



## **New Features in ibaDaVIS v2.5.0**

Author: tg, iba AG - Fürth

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# 1 New Features

## 1.1 User or group based dashboard permissions

*Dashboard Permission* management has been added in this release. Individual users or user groups can be given permissions to the directories for editing or view the dashboards included in the directories. It is also possible to hide directories and the included dashboards from users or user groups.

Name	Group Permission	User Permission	Effective Permission
All Dashboards	-	None View Edit	-
Maintenance	-	None View Edit	View
Preprocess	-	None View Edit	Edit
Process and Product Inspection II	-	-	View
Production	-	None View Edit	-
Process Quality	View	None View Edit	View
MainProcess	View	None View Edit	View
Preprocess	View	None View Edit	Edit
Improvements	-	-	View
Process and Product Inspection	-	-	View
Product Inspection	-	None View Edit	View
Production Overview	-	-	-
Admin View	-	-	-
RC4	-	-	-

### Configuration

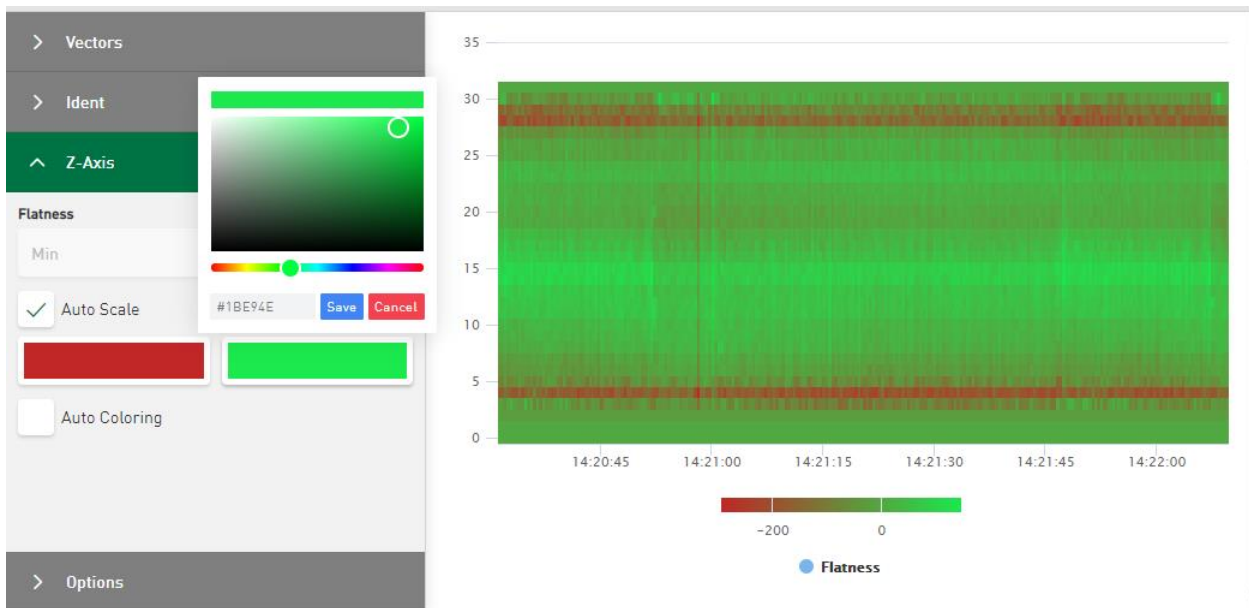
On the *User Management* page, an extra tab for the *Dashboard Permissions* has been added. The dashboard tree is displayed and the admin user can give for each directory the access permission can be set to *Edit*, *View* or *None* per selected user or user group. The selected permission is inherited from the higher to the lower directory level. The set *Dashboard Permissions* always refer to the currently selected user or user group.

The *Dashboard Permissions* from belonging to a group and the individual *User Permissions* of the user result in the *Effective Permissions* on dashboards and folders.

The introduced *Dashboard permissions* replace the general user permissions to View and Edit All Dashboards in previous versions of *ibaDaVIS*.

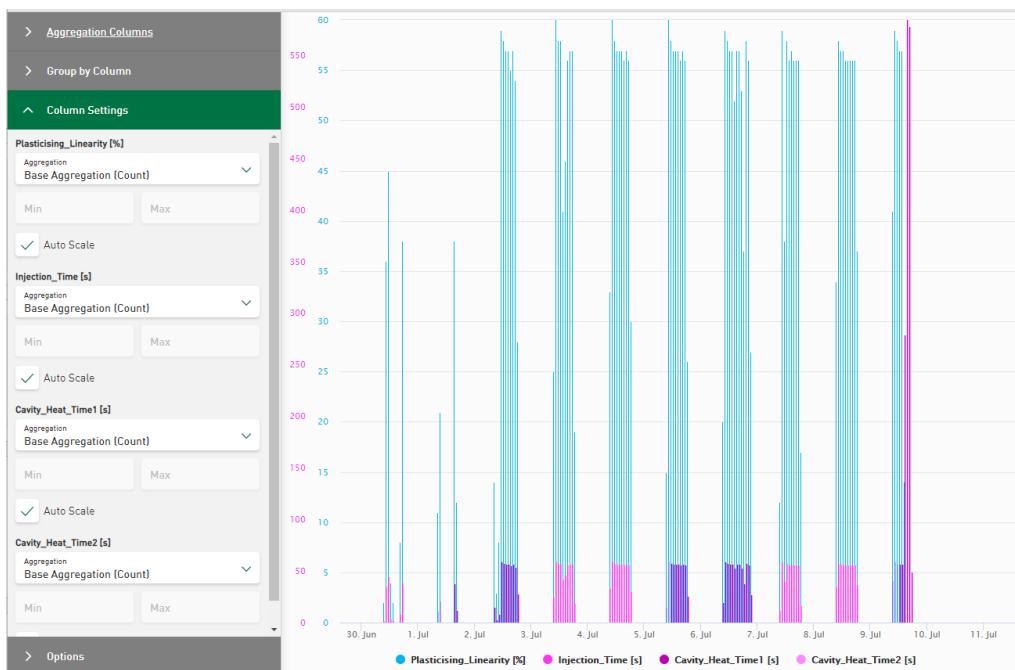
## 1.2 Heat map supports custom color range

*ibaDaVIS* supports the visualization of vectors as Heat map. The standard color setup for the Heat map is the same as in *ibaAnalyzer*. It's possible to change the color range by disable the check box *Auto coloring* and use the color pickers provided at the paragraph *Z-Axis*. The selected colors are used to visualize the minimum and maximum values. The value in the z-axis is colored according to the resulting color gradient.



### 1.3 Bar chart supports multiple axis

You can select multiple columns for the visualization in a bar chart. The selected values are displayed each on an individually scalable y-axis. You can manage the individual scaling and the column related aggregation at the paragraph *Column Settings*.



The logic how y-Axis of the selected columns are joined is the same as in the line charts. Selected columns with the same unit are joined on the same y-axis. When you enter values to scale the axis manually the axis is displayed separately. Columns of the same unit and the same manual scaling are rejoined on one axis again.

## 2 Improvements

### 2.1 Grid cell content size and alingment definition

The size of the displayed values in the grid cell is bound to the cell hight. The alignment of the displayed value in the grid cell can be individually selected at the paragraph *Cell Definitons*.

The image shows two parts of the ibaDaVIS software interface. On the left is the 'Cell Definitions' panel, which allows users to configure how data is displayed in the grid. It has two sections: 'Plasticising\_Linearity' and 'Cycle\_Number'. Each section has options for 'Aggregator' (set to 'Last value'), 'Alignment' (set to 'Right' for Plasticising\_Linearity and 'Center' for Cycle\_Number), and 'Decimal places' (set to 2). On the right is a data grid titled 'Last Item' with 'pz200 - Records: 298'. The grid displays various process parameters in a structured layout. The values are formatted according to the settings in the 'Cell Definitions' panel.

Plasticising_Linearity	Cycle_Number
81.45 %	000003111
Cavity_Heat_Time2	Cavity_Heat_Time1
6.86 s	5.51 s
Machine_Number	Max_Inju1PrsAct
61025923	19.29 bar
	Max_Inju1PrsAct
	619.89 bar