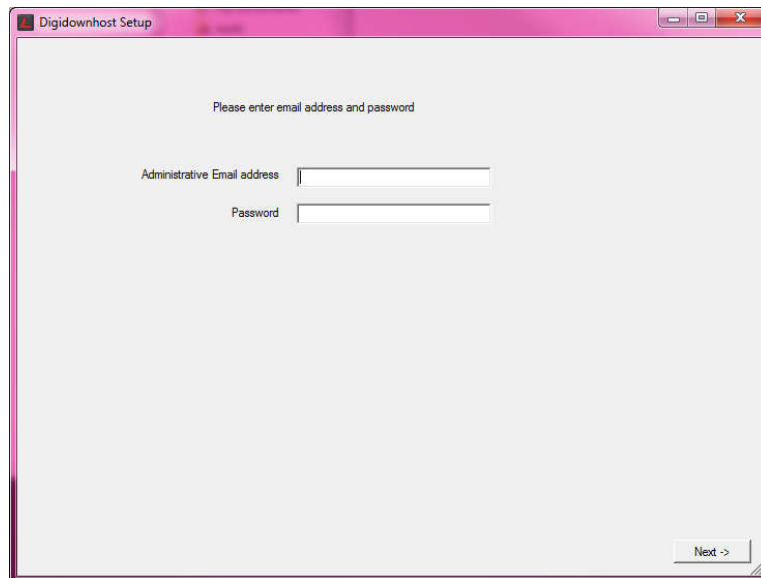
Wait for installation to complete.



Click **Close**.

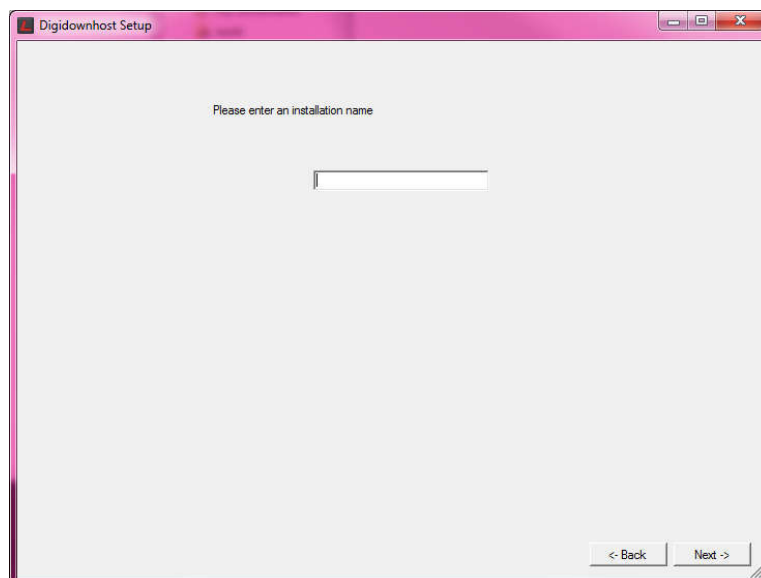


This screen will appear. Please enter an email address and password to be used when logging into the portal. Click **Next**



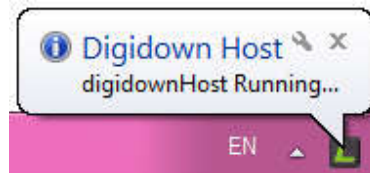
The screenshot shows a window titled "Digidownhost Setup". Inside the window, the text "Please enter email address and password" is centered. Below this text, there are two input fields: "Administrative Email address" and "Password". A "Next >" button is located in the bottom right corner of the window.

Enter an installation name.



The screenshot shows a window titled "Digidownhost Setup". Inside the window, the text "Please enter an installation name" is centered. Below this text, there is a single input field. At the bottom right of the window, there are two buttons: "< Back" and "Next >".

This notification will be shown when DigidownHost has found all cards inserted and is ready to be used.



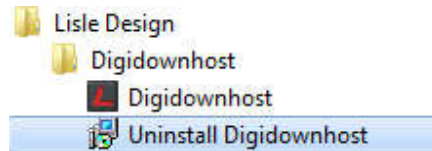
The icon is a quick indication of the online status of DigidownHost. If the icon is green as the above image shows, then the software is able to communicate with the server.

If the icon is red then this means there is a problem communicating with the server, if you see this icon then please check your internet connection. When a connection is re-established the icon will change back to green.

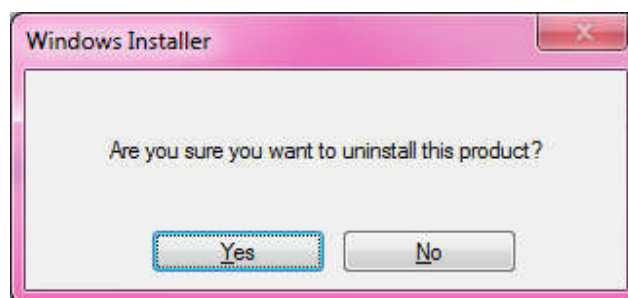


Uninstalling DigidownHost

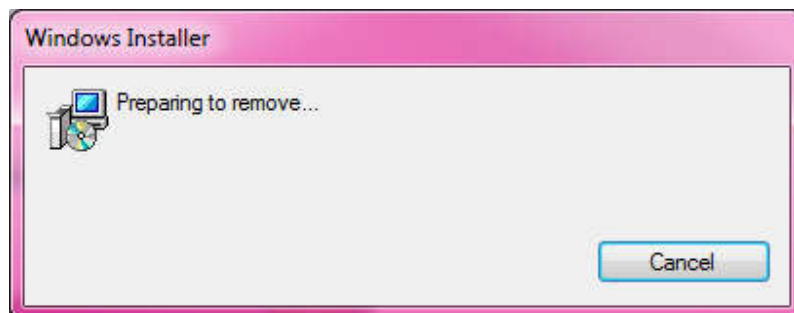
Click the Start Button ->All Programs ->Lisle Design - >DigidownHost. Find and click the UninstallationDigidown Host icon.



Click **Yes**.



Wait for the dialog to close and DigidownHost has been uninstalled.



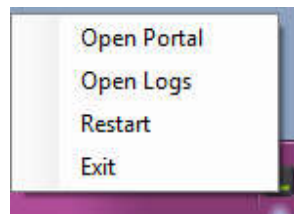
What is left behind?

- The Log.zip file will be kept for future reference.

Using DigidownHost

After DigidownHost has been set up, no further user interaction with the application is required to perform remote authentication.

Right click on the icon to access the menu.



- **Open portal** will open the online portal in your default web browser.
- **Open logs** will open the DigidownHost log folder.

Click on **Open Portal** and you will be greeted with this screen. Please enter the email address and password used during installation.



Installations linked to the administrator email address will be shown here. Clicking **Home** will take you back to this page.



Click anywhere on the box to be taken to the Companies screen. Here you will see all companies registered to your installation, including number of Digidown RDLs, drivers and cards registered to that company. Available will indicate how many company cards are inserted and not being used in a current authentication.



Click **My Account** to be taken to your Installation settings.



If you have more than one PC running DigidownHost, setting both up with the same Admin email and password will link both to your account. If different Admin email addresses have been used, click **Add installation** to be brought to this page.

A screenshot of the same web application interface as above, but with a modal form open in the center. The form is black with white text and input fields. It contains the following elements: three buttons at the top ('Add Installation', 'Edit Installation', 'Delete Installation'), followed by three input fields labeled 'Enter installation name', 'Enter admin email', and 'Enter password'. At the bottom of the form are two buttons: 'Cancel' and 'Submit'.

Enter the Installation name, Admin email and Password to add this installation. These must all be correct to add the installation.

Click on **Edit installation** to edit any installation linked to your account. Select the desired installation using the dropdown menu.



You can then change the Name, Settings, or the Admin email and password associated with this account.



Change installation name is similar to changing the company name or vehicle details, if another installation exists with that name then an error will be shown.

Change Installation settings allows you to set how long DigidownHost will wait for a new message from the DigidownT. You can also enable/disable local logging for this installation.

The image shows a web application interface with a light blue background. At the top, there are four buttons: 'Home', 'My Account', and 'Logout'. Below these, there are four more buttons: 'Change Installation Name', 'Change Installation Settings' (which is highlighted), 'Change Admin Email', and 'Change Admin Password'. In the center, a dark grey modal dialog box is open. It contains the text 'Host timeout period' followed by a text input field containing the number '360'. Below this is the text 'Logging enabled' followed by a checked checkbox. At the bottom of the dialog are two buttons: 'Cancel' and 'Submit'. A small 'X' icon is in the top right corner of the modal dialog.

Change Admin email will change the email address used to login. **Change Admin password** will change the password used to login.

Click the **X** to return to the Installations page.

Note: If you are upgrading from the older generation of DigidownHost, all cards, companies and vehicles will already be linked to your installation.

Adding, editing, or deleting a company

Along the bottom of the screen, you will notice six buttons.



- **Add company** will allow you to add a new company
- **Edit company** will allow you to edit the name and data settings linked to a selected company
- **Scheduler** will allow you to create, edit and remove download schedules for a company

Selecting **Add company** will bring up the following screen. There are a number of form items to fill in to create a company.

- **Company Name:** Name of the company to which Digidown RDLs and Company cards will be registered.
- **Company Email:** Optional field for providing companies with a login to view read-only data. Leave blank if you do not need this function.
- **Data destination:** Method by which data is sent from the RDL. Two forms of data are available from the Digidown RDL – tachograph files and realtime data. Realtime data is only available on certain upload methods. Options include:
 - **Email**
 - **FTP**
 - **Provider specific**
 - **Custom** – HTTPS upload with customizable URLs
- **Filename format:** Filename format of all downloads by Digidown RDLs registered to the company
- **Comms Frequency:** Frequency with which the Digidown RDLs will contact the server with realtime data (if enabled) and check for commands during periods of constant activity. If the activity changes on the tachograph or a driver card is inserted/removed, the unit will contact the server regardless of this setting.

Enter company name

Company Email:

Data Destination:
Email

Email Address:

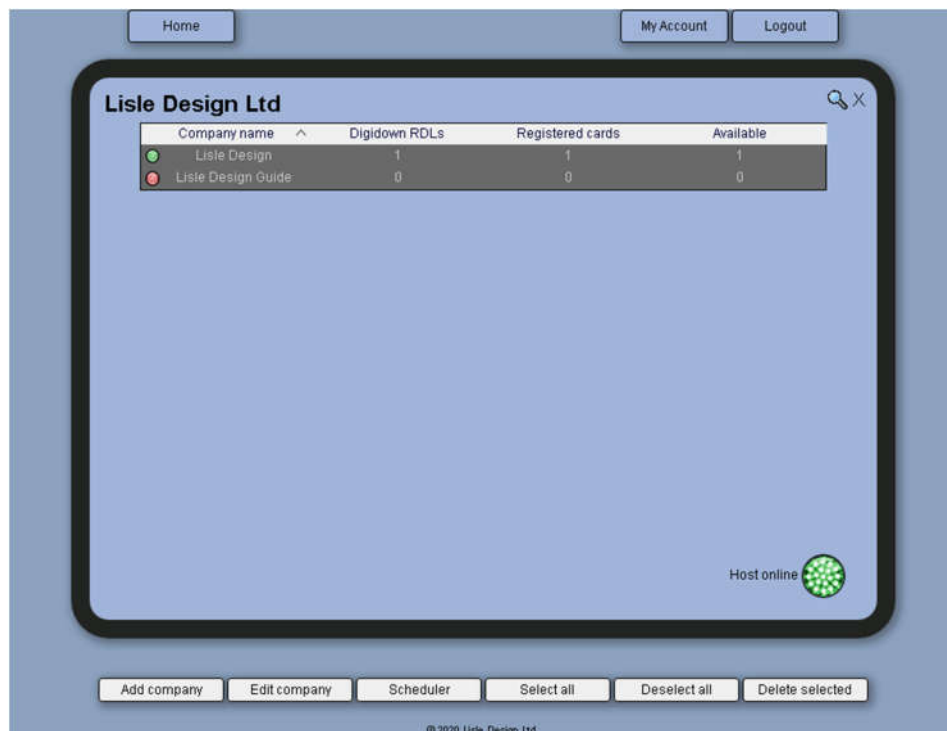
Filename format:
European (.DDD)

Comms Frequency: 5 (minutes)

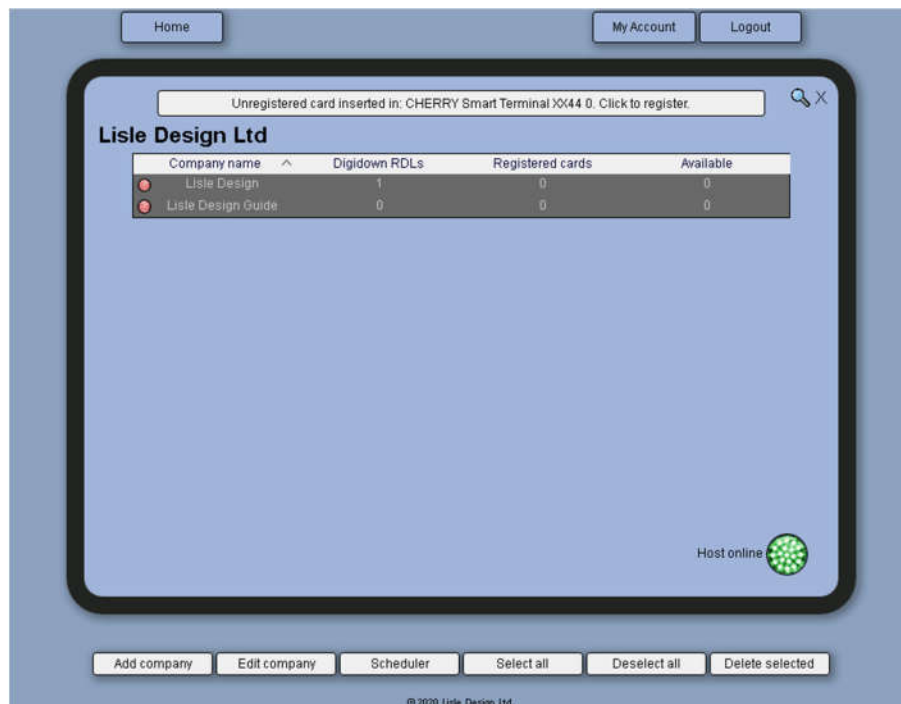
Cancel Submit

If the company is already registered to another customer, an error will be displayed and the company name can be checked for errors and retyped.

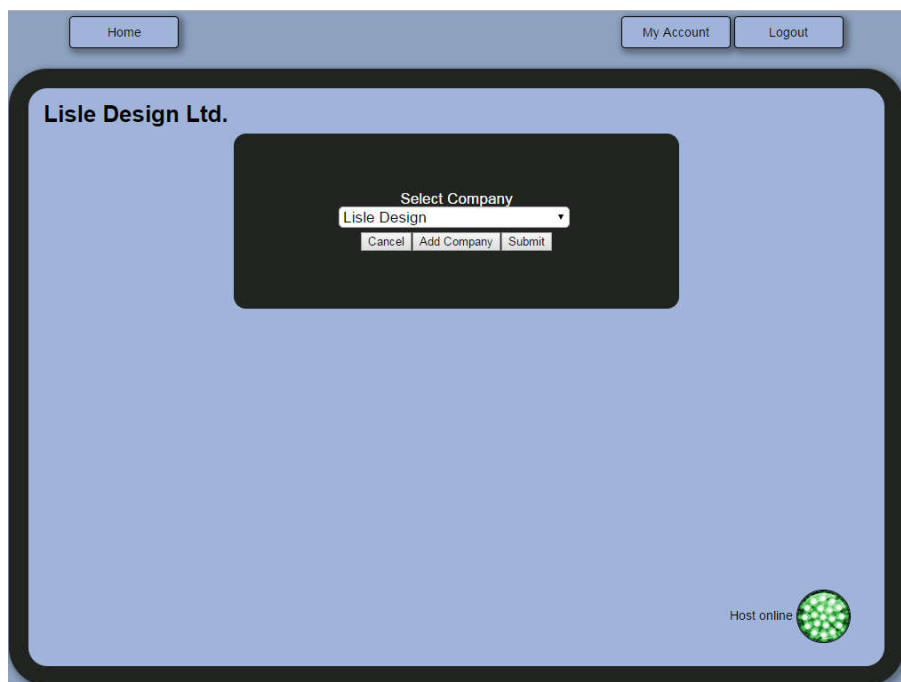
Upon successful addition of a company, the Companies page will be displayed with the new company.



At this point, please insert the card for the new company. After a few seconds the portal will be updated to show an unregistered card has been inserted. Click on the banner to be brought to the company selection screen.



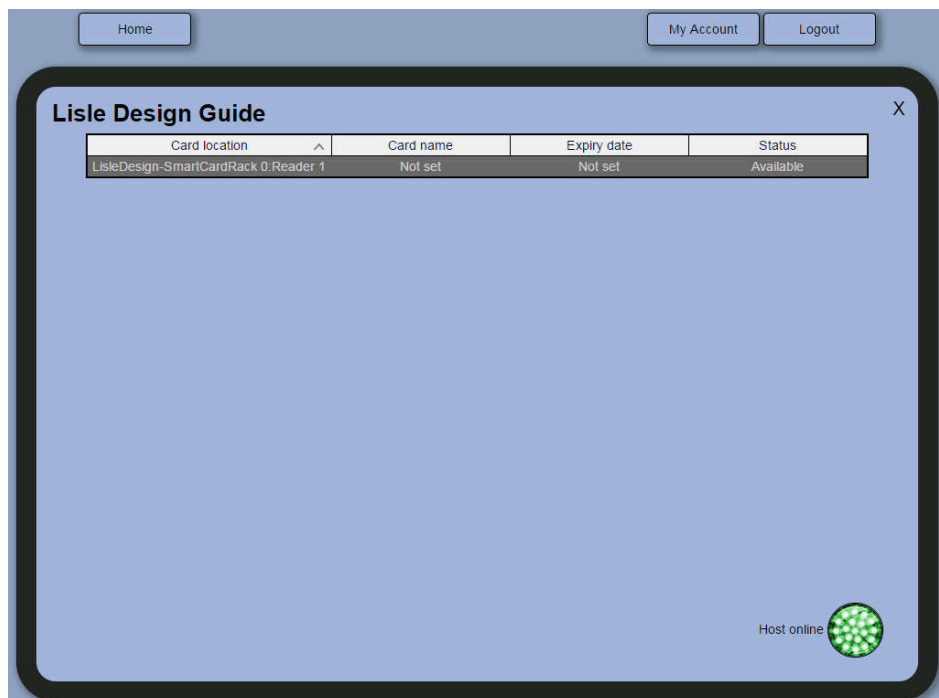
Select the company from the drop down and click **Submit**.



If the unregistered card is inserted before the addition of a company, you can add a new company from the company selection screen by clicking **Add company**. This will bring up the **Add company** screen, then create the new company and associate this card with that company.

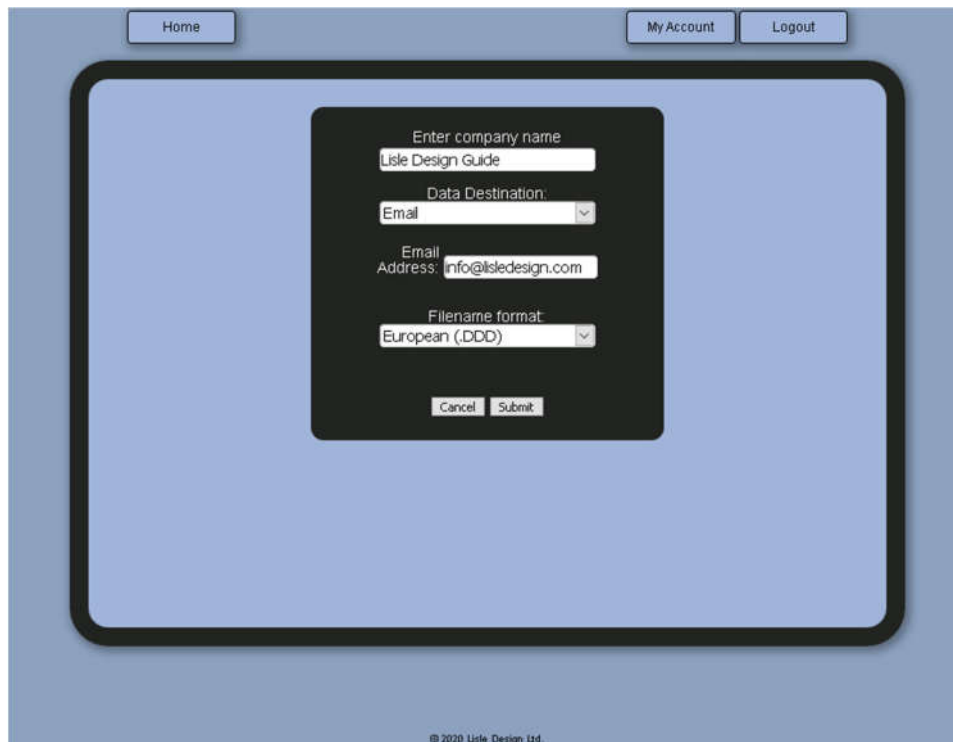
If more than one unregistered card has been inserted, a warning will be displayed showing the number of unregistered cards inserted.

After submit has been clicked, the card page will be displayed. This shows which card reader the card is in and the status of the card e.g. Available, Authenticating, or unavailable when the card is not inserted or has failed. The Card name and Expiry date will be set after the first successful authentication using that card.



Click on a company name to select that company. The company can then be edited or deleted.

Click on **Edit company** to bring up a form with the current Company settings prefilled.



The screenshot shows a web application interface with a light blue background. At the top, there are three buttons: 'Home', 'My Account', and 'Logout'. In the center, there is a dark grey modal box with a black border. Inside the modal, the form is titled 'Enter company name'. It contains the following fields: a text input for 'Lisle Design Guide', a dropdown menu for 'Data Destination' with 'Email' selected, an 'Email Address' label followed by a text input containing 'info@lisleddesign.com', and a dropdown menu for 'Filename format' with 'European (.DDD)' selected. At the bottom of the modal are two buttons: 'Cancel' and 'Submit'. At the very bottom of the page, below the modal, is a small copyright notice: '© 2020 Lisle Design Ltd.'

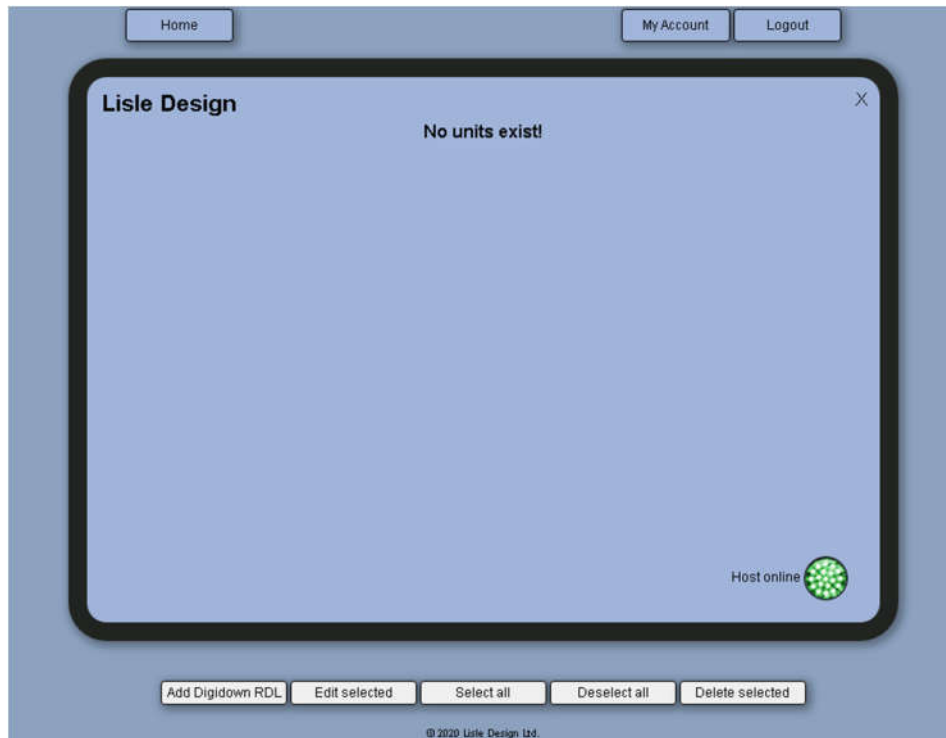
After changing the company details, click **submit**. As with the Add company screen, an error will be shown if the new Company name already exists. You will be returned to the Companies page and a completion message will be shown if the edit was successful.

While a company is selected, click delete selected to remove the company, Digidown RDLs, drivers and company cards from your installation.

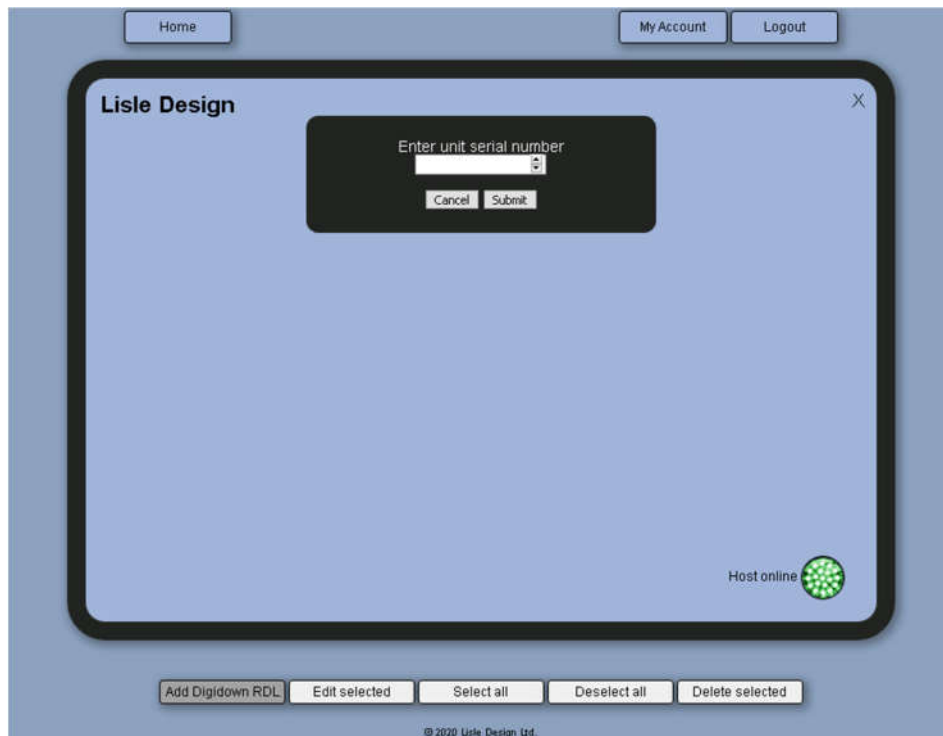
Click the **X** in the corner to return to the companies page.

Adding or deleting Digidown RDLs

Click on the number of Digidown RDLs to be taken to the Digidown RDLs page. If this is a new company then a message will be displayed as there will be no units.



Click **Add Digidown RDL**. A form will be displayed where you can enter the unit's serial number.



As with the Add, and Edit company pages, an error will be shown if the unit is already registered to another company. After the successful addition of a Digidown RDL, you will be taken back to the Digidown RDL page where you can see the newly added unit.



If the unit has not been connected to a live vehicle yet, the vehicle details (VRN, VIN) will be empty and the unit will show as offline. Once the unit is powered on in a live vehicle, the vehicle details will update. Clicking on the VIN of a unit in a vehicle will open the Digidown RDL Data screen which shows the latest data available from the unit.

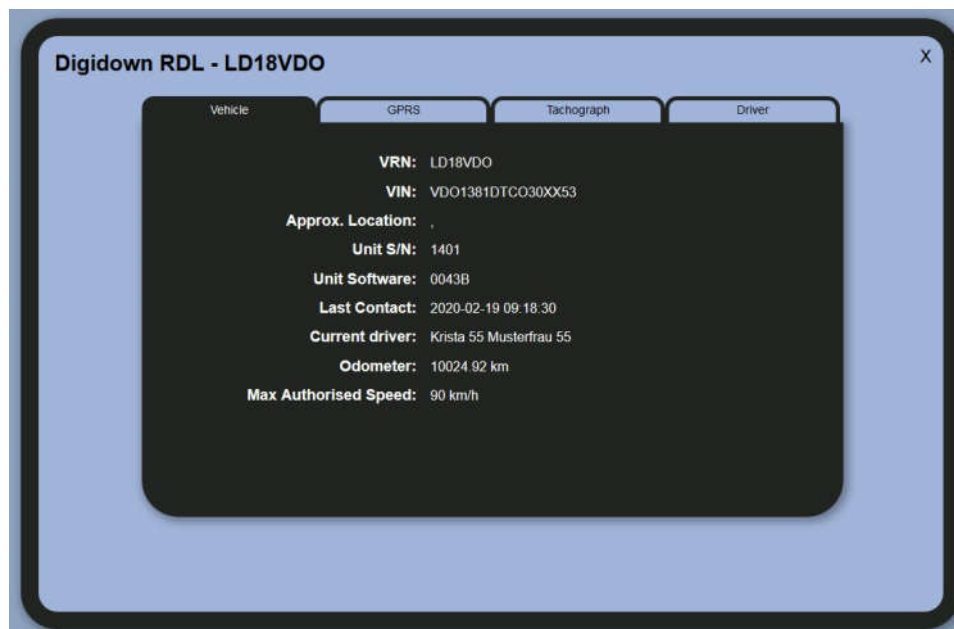
Units can be removed from the company by clicking the status light or VRN to select the unit and then pressing the 'Delete selected' button.

If the DigidownRDL is idle and available, a VU download can be requested by clicking the download button next to the vehicle. The status column reports the last known status of the DigidownRDL (e.g. authenticating, download card, downloading vu, available, offline).

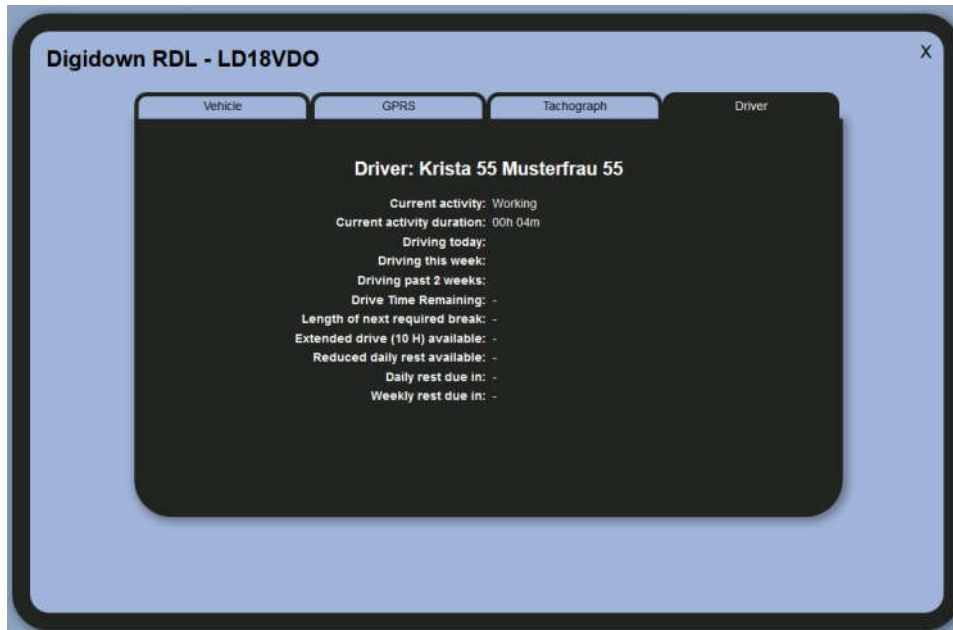
Click the **X** to go back to the Companies page.

Digidown RDL Data

Click on the VIN of a Digidown RDL to view the latest data available from the unit. The data is split up into 4 different tabs: **Vehicle**, **GPRS**, **Tachograph**, **Driver**. Note that the driver tab will only be displayed if the unit is live and there is a driver card in the tachograph.








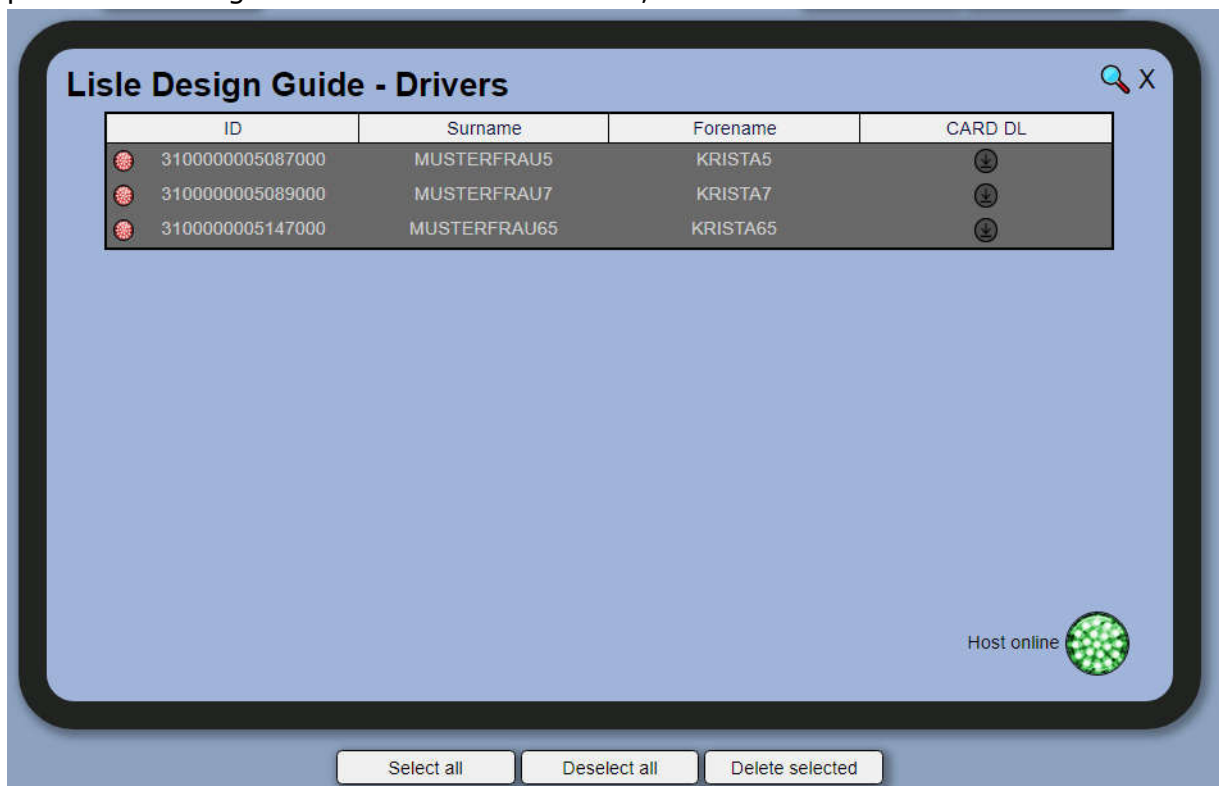
Click the **X** to go back to the Digidown RDLs page.

The Drivers page




When a DigidownRDL detects a driver card in a vehicle's tachograph which has been registered to a company on DigidownHost, that driver will automatically be added to the Drivers list for that company. This list is displayed on the Drivers page which can be accessed by clicking on the number of drivers for a company on the Company page.


Lisle Design Ltd					🔍 X
Company name ^	Digidown RDLs	Registered cards	Available	Drivers	
 Lisle Design Guide	1	1	1	2	

From the Drivers screen, detected driver cards can be deleted if necessary, and provided the DigidownRDL is online and idle, the cards can be downloaded.



Lisle Design Guide - Drivers

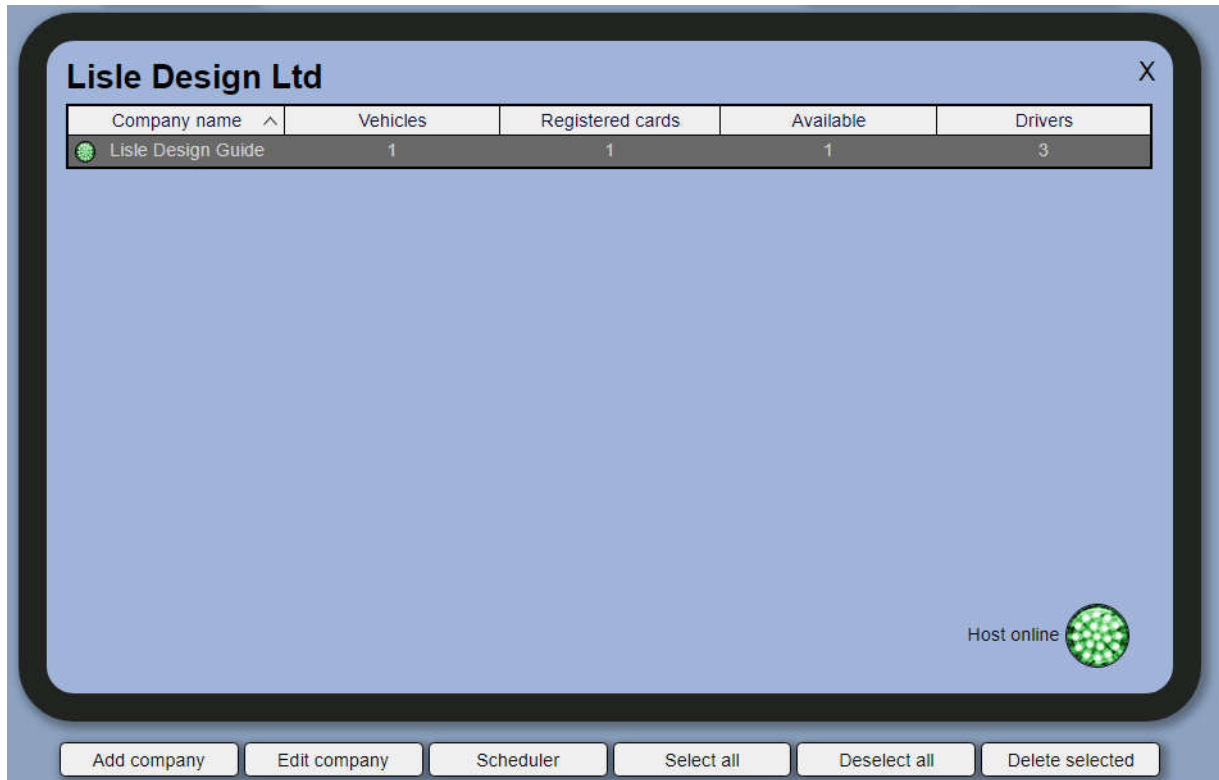
ID	Surname	Forename	CARD DL
3100000005087000	MUSTERFRAU5	KRISTA5	
3100000005089000	MUSTERFRAU7	KRISTA7	
3100000005147000	MUSTERFRAU65	KRISTA65	

Host online 

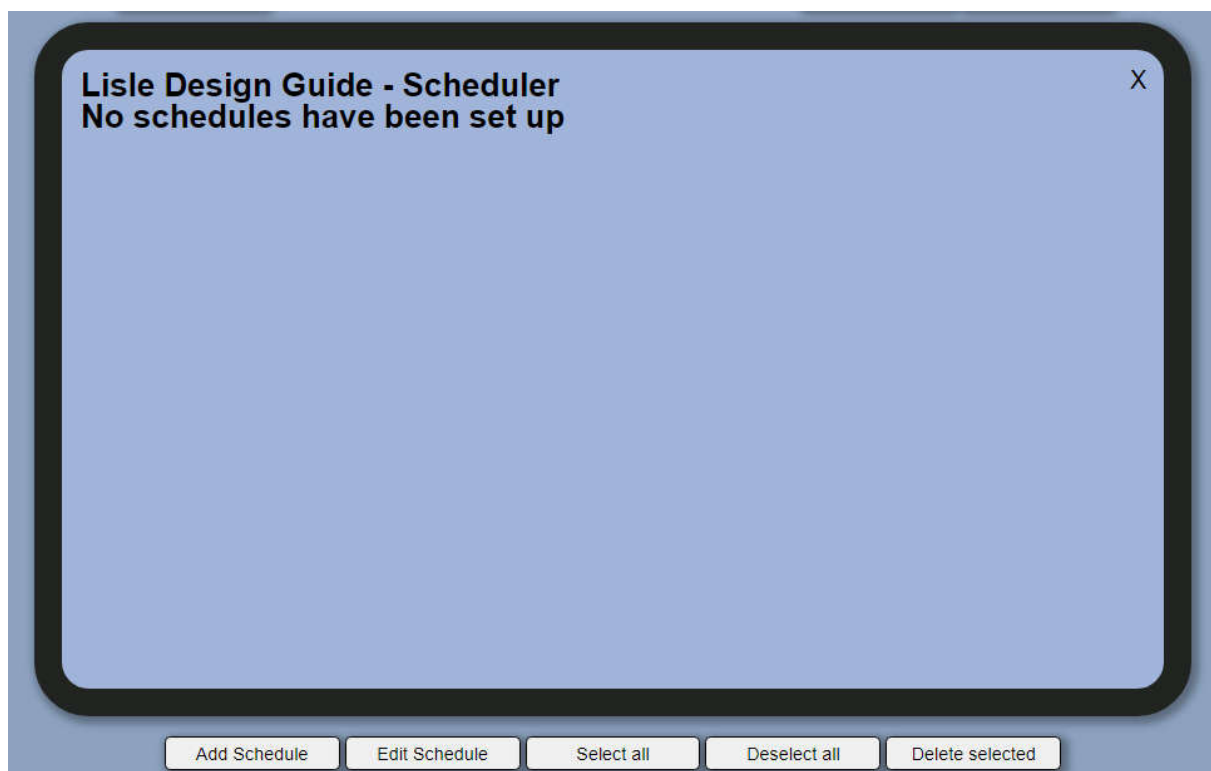
Select all Deselect all Delete selected

The Scheduler

The scheduler will appear as an extra button along the bottom of the companies screen.






Selecting a company and clicking on the Scheduler button will take you to the Scheduler screen where you can setup multiple schedules which will automatically be applied to any vehicles or drivers associated with the company.



Schedules can be setup to authenticate, download vu, or download driver cards. Schedules can be carried out on a daily, weekly, or monthly basis. Note that there is a limit of one driver card schedule per company.

The Status LEDs

The Status LEDs have 3 states:

-  The Green LED next to a function indicates that it is enabled and working correctly.
-  The Yellow LED next to any enabled function in a warning state will be Yellow.
-  The Red LED next to a function indicates that it has encountered a problem.

When Online Remote Authentication is taking place and DigidownHost is communicating with a phone running DigidownApp or a DigidownT via DigidownNet and a company card in the connected card reader, the Remote Authentication and the Online Status LEDs will flash.

For each installation, a small box will show the name, version, card status and host status. In the top right corner there is a restart and shutdown button for that installation.

If all registered cards are inserted and the host is online then both LEDs will be green.



If a previously registered card is missing, the Card status LED will turn yellow and give a warning.



If no cards are inserted, the Card status LED will turn red and give a warning.



If an unregistered card is inserted, the Card status LED will turn yellow.



If any cards are missing then that warning will take priority over any unregistered cards.

If no cards have been registered to any companies, the status LED will turn red.



When DigidownHost is offline, both status LEDs will be red.



While DigidownHost is performing a remote authentication, the status LEDs will flash. The Card status LED will flash in whichever colour corresponds to the message.



The host status LED is shown on the installation, companies, vehicles, and cards pages.

On the companies page, you will notice a small status LED beside each company name.



The company status LEDs are similar to the card status LEDs: Green means all is well, yellow means a card is missing, and red means all cards are missing or there are none registered. These will also flash if a vehicle registered to that company is authenticating.

The Log Folder

The log folder contains the log files which DigidownHost creates during operation and can be accessed via a short cut which is created in the application folder during installation.

While DigidownHost is running all information recorded in the Diagnostic window is written to a log file.

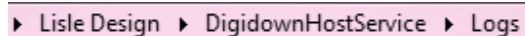
An example log file name is: Log 2017-01-0117-00-05.log

The numbers represent the year, the month, the day, the hour, the minute and the second at the time the log was created. So the above example was created on the 1st of January 2017 at 17:00:05.

A new log file is created whenever the DigidownHost software is launched.

When DigidownHost is closed down, it compresses the new log file to an archive called Log.zip, which is also kept in the log folder. DigidownHost also creates a new log file and archives the old one at midnight.

To access the log folder, right click on the DigidownHost icon on the taskbar, then click Open Logs. To access the .zip file go up a directory by clicking DigidownHost Service in the explorer address bar.



► Lisle Design ► DigidownHostService ► Logs

Troubleshooting

Under Windows 7 Setup Wizard does not recognise that card reader is connected

Close DigidownHost, disconnect the card reader, insert card into the card reader if it is not already and reconnect the card reader. Waiting for windows to finish trying to install the card then restart DigidownHost.