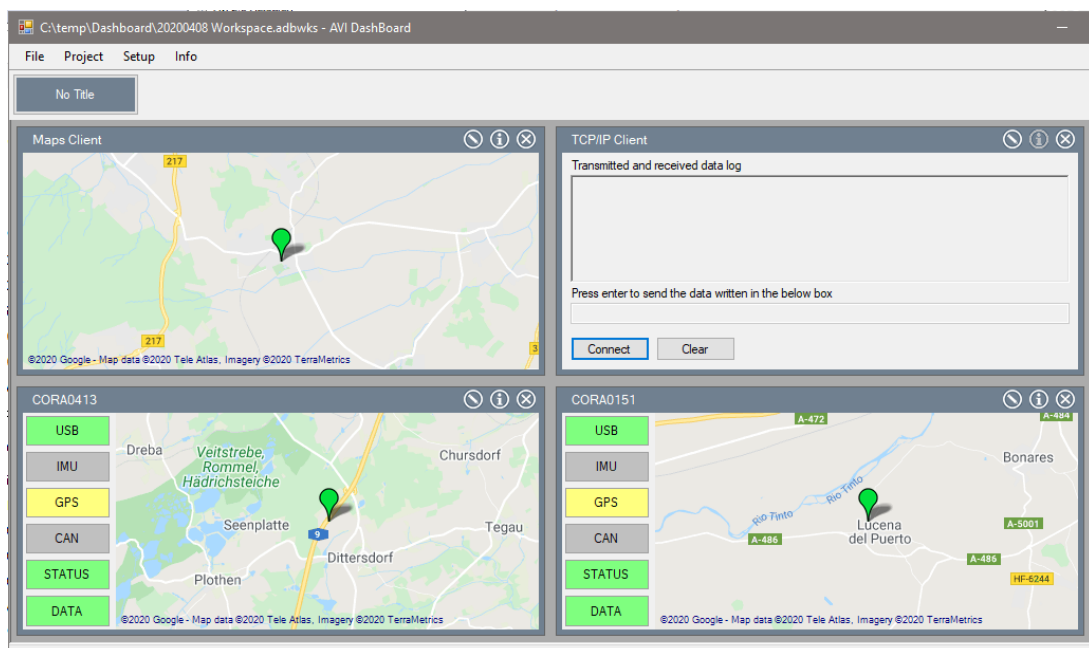




## Avisaro 4.0 Product Series

# User Manual “Avisaro Dashboard Software”

Version / Date: 2022/02/22



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## 2 THIS DOCUMENT

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### 2.1 HISTORY OF CHANGES

The document version equals the document date in the format yyyy.mm.dd.

Version	Description
2022/02/22	Added CORA section
2021/06/14	Multiple additions and first public release
2021/05/02	Initial version extracted from existing documents

### 2.2 AUDIENCE

Intended reader of this document are technical personnel installing, configuring and using the Avisaro device.

### 2.3 LOCATION

Check for the latest document version the following link:

Link: [https://www.avisaro.de/files/Avisaro/40\\_Docu/Avi-Dashboard-Software.pdf](https://www.avisaro.de/files/Avisaro/40_Docu/Avi-Dashboard-Software.pdf)

### 2.4 LANGUAGE VERSIONS

This document is available in English language only.

### 2.5 OTHER DOCUMENTS

“Technical User Manual 4.0” contains all of this and more information.

Link: <https://www.avisaro.com/en/40-ENG-Documentation.html>

### 2.6 ACTIVE LINKS

This PDF contains active links. By 'clicking', e.g. in the table of contents, you can get to the appropriate paragraph or by 'clicking' on the "Go to:" in the header you can get back.

### 2.7 DOCUMENT CREATION

This document was created using the “Avisaro Document Builder”. Single text blocks are merged into targeted documents. Thus, text blocks can be reused in several places, yet no need to update them manually when changes occur.

We point this out because:

Advantage is that compact and targeted documents are available. Disadvantage is that in rare occasions, a paragraph might have comments which do not fit to 100% in the place it is used.

## 2.8 IMPRINT AND CONTACT

This document is provided by:

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Germany

Web: [www.avisaro.com](http://www.avisaro.com)

Email: [info@avisaro.com](mailto:info@avisaro.com)

## 3 AVISARO DASHBOARD SOFTWARE

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### 3.1 INTRODUCTION

The “Avisaro Dashboard Software” is a software packaged provided by Avisaro. It contains a numerous set of “Tiles”. Each “Tile” provide a well defined functionality. Some Tiles are free of charge when used with Avisaro products, while other Tiles require a license to be used. Check the Tile description for details.

### 3.2 TILES

This document describes only the Tile relevant for the application in focus.

Please refer to the “Avisaro Dashboard Software” user manual for details on all tiles available.

### 3.3 DOWNLOAD

The software framework can be downloaded:

German site: <https://www.avisaro.de/de/40-PC-windows-visualisierung.html>

English site: <https://www.avisaro.com/en/40-PC-windows-visualisierung.html>

### 3.4 INSTALLATION

The software is designed to be installed and operated by a System Administrator. Thus, this manual assumes a good understanding of PC and network technology.

The Dashboard Software comes in two installation options:

- “Direct Start” – the executable can be called directly, no installation required.
- “Install” – the software is installed using the Microsoft installer.

### 3.5 HOW TO USE THE FRAMEWORK

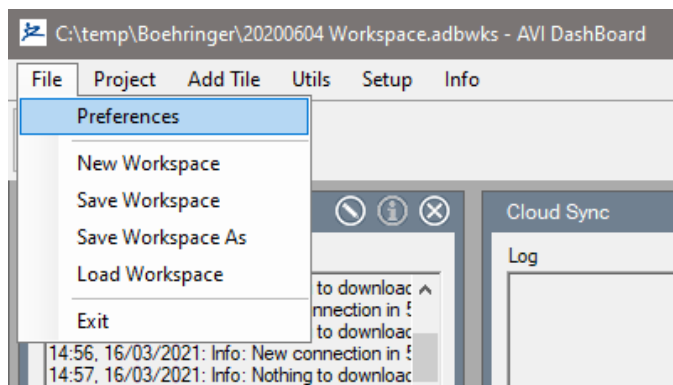
The “Avisaro Dashboard Software” framework provides a couple of configuration settings which are described here.

### 3.5.1 Preferences

Preferences are found in “File->Preferences”

The preferences are divided into:

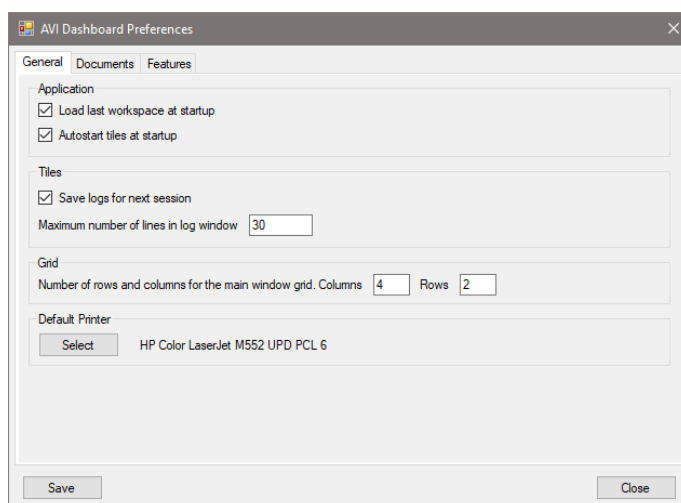
- General
- Documents
- Features



#### 3.5.1.1 General

In this section, the settings on how many tiles are displayed are found.

Define also whether or not to load the last preferences.

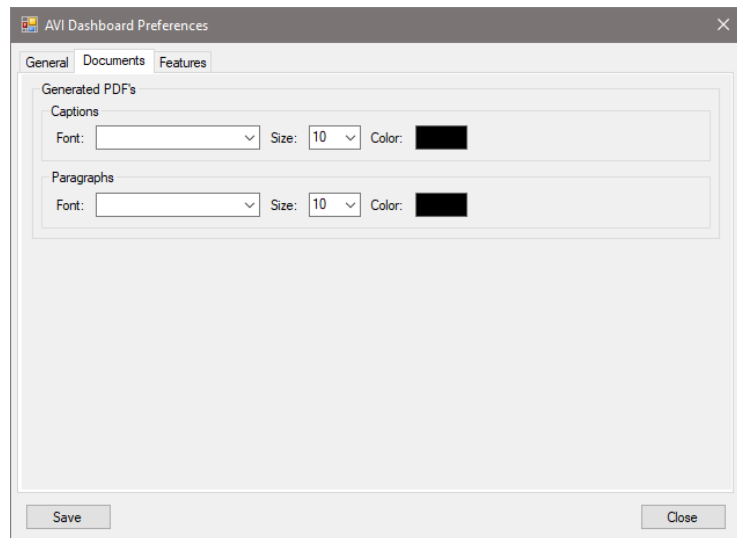


In detail:

Section	Field	Documentation
Application	Load last workspace at startup	Descriptor says it all
	Autostart tiles at startup	Descriptor says it all
Tiles	Save logs for next session	Event messages are stored such that they show up when app is restarted
	Maximum number of lines ..	Declares how many lines are stored in the event log
Grid	Number of rows and columns .	Declares how the tiles are stacked in a multi tile setup
Default Printer	<Select>	Select the default printer – for some tiles, an individual printer can be defined.

### 3.5.1.2 Documents

Define character font and size, as well as color for the text used in the reports.

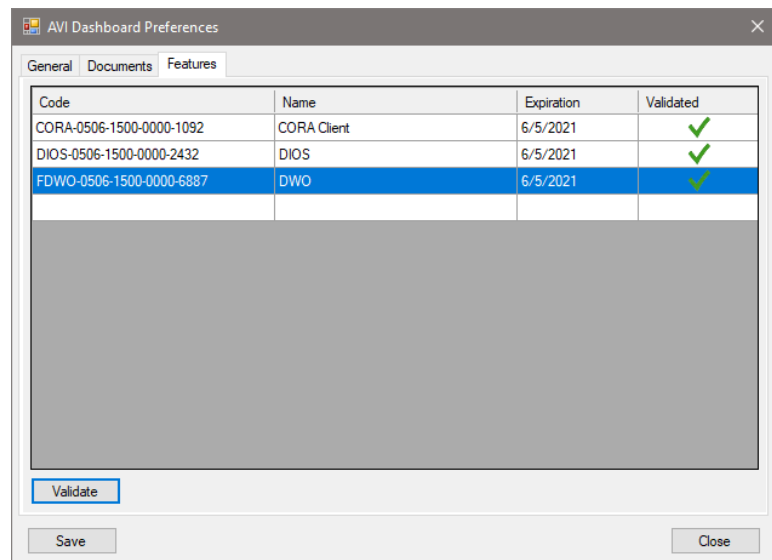


### 3.5.1.3 Features

Some features / tiles need a license to operate. This is either a commercial license or to protect intellectual property.

Contact Avisaro AG to acquire a license.

How to install a license is described in the "Avisaro Dashboard Software" user manual.



## 4 TILE: COLLECT AND STORE

### 4.1 REQUISITES, SOFTWARE VERSION AND LICENSE

#### Requisites:

Avisaro data logger with network interface (LAN or WiFi).

There is a set of already supported lab equipment. Please contact Avisaro if your equipment is not listed. Typically, a lab device can be added within the Avisaro support free of charge within a reasonable amount of time. Avisaro will give you advance feedback in case your lab device needs to handle differently.

#### Software and Firmware versions:

“Avisaro Dashboard Software” needs to have version of 1.1 or higher.

Avisaro data logger needs to have a firmware version of 2.56 or higher.

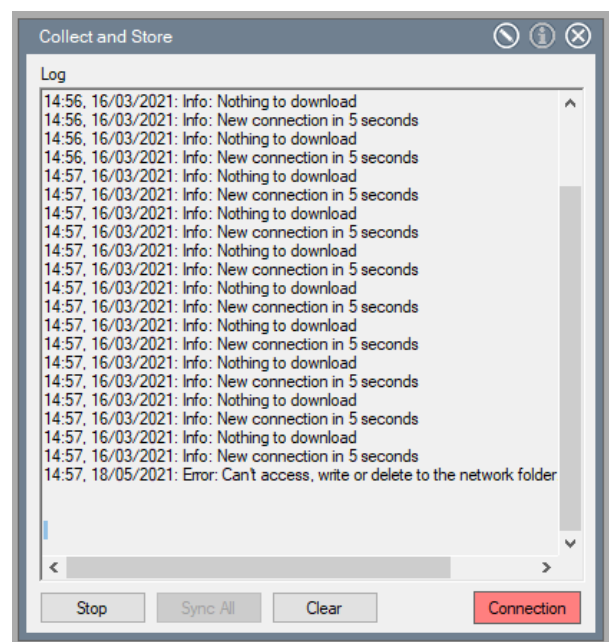
#### License:

This Tile is free of charge when used with Avisaro devices.

### 4.2 OPERATION

Once installed, the operation is autonomous. No user interaction is required.

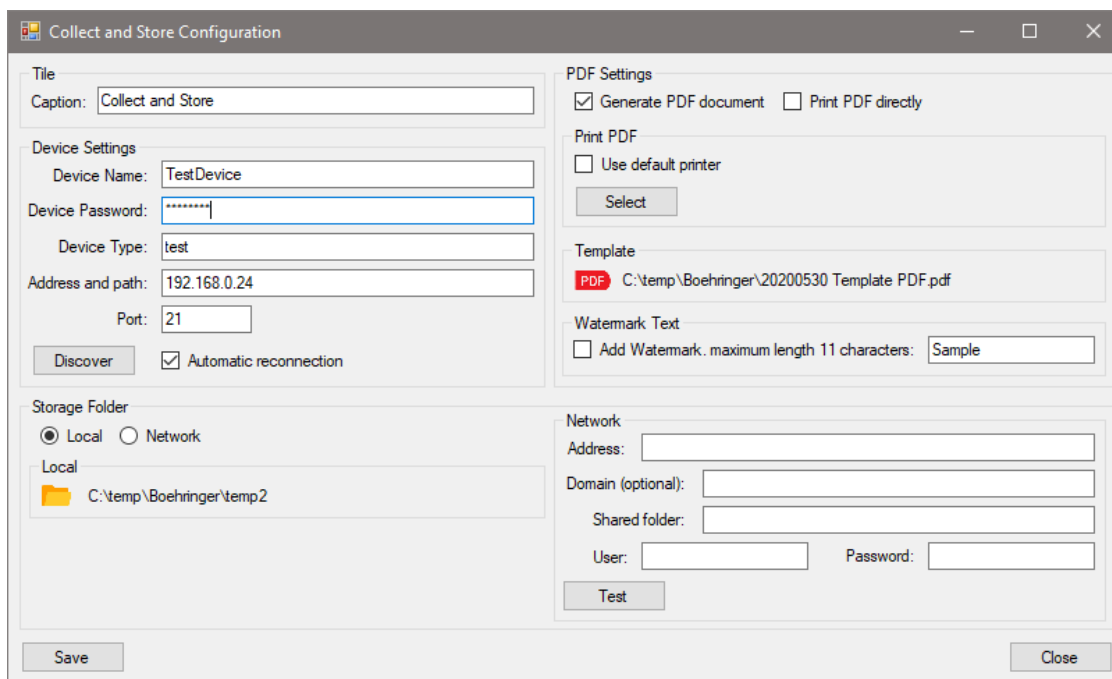
The Tile presents a log which documents all operations.





### 4.3 SETUP

The setup page of the “Store&Collect” tile is described here.



Entry box / selection box	Valid arguments	Description
<b>Tile</b>		
Caption	Text	Name of this tile
<b>Device Settings</b>		
Device Name	Text	This name corresponds to the name entered in the Avisaro Data Logger
Device Password	Text	This password corresponds to the password entered in the Avisaro Data Logger
Device Type	Selection Box	Select here the Lab-Equipment which is connected to the Avisaro Data Logger. This setting defines the formatting of the report.
Address and path	IP Address	The IP address of the Avisaro Logger if it has a static address. There is also a discovery mechanism if dynamic addresses are used.
Port	Number	Valid port number
[Discover]	Function	Opens up a dialog box to define automatic discovery of Avisaro Devices
[automatic reconnect]	Yes/no	In case of connection loss, the connection should be established again. Recommended: Yes

### PDF Settings

[Generate PDF document]	Checkbox	Choose whether to generate a PDF document
[Print PDF directly]	Checkbox	Choose whether to print this PDF document directly
[Use default printer]	Checkbox	Choose this if the Windows default printer should be used
[Select]	Function	Choose a different printer
Template	Selection	Select a PDF template. The reports are printed on this template
[Watermark]	Text	This text is printed as a watermark on the report

### Storage Folder

Local / Network	Radio button	Choose whether or not data should be stored on a local drive or a NFS network drive
Local	Path	Path to the local storage place
Network: Address	Address	Credentials of NFS server
Network: Domain	Domain	
Network: Folder	Path	
Network: User/Pass	Text	
[Test]	Function	Verify that entered credentials are valid

## 5 TILE: CORA STATUS AND TRACKING

### 5.1 REQUISITES, SOFTWARE VERSION AND LICENSE

#### Requisites:

Customer specific data logger and suitable infrastructure.

#### Software and Firmware versions:

“Avisaro Dashboard Software” needs to have version of 1.3 or higher.

Avisaro data logger needs to have a firmware version of 2.56 or higher.

#### License:

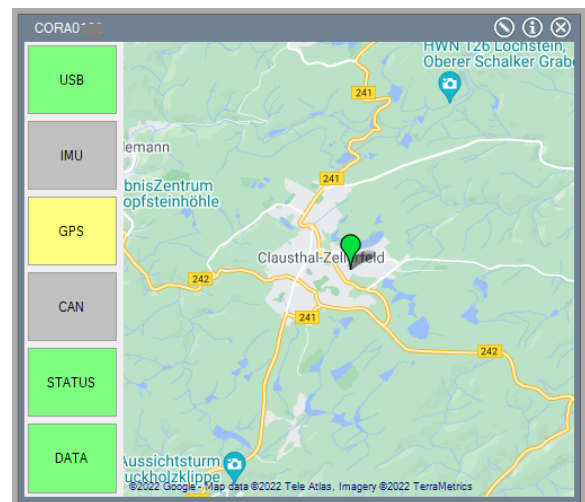
This Tile is available to selected customers only.

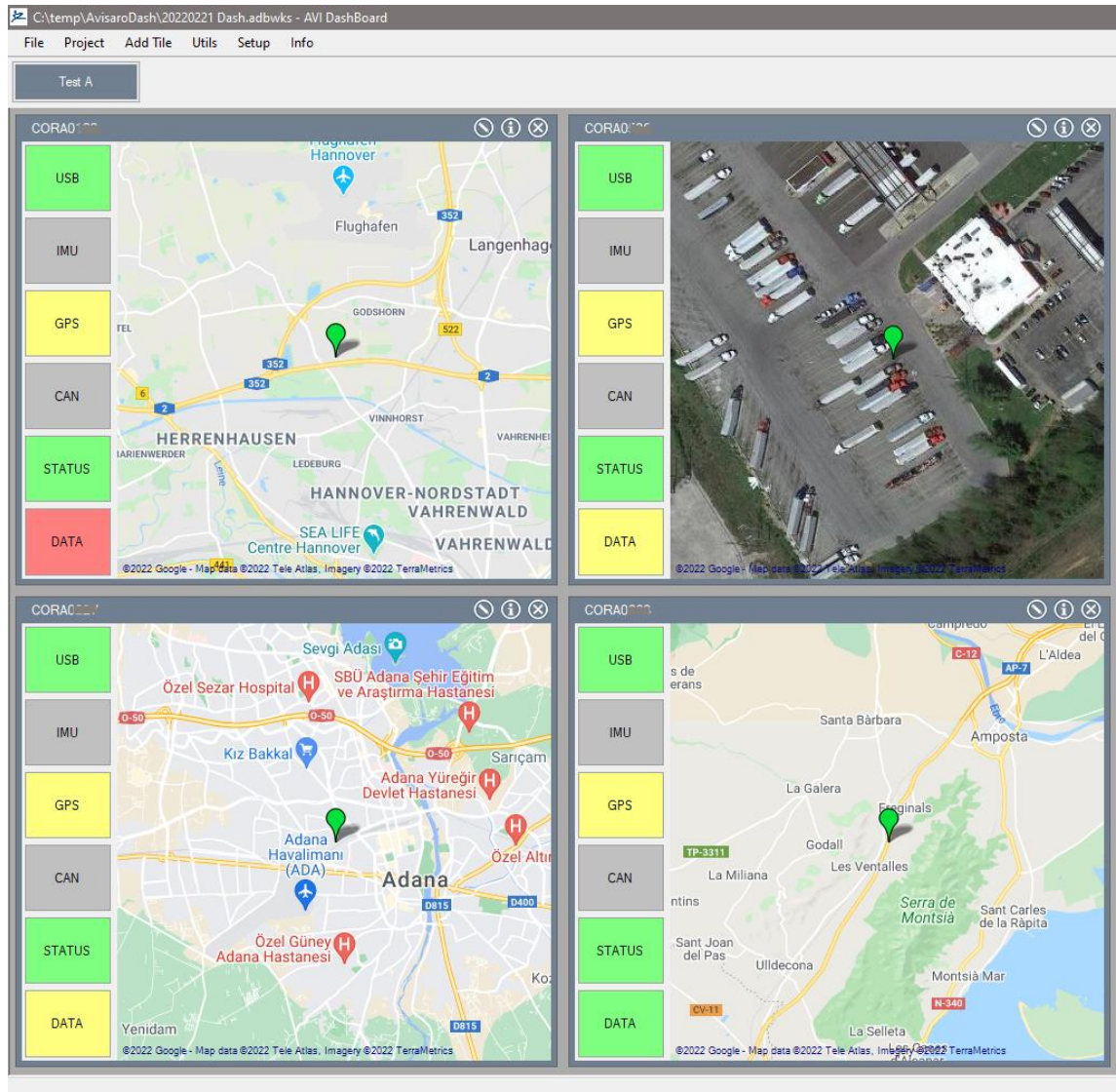
### 5.2 OPERATION

The “CORA Status” tile displays GPS position and other status information in an easy to grasp graphical manner. One CORA data logger per tile. Several tiles can be initiated and grouped into project levels.

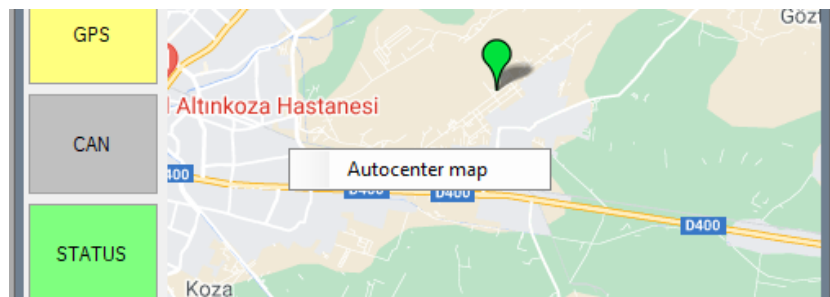
Once installed, the operation is autonomous. All status information are updated on a regular base. No user interaction is required.

The picture to the left shows one tile, below a group of 4 tiles is shown. There are two projects pages “Test A” and “Test B” for demonstration purpose.






Tiles update automatically. You can move and zoom the tile as you like. To keep the map centered at the position of the vehicle, use the “Autocenter map” command. Access “Autocenter” by right-click into the map and than select “Autocenter map” with the left click.



### 5.3 SETUP

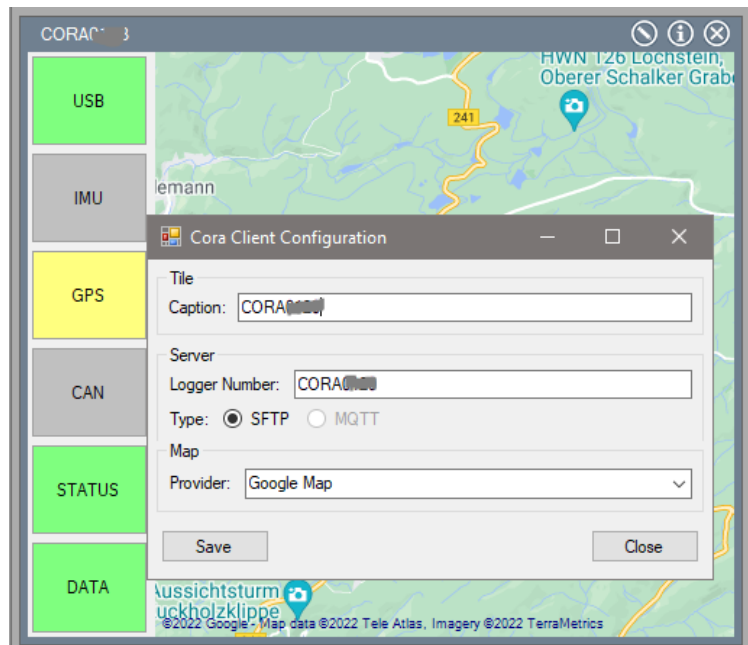
Using the setup button () , the CORA logger to be displayed can be defined.

**Caption:** Defines the title of the tile – a good example would be to enter the license plate of project number for this vehicle.

**Logger Number:** Enter the logger name. This has to be in the form of “CORAx” with xxxx being a four digit number.


**Type:** currently, only the SFTP is support. Thus, position data are updated every hour by the data logger

**Provider:** Please select Google “Maps” or “Satellite” for best results.



### 5.4 DEBUGGING

In case of malfunction, there is a debug window to gather technical ‘behind the scene’ information.

Click on  to invoke the debug window. Click again to hide it.



## 6 CONTACT AND SUPPORT

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Please contact Avisaro if there are any questions:

Avisaro AG  
Grosser Kolonnenweg 18 E  
30163 Hannover  
Germany  
Email: [support@avisaro.com](mailto:support@avisaro.com)

End of this documentation