



DATAFLOW USER MANUAL

Company: SWITRACE SA

Brand Name: DATAFLOW

Description: online software for reading and programming data loggers, with hardware management and administration sections. Compliant with FDA CFR 21 part II.

DATAFLOW is adapted for **iPlug** devices, manufactured by **SWITRACE**.

System requirements :

Internet connection, Microsoft .NET 4.5.

Web browser : updated Google Chrome

DATAFLOW requires the installation of **DATAFLOW AGENT** software.

this software can be downloaded by selecting, on the left panel of front page : **Devices/detect device**.

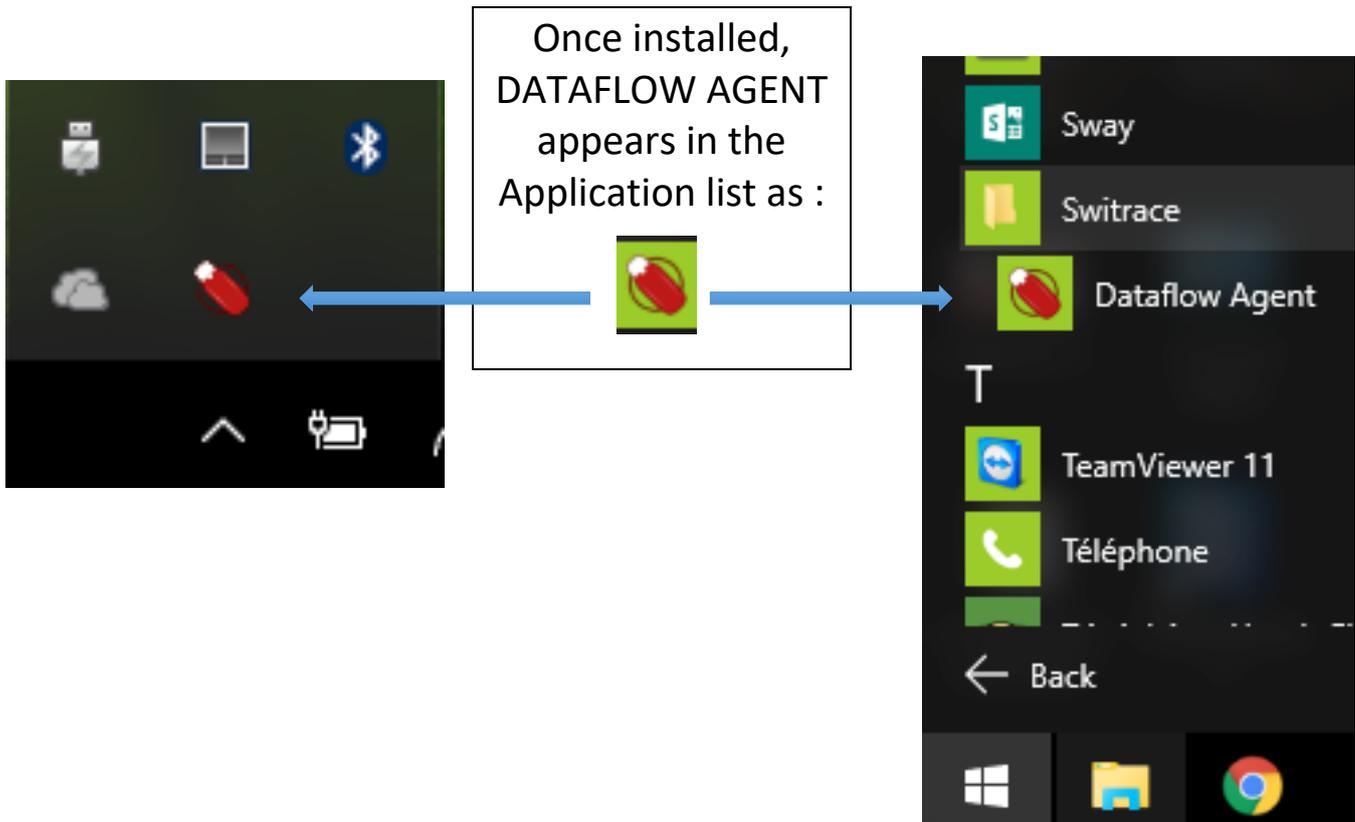
If **DATAFLOW AGENT** is not installed on your computer, this page will invite you to download it :

A new DATAFLOW AGENT is required, please [download](#) and [install](#) the latest release.

Reports

Add filter

Alarm	Serial	Device Name	Alarm H	Alarm L	Max	Min
Ok	47000061		35°	15°	24.31°	23.69°
Ok	99000105		-	-	25.00°	24.19°
Ok	99000105		-	-	34.13°	19.75°
Ok	47000061		35°	15°	28.94°	20.75°
Ok	47000061		35°	15°	26.50°	25.44°
Alarm	47000061		35°	15°	29.25°	8.50°



Your connection to DataFlow :

URL : <https://app.dfv2.switrace.com/#!/login>

Definitions :

DataFlow allows to :

- view data logger inventory
- program a data logger
- read a data logger
- edit trip report (pdf and excel)

1. User profiles : Definition of user roles.

Switrac administrator creates DATAFLOW main account, he also creates users.

User can have 3 different levels : Administrator, Standard user, Uploader. Default user access to Dataflow is the user email address. Default password attributed for first access is : password.

User is required to modify this password after first access.

1.1 Administrator

This user can upload and modify devices. He can also administrate and create sub-accounts (sub companies) and their user accounts. This user has access to the Audit Trail and User Admin section.

1.2 standard user

This user can upload and modify devices.

1.3 Uploader

This user can only upload devices

2. User admin

This section allows administrator only to edit, modify or delete profiles in the user list.

How to create a new user:

- enter in User Admin section (left panel)
- select "Add user"
- insert valid email address of new user and create password
- switch the user to "Active" to activate the account

Nota : in this section, administrator will enable or disable the datalogger Autoreset function, selecting On/off in the corresponding menu.

3. Administered companies

This section is into the user admin section. It allows the administrator to create new company account. In each company account, the administrator can create users and decide user profiles (administrator/standard/receiver). Users in each company will view only the devices of their companies when they access to dataflow.

How to create a new company :

In the User admin section, select **Add Company**

Insert a name in “**Company name**” window

Select **Create**

4. Inventory section (left panel)

This section allows to view a device list owned by administrator

Nota : if the administrator owns several administered companies, he will view 100% of all administered devices in this page.

Filtering function

Inventory page allows to extract particular devices, using “Add filter” function.

To filter devices, select option in the **Add filter** menu. It is possible to cumulate

Status : allows to extract devices according to their status : Available, Awaiting Upload or Used

Serial : allows to extract particular serial number – Select **Serial**, select **is like** in the new window, type full serial number in next window, select **Add Filter** or use **enter** key. Device list will be adjusted according to your request

Device name : allows to extract particular name – Select **Device Name**, select **is like** in the new window, enter first letter of searched name, in next window, select **Add Filter** or use **enter** key. Device list will be adjusted according to your request

Device Type : allows to extract per type of device – Select **Device Name**, select **is** in the new window, select **Single use** or **Multi use**, in next window, select **Add Filter** or use **enter** key. Device list will be adjusted according to your request

Company : allows to extract devices per owner – Select **company**, select **is like** in the new window, enter first letters of company name, in next window, select **Add Filter** or use **enter** key. Device list will be adjusted according to your request

Profile : allows to extract devices according to their **programming profile** (see Inventory detail section) – Select **Profile**, select **is like** in the new window, enter first letters of profile name, in next window, select **Add Filter** or use **enter** key. Device list will be adjusted according to your request

5. Inventory detail : view device program details

Access from **Inventory** section, select a device in the device list, clic on the device line (yellow line). This opens **Inventory detail** page.

In the **Inventory detail** page you can :

- Give a name to a device, using **Device Name** window
- Attribute ownership to a device : using Ownership /Company menu : select here if you want to attribute ownership of a device to an **Administered Company**. To create new **administered company**, go to User **Admin section** (left panel).
- View device program profile name : in the menu Profile, select here how you want the device to be programmed once it will be connected to dataflow. Profiles are created in the **Settings/Profile settings** section, left panel. Profile determine the device trip duration, Start delay, sampling time and alarms.
- Determine device status : user can select here **Device in use** option, so that device status, in the **inventory** page becomes “Awaiting download” (overlined orange). Nota : **Used** status (in Red) appears automatically as soon as a device is downloaded.

6. Settings section (left panel)

Extend this section to access to :

User Settings

Allows to change **user details** (name) **email** and **Password**

Allows to enable or disable the **Autoreset** feature for this user only

Select **Save** to apply modifications.

Profile Settings

Export files names

Allows to choose which name will be given to the temperature pdf reports created by Dataflow. Choose in the **Available Placeholder** list which feature will automatically be attributed as name to the pdf report (click on blue texts). This feature allows easy inventory of multiple reports (example, each file name is **%SERIAL%FIRST%** will name reports with Serial number and date of first temperature recording).

Select Save settings to save your selection, or Reset to enter new one.

7. Programming profile

In this section, user can determine program templates. These templates allow to program devices according to “ready made” configuration.

Select Create new profile in this section

Then Enter new profile name and select all device program parameters.

Select **Save** at the end of the process to create a programming profile.

This programming profile will be available in **Modify Device** section.

How to start with DATAFLOW

Enter your user name and password to open DATAFLOW session.



Please sign in

[Password lost ?](#)

8.How to program a device

8.1 Connect a device to the computer : this device needs to be linked to your account by the account administrator. Main account administrator has ownership of all devices delivered by SWITRACE. It is the duty of this main account administrator to attribute the device property to the sub accounts (**Administered Companies**) within the **Inventory Detail** section.

8.2 Make sure the Dataflow Agent is active

Extend the **Detect device** section on the left panel, Select **Modify device**. The Device Detection message on the screen must turn from orange to green, to indicate that iPlug is detected by the computer. There are 3 possibilities :

A : Dataflow Agent is not active, device is not detected :

DATAFLOW AGENT: NOT ACTIVE

DEVICE: Not detected

User needs to install and run Dataflow Agent (see page 1)

B : Dataflow Agent is Active, device is not detected :

DATAFLOW AGENT: Active (v1.3.6876)

DEVICE: Not detected

User needs to connect the device

C : Dataflow Agent is Active, device is detected and ownership is validated

DATAFLOW AGENT: Active (v1.3.6876)

DEVICE: Serial 43002771  100%

User can read or program the device

Note : once the green strip appears, temperature information contained in the device memory are uploaded to DATAFLOW database.

8.3 Ownership verification

As soon as the device is connected, DATAFLOW will check if device ownership matches with current user. If ownership does not match with the device serial number, bellow error message will appear. Contact your administrator to solve this issue.

Ownership refused
Unknown device

9. Modify Device Parameters page:

Once device ownership is validated, user can access to the Modify Parameter Page

See here the device battery level

Select here program profile, or enter manually all parameters : interval measurement, Start delay, trip duration, unit.

Select here High and low alarms, then enter value in new windows.

Enter here 2 lines of free text that should be recorded in the device memory.

Once all parameters are programmed, Save the settings with a click on Save button

10. How to view the temperature graph

Once a device has been connected and automatically read, temperature report can be viewed in the **Reports** page. To access to a report, click on a device serial number in the **Reports** page.

Reports can be filtered with the **Add Filter** function, on top of the page. Select **Add Filter** after filter selection to validate the filter. Select **Remove** to clear filters.

Report detail #47000344

DEVICE NAME	RT1		
SERIAL	47000344	START	21/03/2019 10:59:43 +0100
READINGS	145	FIRST LOG	21/03/2019 11:14:43 +0100
SAMPLING TIME	12 min	LAST LOG	22/03/2019 16:14:43 +0100
START DELAY	15 min	DURATION	1 days 5 hours 15 min
MAX TEMP	24.69°	ALARM HH	Not set
MIN TEMP	21.12°	ALARM H	Set at 25° [OK]
MEAN TEMP	21.93°	ALARM L	Set at 15° [OK]
MKT	21.93°	ALARM LL	Not set

LOCATION ID:

Save

PDF with details Download PDF Download CSV

In the report detail page, user can download temperature data or zoom on a particular section by maintaining left mouse clic of a graph section.

Select Download PDF to extract PDF report with full details.

For further questions

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