

uemis CONNECT: Synchronisation of the SDA with myUemis

1 What is myUemis?

In myUemis, your private area on the Internet portal www.uemis.com, you can visualise your dives, manage your database and transfer data from uemis DiveWorld to the SDA.

We take data security very seriously. Only you are able to access your myUemis database and the logbook containing your dives. You may publish dives so that the details can be shared with your friends or with other members of uemis DiveWorld.

2 Requirements

The requirements for connecting your SDA with the myUemis Internet portal are as follows:

- A user account at www.uemis.com or membership of uemis DiveWorld at www.uemis.org.
- A computer with a free USB 2.0 socket and a functioning Internet connection
- A web browser in which JAVA is installed and enabled
- Detailed information on this subject can be found on our website at <http://www.uemis.com/de/support/faq/sda>.

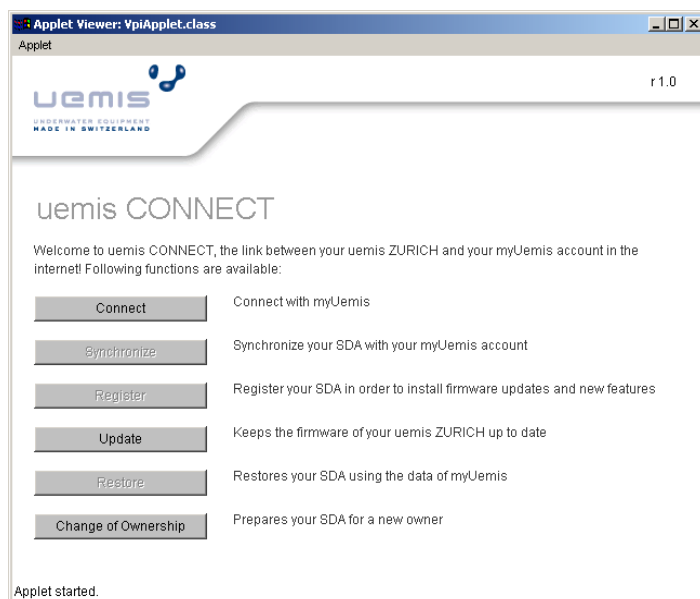
3 Connecting the device and starting the application

Connect the USB cable of your SDA to a free USB socket on your computer. A new removable drive icon with the name "SDA" is then created in "My Computer" and normally a new window will open. With a double click, open the file SyncSDA.html. The browser will open the window shown in the illustration below.

4 Disconnecting the device

Important: Please always use the "Safely Remove Hardware" function to log the SDA off from the PC before you unplug the USB cable.

5 Functions of uemis CONNECT



5.1 Connect

This established a connection between your SDA and myUemis. This must first be carried out in order for you to be able to access all of the functions. The connection between the SDA and myUemis is protected through multiple security layers. The transmission of private data is encrypted.



If it is not possible to establish a connection please check all cable connections and your Internet connection and then try again.

Following an unintended interruption to the connection it can take up to 60 minutes before the device is able to re-establish the connection.

5.2 Register

Registering your SDA allows you to install firmware updates, install new functions and synchronise the data stored on the device with your myUemis account.

For this you will need a myUemis account or uemis DiveWorld account which you can set up at <http://www.uemis.com/de/user/register>.

In order to identify yourself to myUemis, your myUemis or uemis DiveWorld user name and password are required. Please note that the user name and password are case sensitive and that you must enter exactly the same information you used when you created your user account. Registering the device takes only a few seconds.



Device registered successfully.

Your SDA is immediately displayed in the "My SDA" area of myUemis. This means that you are now registered as the owner of the device. Afterwards, please complete your account and profile details in myUemis.



Device is already registered to another user.

This message appears if the registration information stored in the device does not correspond with that in myUemis. Normally this indicates that the device has a new owner. In such cases proceed as described in section 5.6.

5.3 Synchronise

During synchronisation, data and dives stored on your SDA are compared with the data stored in your private area of myUemis. In myUemis you can visualise your dives, manage your database and transfer data from uemis DiveWorld to the SDA.

In order to identify yourself to myUemis, your myUemis or uemis DiveWorld user name and password are required. Please note that the user name and password are case sensitive and that you must enter exactly the same information you used when you created your user account.

Important! During each synchronisation operation UTC time (Co-ordinated Universal Time) is set on the device. If you have properly set the time zone and daylight saving time the device will display the correct local time. Synchronisation can take several minutes, depending upon the speed of the Internet connection, and once complete, the following information is shown:



Synchronisation completed successfully.



Synchronisation was not successful. See the log file for further details.

If problems occurred during the synchronisation operation then please save the synchronisation log file and have it ready to send to Support. To save the log click on the "Synchronisation log" button and select a location to save the log file.

5.4 Firmware update

Regular updating of the firmware ensures the stability of your SDA and allows the use of new functions. Downloading the firmware can take several minutes, depending upon the speed of the Internet connection. The update must be completed with a hardware reset which disconnects the device.

5.5 Restore

In the case of a serious error this function allows you to restore your SDA as closely as possible using the data previously synchronised (backed up) in myUemis. The operation resets the SDA to the original factory settings and then copies the data from myUemis back to the device.



Restore operation completed successfully.



Restore operation was not successful. See the log file for further details.

Following a successful restore operation please check the system settings. If there were problems during the operation then please save the synchronisation log file and have it ready to send to Support. To save the log click on the "Synchronisation log" button and select a location to save the log file.

5.6 Change of ownership

We're certain that you'll never want to part company with your SDA! If the device does change ownership you should ensure that all your data is deleted from the memory and its new owner receives a "factory new" device.

All data on the SDA will be permanently deleted. The operation is completed with a hardware reset that disconnects the device.

Important! Your database and logbook on myUemis remain unaffected. The device is removed from the list of your SDAs. Restoring this data to a different device is however not possible.

6 Functions available at myUemis

6.1 myUemis overview

Home > myUemis

PRODUCTS

SHOP

MYUEMIS

My SDAs

- Device E040A4CE
- Device E040DE3C
- Device E041DEC4
- Device E041DF4D
- Device E041EE2A
- Device E041F089

My databases

- Device E041DEC4
- Device E041F089
- Device E040F23D
- Device E040DE3C
- Device E041DF4D
- Device E040A4CE
- Device E041EE2A

My logbook

- List view
- Timeline view

My settings

- Account
- Profile
- Logout

SUPPORT

COMPANY

[Credits](#) | [General terms and conditions](#) | [Contact](#)

myUemis

My SDAs

Status	Device	Type	Firmware	Last sync (UTC)
■	E040A4CE	uemis ZURICH	1.02	04.06.2009 08:54:52
■	E040DE3C	uemis ZURICH	1.01	24.05.2009 08:43:02
■	E041DEC4	uemis ZURICH	1.00	05.05.2009 08:31:34
■	E041DF4D	uemis ZURICH	1.01	19.05.2009 15:08:44
■	E041EE2A	uemis ZURICH	1.00	08.06.2009 14:28:57
■	E041F089	uemis ZURICH	1.00	06.05.2009 14:15:05

Latest dives

Nr	Date/Time	Dive Spot	Depth	Duration
1605	22.05.2009 09:34:48		7.9 m	00:03:00
1604	22.05.2009 09:28:04		7.9 m	00:03:00
1603	22.05.2009 09:17:21		7.9 m	00:03:00
1602	22.05.2009 09:08:37		7.9 m	00:03:00
1601	22.05.2009 08:59:53		7.9 m	00:03:00

Downloads
Downloads for SDA

[Downloads](#)
Downloads for SDA

List of your SDAs with their online status, firmware version and date of last synchronisation.
List of your most recent dives.

6.2 My SDA

Home > myUemis

PRODUCTS

SHOP

MYUEMIS

My SDAs

- Device E040A4CE
- Device E040DE3C
- Device E041DEC4
- Device E041DF4D
- Device E041EE2A
- Device E041F089

My databases

- Device E041DEC4
- Device E041F089
- Device E040F23D
- Device E040DE3C
- Device E041DF4D
- Device E040A4CE
- Device E041EE2A

My logbook

- List view
- Timeline view

My settings

- Account
- Profile
- Logout

SUPPORT

COMPANY

[Credits](#) | [General terms and conditions](#) | [Contact](#)

Device E040A4CE

Device E040A4CE

[Device information](#)

Computer ID	16548
Computer Type	uemis ZURICH
Hardware Version	100
Firmware Version	1.02

Create new ticket

Create new ticket

Detailed information on each individual device that is registered to your account.

6.3 My databases

Home > myUemis

PRODUCTS

SHOP

MYUEMIS

My SDAs

- Device E040A4CE
- Device E040DE3C
- Device E041DEC4
- Device E041DF4D
- Device E041EE2A
- Device E041F089

My databases

- Device E041DEC4
- Device E041F089
- Device E040F23D
- Device E040DE3C
- Device E041DF4D
- Device E040A4CE
- Device E041EE2A

My logbook

- List view
- Timeline view

My settings

- Account
- Profile
- Logout

SUPPORT

COMPANY

Synchronization with device E041DEC4

Device E041DEC4

Database



- Contacts
- Dive spots

Dives with this device

- Dives

Functions

- Synchronization settings
- Synchronization logs

Credits | General terms and conditions | Contact

6.3.1 Databases

Contacts

Enter important addresses here or transfer information about buddies, diving equipment and other details from uemis DiveWorld and synchronise them with your SDA in the easiest, most convenient way.

List view

This displays the contacts as a list. One click on the entry shows the full screen view. Icons on the right switch to full screen view or to editing mode.

Full screen view

Shows all the information associated with a contact.

Edit contact

This allows the details to be edited and saved. Modified contacts will be transferred to the SDA during the next synchronisation operation. If a synchronisation conflict is displayed in the list view, the "Conflict resolution" field is displayed in the editing screen. Here you must select which data should take precedence: the data on the portal or that on the device.

Delete contact

Allows a contact to be deleted. The delete operation will also be performed on the SDA during the next synchronisation operation. If contacts for a dive are referenced (buddies) then the corresponding reference stored for the dive will be deleted.

The first contact cannot be deleted. This serves to identify your device during underwater communications. Please complete this contact with your details.

Transfer contacts from DiveWorld to the device

As an SDA owner and uemis DiveWorld member you benefit from special privileges at uemis DiveWorld. Members, diving equipment and all other objects that have addresses can be transferred as contacts to the SDA.

To do this, log into uemis DiveWorld. In the DiveWorld Overview tab a light blue bar will appear in which the functions reserved solely for members and SDA owners are displayed. Here, you can check the respective boxes for the items you wish to transfer to the SDA. At the bottom of the list is the "Transfer selected data to the SDA" link. Clicking this link copies the data to your contacts database and transfers them to the SDA during the next synchronisation operation.

If you wish to update an entry in DiveWorld then the details in your contact database will automatically be synchronised.

Transfer contacts from the device to myDiveWorld

As an SDA owner and uemis DiveWorld member you enjoy special advantages in myDiveWorld, the private area for uemis DiveWorld members. Both in the e-mail contact list and in your buddy list you can highlight contacts that you wish to transfer to your SDA.

Link contacts with portal data

This function allows your contacts to be linked to existing contacts (members, diving equipment etc.) in uemis DiveWorld. Use the search screen to find corresponding entries. Once you have found a matching entry simply click on "Link" to complete the process.

If you cannot find a matching entry you can create a corresponding entry in DiveWorld. To do this, select the desired type (diving equipment, emergency equipment etc.) and complete the details.

If you wish to update an entry in DiveWorld then the details in your contact database can automatically be synchronised (optional).

Delete links with portal data

This function removes the link between the contact and the portal data. The contact remains in your contact database but will no longer be automatically updated when the data is next synchronised with uemis DiveWorld.

Dive spots

Use this area to enter dive spots or transfer them from uemis DiveWorld and synchronise them with your SDA in the easiest, most convenient way.

List view

This displays the dive spots as a list. One click on the entry shows the full screen view. Icons on the right switch to full screen view or to editing mode.

Full screen view

Displays all the information associated with the dive spot.

Edit dive spot

This allows the details to be edited and saved. Modified dive spots will be transferred to the device during the next synchronisation operation.

If a synchronisation conflict is displayed in the list view the "Conflict resolution" field is displayed in the editing screen. Here you must select which data should take precedence: the data on the portal or that on the device.

Delete dive spot

Allows a dive spot to be deleted. The delete operation will be carried out the next time data is synchronised with the SDA. If a dive spot is referenced in a dive then the corresponding reference stored for the dive will be deleted.

Transfer dive spots from DiveWorld to the device

The procedure is the same as that for the contacts. Contact data and dive spots can also be mixed when selecting data to transfer.

Link dive spots with portal data

This function allows your dive spots to be linked to existing dive spots in uemis DiveWorld. Use the search screen to find corresponding entries. Once you have found a matching entry simply click on "Link" to complete the process.

If you cannot find a matching entry you can create a corresponding entry in DiveWorld. To do this, select the desired type (diving equipment, emergency equipment etc.) and complete the details.

If you wish to update an entry in DiveWorld then the details in your contact database can automatically be synchronised (optional).

Delete links with portal data

This function removes the link between the dive spot and the portal data. The dive spot remains in your contact database but will no longer be automatically updated when the data is next synchronised with uemis DiveWorld.

6.3.2 Dives on this device

List view

This displays the dives recorded on this device as a list. One click on the entry shows the full screen view. Icons on the right switch to full screen view or to editing mode.

Full screen view

Displays all the information associated with the dive.

Edit dive

This allows the conditions, equipment and other details related to the dive to be edited and saved. Modified dives will be transferred to the device during the next synchronisation.

If a synchronisation conflict is displayed in the list view, the "Conflict resolution" field is displayed in the editing screen. Here you must select which data should take precedence: the data on the portal or that on the device.

Delete dive spot

Allows a dive to be deleted. The delete operation will be carried out the next time data is synchronised with the SDA.

Dive profile preview

This displays the profile of the dive as a non-editable preview. You can find further information on visualising dives under "My Logbook".

6.3.3 Functions

Synchronisation settings

The synchronisation settings allow the user to configure whether he wished to synchronise and the method to use for each data set. The available options are:

- Bi-directional
- Portal to device only
- Device to portal only
- If bi-directional synchronisation has been selected and an entry has been changed on both the device and on the portal the conflict resolution process will come into play:
- Manual: The conflict will be displayed in the list view. In editing mode, the user selects whether the data on the portal or that on the device should take precedence.
- Portal to device: The data on the portal takes precedence and overwrites that on the device.
- Device to portal: The data on the device takes precedence and overwrites that on the portal.
- Latest: The latest entry takes precedence.

Synchronisation logs

These list the synchronisation events with the device and contain detailed information on which data has been transferred.

6.4 My Logbook

In "My logbook", information is collected about all the dives you have made using all the SDAs that you have synchronised.

The dive profile for each dive can be immediately visualised by clicking on one of the views in a list entry.



The various tabs display all of the details for a dive that were registered by the SDA or that you entered manually.

In play mode you can replay the dive in real time or in slow motion and you can view all of the details and warnings registered by the SDA.

You can also expand logbook entries with notes and photos (edit) and make buddies or DiveWorld members visible (publish).

6.4.1 List view

In the list view all dives are presented chronologically. Clicking on a list entry starts the visualisation of a dive.

Dives

	Nr	Date/Time	Dive Spot	Depth	Duration	Functions
	1379	02.05.2009 09:14:25	Jura	37 m	00:39:00	
	1378	29.04.2009 20:05:30	Rietli Goldach	48 m	00:33:00	

Dive is published

View/edit dive data

Profile view

Edit profile

Edit metadata

Delete

You can start the following functions from the function list on the right.

View/edit dive data

For full screen view and editing of additional dive details see 6.3.2.

Profile view

This displays the profile of the dive as a non-editable preview.

Edit profile

Allows the profile to be supplemented with notes and photos (edit) and buddies or DiveWorld members to be made visible (publish). Further notes on this can be found under 6.4.3.

Edit metadata

Allows the additional data for published dives to be edited and their visibility settings to be modified.

Delete

Deletes a dive completely. The delete operation will also be performed on the SDA during the next synchronisation.




6.4.2 Timeline view

In the timeline view all dives are depicted on a timeline. This allows an overview of a longer time period and facilitates rapid navigation if there is a larger number of logbook entries.

Navigation is by mouse or cursor keys. The time bar at the bottom displays a period of around 9 months. The individual dives are marked with a stroke on the time bar. The top bar is divided into around 6 weeks and is further divided into days. Here, the individual dives are identified with their number. One click on the entry displays data, time and dive spot.

The list view adapts to the selected time period. Its content is the same as the list view described under 6.4.1.

Home > myUemis

PRODUCTS

SHOP

MYUEMIS

My SDAs

- Device E040A4CE
- Device E041DF4D
- Device E041EE2A

My databases

- Device E041DF4D
- Device E040A4CE
- Device E041EE2A

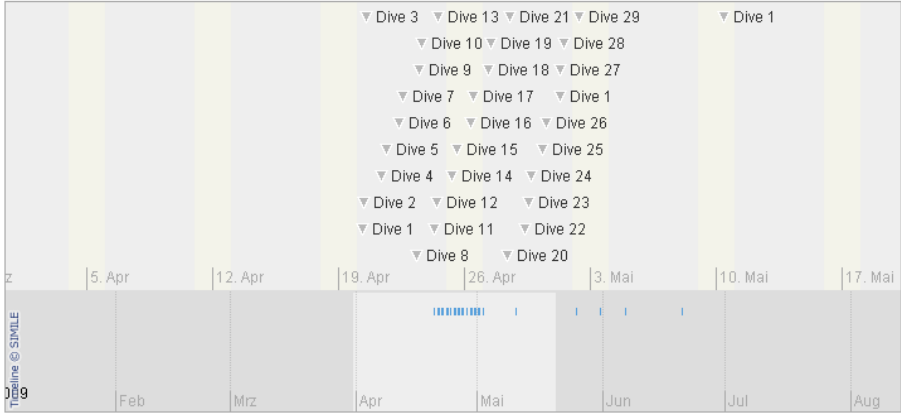
My logbook

- List view
- Timeline view

























My settings

- Account
- Profile
- Logout

My Logbook - Timeline



Dives between 31 March 2009 and 20 May 2009

Nr	Date/Time	Dive Spot	Depth	Duration	Functions
29	02.05.2009 09:46:58	Divespotg	40.3 m	01:12:00	   
28	01.05.2009 14:22:13	Divespotg	51.0 m	01:10:00	   
27	01.05.2009 09:45:03		40.2 m	01:22:00	   
26	30.04.2009 14:53:15	Divespotg	30.3 m	01:14:00	   
25	30.04.2009 10:06:46		30.1 m	01:13:00	   
24	29.04.2009 18:06:33	Divespotg	20.2 m	01:13:00	   







6.4.3 Editing and publishing logbook entries

Should you wish to supplement the dive profile entries with notes and photos or share the profile with friends or DiveWorld members, then extra information, so-called metadata, must be added.

When you edit a profile for the first time you will therefore be asked to enter a title, a short description and to choose your desired visibility level for the profile before you can proceed to edit the profile yourself.

When carrying out the following editing tasks you can select between "Edit profile", and "Edit metadata" in the list of dives.

Edited logbook entries are labelled with an icon (eye) in the list views. Logbook entries that you have released for friends or DiveWorld members are visible on your profile page in uemis DiveWorld. Here, the title, short description and photo from the metadata are displayed.

My logbook

Dive at peninsula Au 20.06.2009

First dive this year with wet suit. Between 10m (30ft) and 20m (60ft) very murky water. Nevertheless, a very nice and calm dive!

Logbook

20. June 2009

Dive at Erlenbach Schipfe 31.05.2009

First dive with new SDA-firmware 1.02. Very clear water (visibility up to 15m/50ft)! Cool dive!

Logbook

31. May 2009

Social bookmarks: del.icio.us | digg! | newsvine | technorati | slashdot

17.12.2009

Page 10 of 10