



### Airviro User's Reference



## Working with Indico Dashboard

## An easy way of visualizing graphs and tables

### Amendments

Version	Date changed	Cause of change	Signature
4.00	May 2015	New Module	GS
4.01	Aug 2018	Review	GS
5.01	Jan 2020	Review	GS
5.01	Dec 2020	Review	DC
5.01	March 2023	Review	GS
5.10	March 2023	Review	GS
6.00	September 2025	Upgrade	GS
6.00	October 2025	Review	DC

# CONTENT

<b>11.1 INTRODUCTION.....</b>	<b>5</b>
<b>11.2 GETTING STARTED.....</b>	<b>5</b>
<b>11.3. MAIN WINDOW.....</b>	<b>6</b>
<b>11.4 DASHBOARD DEFINITION.....</b>	<b>8</b>
<b>11.5 EXPORT A GRAPH / TABLE.....</b>	<b>9</b>



## 11.1 Introduction

Indico Dashboard is used to display various graphs and tables on the same web page, usually in real time. This module uses graphs and tables previously defined in Indico Presentation and saved as Macros. These Macros allow you to define new Dashboard layouts in the Dashboard Definition page. The created layouts are then saved on the Airviro server in the same way as the Indico Macros.

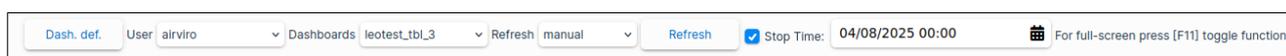
This Airviro module runs on any PC or device running later versions of Microsoft Edge, Firefox, Chrome or Safari.

## 11.2 Getting started

Once Airviro has been installed on the server, you can start using it by typing the correct URL in your web browser over the Intranet/Internet.

After logging in to Airviro with your user-ID and password, a domain must first be selected, and then **Indico Dashboard** should be chosen from the available modules.

By clicking on the button **[down arrow]**, besides the user button text, the **[Logout]** button, is shown. By clicking on the Logout button, the current module is closed and the Airviro login page is displayed instead.



*Figure 11.1 Main menu.*

## 11.3. Main window

The Dashboard Module has the following options are available:

- Dashboard definition (Dash.def): It is used to define new dashboard layouts or to modify existing ones.
- User: It allows you to filter layouts by user. Select the desired user to refresh the dashboard layout list
- Dashboards: It lists the available dashboards that can be selected to display graphs and tables in a specific predefined layout
- Refresh: Press this button to displays the dashboard with the latest data. It is also possible to specify a preset refresh interval from 1 minute, up to 1 hour. The dashboard updates automatically. (See *Figure 11.2*)
- Stop time: Used to display historical data. By default the stop time for the displayed data is "now". the stop time can be typed directly into the text box or by pressing the button,  to open a calendar that can be used to select a date.

The length of the time periods shown in the graph/tables are defined in the macros created for those graphs/tables and these can be changed using Indico Presentation.

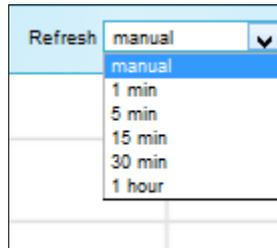


Figure 11.2 Refresh Intervals.

- For full screen press [F11] toggle function.

Each graph/table can be enlarged in a new modal window by clicking on it. Depending on the installation, graphs using HighCharts may include special features and functionalities.

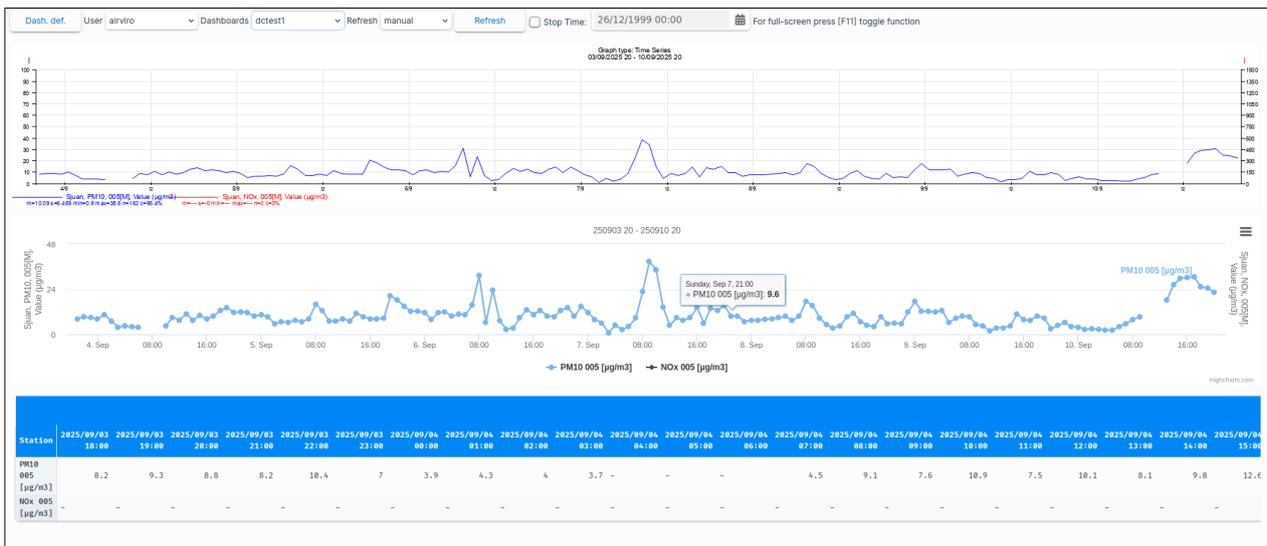


Figure 11.3. Dashboard Graphs / Tables.

## 11.4 Dashboard definition

The Dashboard definition page, is used to add, edit and delete dashboards. Use the **[Back]** button, to return to the main window.

To create a new dashboard, a unique name must be entered, and a layout should be defined.

First, the size of the dashboard in grid squares (X,Y) must be specified. The maximum size is 4 cells horizontally (y) and 4 vertically (x). Then, the grid so defined can be divided into sections using the combo box in each grid cell, Cells within the same section will have the same number. Each section will contain a graph or table for display. The sections must be square or rectangular. See *Figure 11.4. Dashboard Definition.*

The **[Check layout]** button is used to verify and preview the layout that has just been defined. Each section of the dashboard must be associated with a macro.

The screenshot shows the 'Dashboard Definition' interface with the following components:

- Name:** A text input field containing 'dc\_NewTest\_3'.
- Layout:**
  - 'BaseGrid X' dropdown set to '1' and 'Y' dropdown set to '3'.
  - A 3x1 grid of cells. The top cell contains '1', the middle cell contains '2', and the bottom cell contains '3'.
  - A 'Check layout' button below the grid.
  - An 'Apply' button at the bottom left.
- Macros:**
  - Table with columns: Type, RT only, and Macros.
  - Row 1: Type 'Graph', RT only checkbox, Macro 'HC\_min\_002'.
  - Row 2: Type 'Graph', RT only checkbox, Macro 'wind\_4\_sum\_tblext\_linked'.
  - Row 3: Type 'Table', RT only checkbox, Macro 'wind\_4\_tbl\_ts'.

*Figure 11.4 Dashboard Definition.*

Once the layout has been verified and accepted, several rows of options will appear; one row for each section.

Each section should contain either a graph or a table. Use the combo boxes to select which one it is. Then, select a macro for each section by pressing the button **[Macros]**. Macros are defined in the Indico Presentation and are stored in the user's home directory.

Then, click on **[Apply]** to save the defined dashboard .

## 11.5 Export a graph / table

Hovering the mouse pointer over the upper left corner of the graphs/tables various export options will be displayed The available output options are: For graphs XLS, CSV, PNG and PDF formats are available. For tables only XLS and SCV (see Figure 11.3).