

General control tables in the new user interface

All tables in the new user interface contain common functionalities, which are described in detail in this chapter. Each table does not have to contain all the functionalities described here, but only those that make sense. Table configuration such as e.g. order, visibility of columns, and their width is in most cases saved automatically after closing the window (it is also possible to save it explicitly).

 This chapter describes the functionality of the new user interface available since D2000 V12.2.

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Control panel above the table

Above the table, there is a panel with buttons, a search box and paging (if the table is set to page data).



The panel above the tables provides general functionalities for the table and its data. To the far left are the control buttons, followed by a search text box with a search button.

Behind it is the position of the currently displayed records with the total number of records. To the far right are the paging buttons.

Control buttons above the table

The functionalities of the buttons above the table are as follows:



- hide/show filter to the left of the table, this button is present only if a panel with filter items is implemented for the table



- this button means that the data in the table is continuously updated automatically. Therefore, it is possible to turn on the monitoring of the last record added to the table, if a new record is added to the table (e.g. alarm, monitored event, etc.). Enabling this setting will automatically scroll /page the table so that this last added entry is visible. Turning on this button automatically sets the sorting of records so that new records are added chronologically to the end of the table (the table is automatically ascending according to the time column). Tracking of the last added record is automatically cancelled whenever the user manipulates the table (e.g. selection of a row, manually scrolling up, changing the order by clicking on the column header, etc.).



- menu for exporting all records from the table to TXT, CSV, PDF formats or to the clipboard

Historia

hľadajúci reťazec

Export do PDF (7246 záznamov)

Meno	Stav alarmu	Čas vzniku udalosti ↑	Priorita	Príčina udalosti	Užívateľ
P.Alarm	Alarm	5. 12. 2019 14:37:49	Alarm	On	
My_Alarm	NoKvit	5. 12. 2019 14:37:50	Alarm		
My_Alarm	Alarm	5. 12. 2019 14:37:51	Alarm		
P.Alarm	NoKvit	5. 12. 2019 14:37:52	Alarm	False	
P.Alarm	Alarm	5. 12. 2019 14:37:53	Alarm	On	
My_Alarm	NoKvit	5. 12. 2019 14:37:55	Alarm		
P.Alarm	NoKvit	5. 12. 2019 14:37:56	Alarm	False	
My_Alarm	Alarm	5. 12. 2019 14:37:56	Alarm		
P.Alarm	Alarm	5. 12. 2019 14:37:57	Alarm	On	

Export all records to PDF via the dropdown menu of the export button. At the top right, the progress of the entire export is displayed at the end, which displays the standard dialog for saving the file.

Meno	Popis	Stav alarmu	Čas vzniku udalosti ↑	Priorita	Príčina udalosti	Užívateľ
P.Alarm		Alarm	5. 12. 2019 14:37:49	Alarm	On	
My_Alarm		NoKvit	5. 12. 2019 14:37:50	Alarm		
My_Alarm		Alarm	5. 12. 2019 14:37:51	Alarm		
P.Alarm		NoKvit	5. 12. 2019 14:37:52	Alarm	False	
P.Alarm		Alarm		Alarm	On	
My_Alarm		NoKvit		Alarm	False	
P.Alarm		NoKvit		Alarm	False	
My_Alarm		Alarm		Alarm		
P.Alarm		Alarm		Alarm	On	

Export only selected table entries via the right-click context menu.



- the menu with advanced table options provides the following:

- Column Filter - turns on the display of search text boxes below column names, through which it is possible to filter rows according to whether they contain the specified string in a given column. Wildcards * and ? are also supported for specific requirements.

hľadajúci reťazec

1-8 z 7246

1 2 3 ... 906

Meno	Čas vzniku udalosti ↑	Priorita	Príčina udalosti	Užívateľ	Stará hodnota
P.Alarm	5. 12. 2019 14:37:49	Alarm	On		On
My_Alarm	5. 12. 2019 14:37:50	Alarm			Alarm
My_Alarm	5. 12. 2019 14:37:51	Alarm			NoKvit
P.Alarm	5. 12. 2019 14:37:52	Alarm	False		On
P.Alarm	5. 12. 2019 14:37:53	Alarm	On		On
My_Alarm	5. 12. 2019 14:37:55	Alarm			Alarm
P.Alarm	5. 12. 2019 14:37:56	Alarm	False		On
My_Alarm	5. 12. 2019 14:37:56	Alarm			NoKvit

Turning on the filter above the columns allows you to enter a search string separately for each column.

- Set width of all columns - sets the width of the displayed columns so that their contents are visible.
- Column Configuration - displays a dialog for setting the visibility and order of the columns in the table

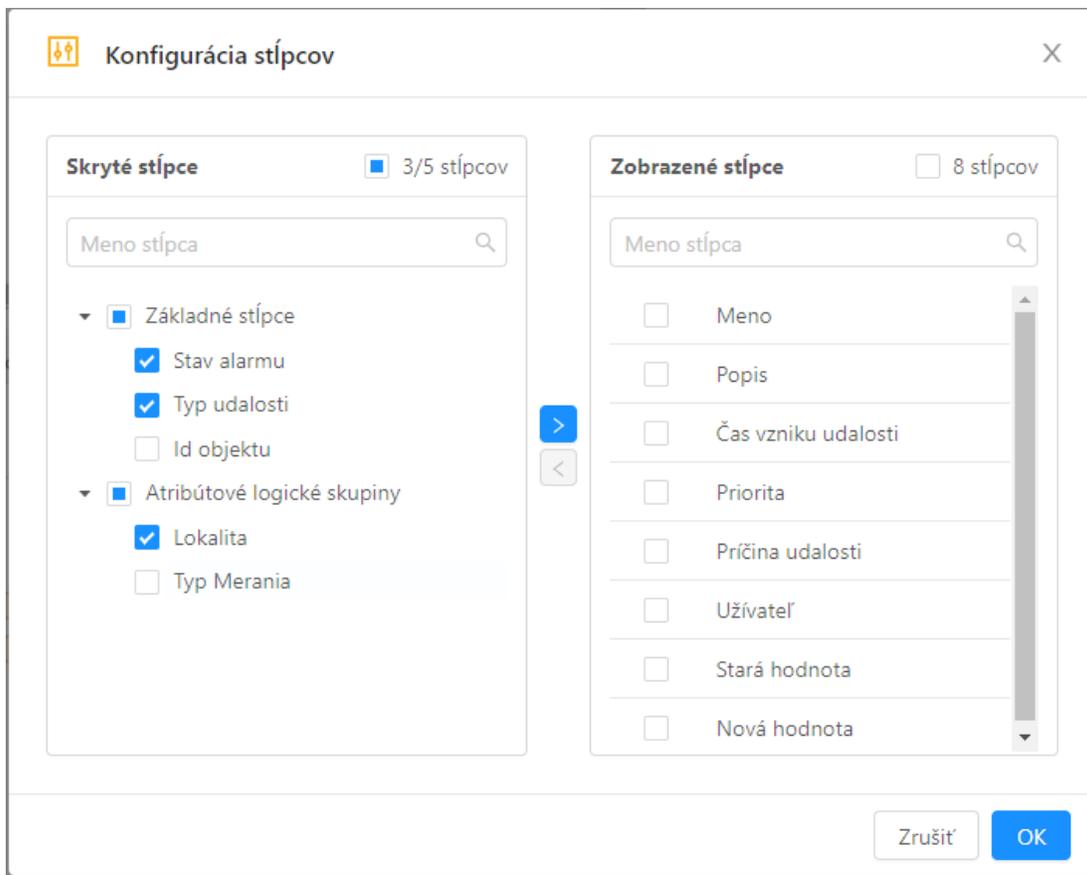


Table column configuration dialog. On the right side, the panel shows a tree of hidden columns logically divided into groups.

On the left side, there is a list of visible (displayed) columns in the panel, the order of columns can be changed by dragging and dropping the mouse.

Hiding and showing columns is done by moving selected (checked) columns using the buttons between the panels.

- Advanced table settings - in the right part of the screen the panel with advanced table settings will be displayed, its functionality is described in a separate subchapter.

Text box for quick filtering in a table

Above the table, there is also a search box with a record search button. It can look like this:

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- if the placeholder text in the text field is currently a "search string", the search field is intended for an *automatic full-text search of a part of the text in all columns of the table*. When you type text in a field, only records that contain that text in at least one column (whether or not the column is visible) are automatically displayed in the table. It is possible to enter more search strings in the text field separated by space, in this case, the displayed record must contain all search strings. Of course, it is possible to use wildcards * (0-n characters) and ? (just 1 character) in strings. Filtering according to the entered text is performed directly by the table above the already loaded records (the table has completely loaded all records, even those that are not displayed). If we want to update the data in the table, it is necessary to press the search button  after the text field. This button reloads the data into the table from the server.
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- if the placeholder text in the text box contains table column names (such as "object name"), the search works differently than in the previous case. Such text field allows you to search in the name of the object. In this panel, it is necessary to explicitly press the search button  after entering the search text. The reason why this panel works differently than the others is that in this case not all data is loaded into the table at once, but only the currently displayed records are read from the kernel. For this reason, filtering records for the contents of the specified string is performed by the kernel (with the limited filtering functionality on some columns, compared to the previous option, where the table searches for text in all records and columns).



In the case of a search field for an object name, it is also possible to search in its description using the keywords "AND" or "OR" (eg search string: *M* AND *P* searches for all objects that have the letter M in their name and in the description object is the letter P).

Orientation and navigation of the table

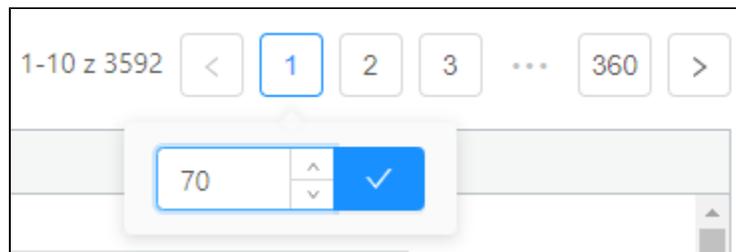
The tables show the interval of the currently displayed records in the table in the upper right part. For pages that have paging settings, paging buttons are also displayed, through which you can quickly jump to the next or previous pages, or the first and last page by clicking.



The table currently shows the first to tenth record out of a total of 7246 records.

The data is therefore paged after 10 records per page, in total we have 725 pages available.

We are currently on the first page. Click on buttons 2, 3, and 725 to jump to the given page.



After moving the mouse over the button with the number of the currently displayed page, a popup bubble will appear with the option to enter any page number to which we want to jump to.

In this case, we entered page number 70. After pressing the button , the records on page 70 will be displayed in the table.

You can also use the keys `PGUP` (go back one page), `PGDOWN` (go to the next page), `HOME` (go to the first page), `END` (go to the last page) to navigate the table.

You can also use the mouse wheel to scroll vertically on a scrollbar table; if you hold down the `SHIFT` key, you scroll horizontally to columns that did not fit on the screen instead of vertically scrolling.

Working with columns in a table

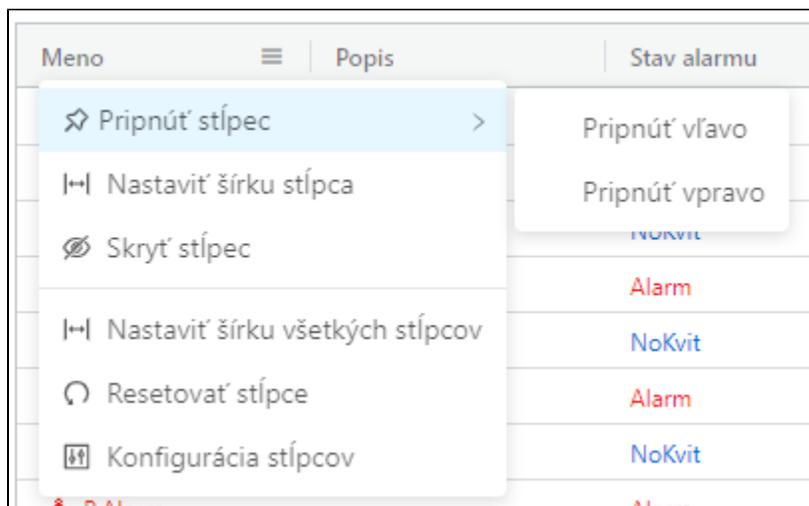
Each table allows the following column functionalities:

- change the width of the column by moving the right edge of the column header
- automatic change of column width to suitable by double-clicking on the right edge of the column header
- sorting by clicking on the column header according to which it is to be sorted, repeated clicking sets the sorting order in ascending or descending order
- if the table supports it, it is possible to use sorting by several columns at once by successively clicking on the column headers while holding down the `CTRL` key
- move columns with the mouse by drag & drop by moving the column header
- pin a column to the right or left edge of the table by holding down the column over the left or right edge of the table

Meno	Popis	Čas vzniku udalosti ↑	Priorita	Príčina udalosti	Užívateľ	S
P.Alarm		9. 12. 2019 16:24:51	Alarm	False		C
P.Alarm		9. 12. 2019 16:24:51	Alarm	On		O
P.Alarm		9. 12. 2019 16:24:51	Alarm	False		C
P.Alarm		9. 12. 2019 16:24:51	Alarm	On		O
P.Alarm		9. 12. 2019 16:24:52	Alarm	False		C
P.Alarm		9. 12. 2019 16:24:53	Alarm	On		O
P.Alarm		9. 12. 2019 16:24:56	Alarm	False		C
P.Alarm		9. 12. 2019 16:24:57	Alarm	On		O
P.Alarm		9. 12. 2019 16:25:00	Alarm	False		C
P.Alarm		9. 12. 2019 16:25:01	Alarm	On		O
P.Alarm		9. 12. 2019 16:25:04	Alarm	False		C
P.Alarm		9. 12. 2019 16:25:05	Alarm	On		O
P.Alarm		9. 12. 2019 16:25:08	Alarm	False		C

How to attach a column to the left edge of a table.

After moving the cursor over the column name, a drop-down menu icon  with items for column settings will appear in its right part (alternatively the menu can also be called up by right-clicking on the column name).



Drop-down menu for a column called "Name"

The context menu for the column contains the following items:

- Pin Column - allows you to pin or unpin multiple columns to the left or right edge of the table. These columns always remain visible, while the other columns remain in the centre of the table with the horizontal scroll bar.
- Set column width - automatically sets the column width so that the displayed column content is as visible as possible (this can also be achieved by double-clicking on the right edge of the column)
- Hide column - the column will be hidden and will not be visible until the user re-enables visibility in the column configuration or by resetting their settings
- Set the width of all columns - analogous to "Set column width" but the operation will be performed on all columns
- Reset columns - reset the position, width and size of the columns to the default column settings
- Column Configuration - displays the configuration dialog for showing and hiding columns (described above)

Marking records in a table

Individual records are marked in the table by clicking on the row with the record. To perform an operation on a group of multiple records, they must first be marked, and it is possible to mark a contiguous or discontinuous group of records.

Marking of a continuous group of alarms

1. Click on the first alarm in the group.
2. Press and hold the **SHIFT** key.
3. Click on the last alarm in the group.

Alternatively, you can select only with the mouse as follows.

1. Click and hold the first alarm in the group.
2. Move the mouse to the last alarm in the group.
3. Release the mouse button

Marking of a discontinuous group of alarms

1. Press and hold **CTRL** key.
2. Click on the alarm names to gradually add the required alarms to the group. Clicking on an already added entry will remove that entry from the group.

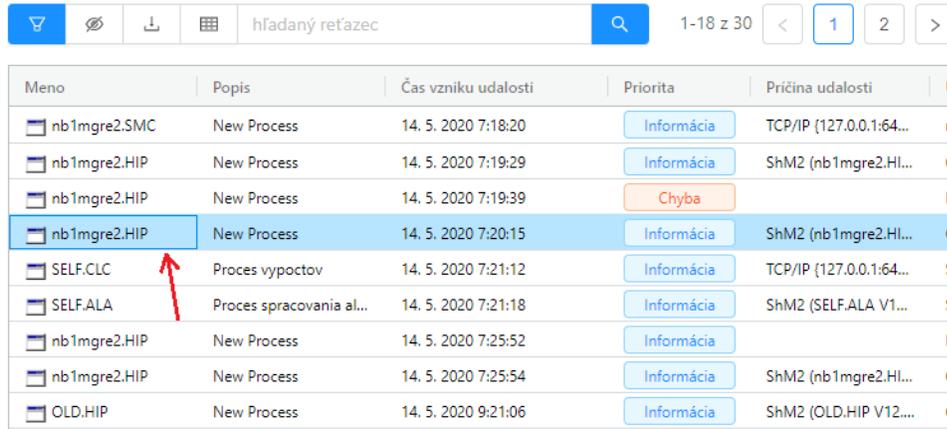
Selecting from all visible records

1. Press **CTRL + A** - all currently visible table records are be selected.

Copying the contents of the table to the clipboard

There are three ways to copy the contents of a spreadsheet

- with the keyboard shortcut **CTRL+C** it is possible to copy the currently marked (focused) table cell.



Meno	Popis	Čas vzniku udalosti	Priorita	Príčina udalosti	U
nb1mgre2.SMC	New Process	14. 5. 2020 7:18:20	Informácia	TCP/IP {127.0.0.1:64...	n
nb1mgre2.HIP	New Process	14. 5. 2020 7:19:29	Informácia	ShM2 (nb1mgre2.HI...	C
nb1mgre2.HIP	New Process	14. 5. 2020 7:19:39	Chyba		D
nb1mgre2.HIP	New Process	14. 5. 2020 7:20:15	Informácia	ShM2 (nb1mgre2.HI...	C
SELF.CLC	Proces vypoctov	14. 5. 2020 7:21:12	Informácia	TCP/IP {127.0.0.1:64...	S
SELF.ALA	Proces spracovania al...	14. 5. 2020 7:21:18	Informácia	ShM2 (SELF.ALA V1...	S
nb1mgre2.HIP	New Process	14. 5. 2020 7:25:52	Informácia		D
nb1mgre2.HIP	New Process	14. 5. 2020 7:25:54	Informácia	ShM2 (nb1mgre2.HI...	C
OLD.HIP	New Process	14. 5. 2020 9:21:06	Informácia	ShM2 (OLD.HIP V12...	C

The blue border of the cell indicates the currently selected cell -the contents of which can be copied

- by [exporting to the clipboard](#) either the entire table or only selected rows

Advanced settings

The panel with advanced settings can be displayed via the menu from the button



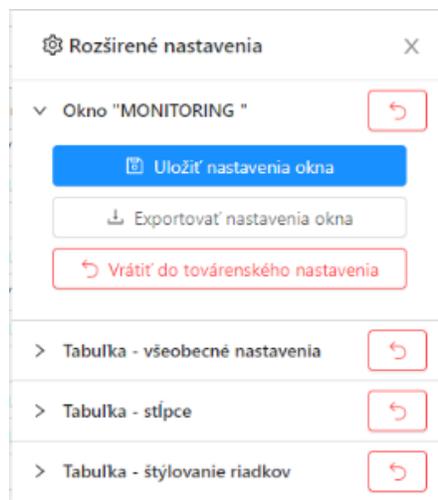
above the table. The panel appears on the right side of the screen and contains several expandable sub-panels.

Meno	Popis	Čas vzniku udalosti	Priorita	Pričina
nb1mgre2.SMC	New Process	14. 5. 2020 7:18:20	Informácia	TCP/
nb1mgre2.HIP	New Process	14. 5. 2020 7:19:29	Informácia	ShM
nb1mgre2.HIP	New Process	14. 5. 2020 7:19:39	Chyba	
nb1mgre2.HIP	New Process	14. 5. 2020 7:20:15	Informácia	ShM
SELF.CLC	Proces vypoctov	14. 5. 2020 7:21:12	Informácia	TCP/
SELF.ALA	Proces spracovania al...	14. 5. 2020 7:21:18	Informácia	ShM
nb1mgre2.HIP	New Process	14. 5. 2020 7:25:52	Informácia	
nb1mgre2.HIP	New Process	14. 5. 2020 7:25:54	Informácia	ShM
OLD.HIP	New Process	14. 5. 2020 9:21:06	Informácia	ShM
OLD.HIP	New Process	14. 5. 2020 9:21:07	Chyba	
OLD.HIP	New Process	14. 5. 2020 9:21:16	Informácia	ShM
OLD.HIP	New Process	14. 5. 2020 9:21:17	Chyba	
nb1mgre2.HIP	New Process	14. 5. 2020 10:46:04	Chyba	

Advanced monitoring window settings

Window panel

The first drop-down panel is named the currently open window, and it is impossible to manage the configuration of the entire window through it. It contains settings not only of the whole table but also of other components in the window such as e.g. filter panel (in this case, for example, the currently selected filter is saved).



The panel contains the following buttons:

-  - returns the configuration of the entire window to the default settings loaded when the screen is opened
-  **Uložiť nastavenia okna** - saves the window configuration. Depending on the window type, the configuration is saved either in the registers on the local computer (most windows) or in the user settings (alarm window, [preconfigured monitoring windows](#))
-  **Exportovať nastavenia okna** - exports window configuration to a file on disk
-  **Vrátiť do továrenského nastavenia** - return the configuration of the entire window to the default settings of the system manufacturer

Table Panel - general settings

The following can be set in the general settings of the table:

Rozšírené nastavenia	X	Rozšírené nastavenia	X
> Okno "MONITORING "		> Okno "MONITORING "	
▼ Tabuľka - všeobecné nastavenia Stránkovanie: <input checked="" type="radio"/> Zapnuté Veľkosť stránky: <input checked="" type="radio"/> Automatická Zobrazit' čas s milisekundami: <input type="radio"/> Nie		▼ Tabuľka - všeobecné nastavenia Stránkovanie: <input checked="" type="radio"/> Zapnuté Veľkosť stránky: <input type="radio"/> Fixná 22 Zobrazit' čas s milisekundami: <input type="radio"/> Nie	
> Tabuľka - stĺpce		> Tabuľka - stĺpce	
> Tabuľka - štýlovanie riadkov		> Tabuľka - štýlovanie riadkov	

- on/off paging - in case of paging off, the entries in the table are not divided into pages but are in one large scrollable list.
- if paging is enabled, you can define the number of records per page. Either the automatic page size is set according to the available space in the window or it is possible to set this size to a fixed number of records
- in the case of a table with a column showing the time, it is also possible to set the display of milliseconds

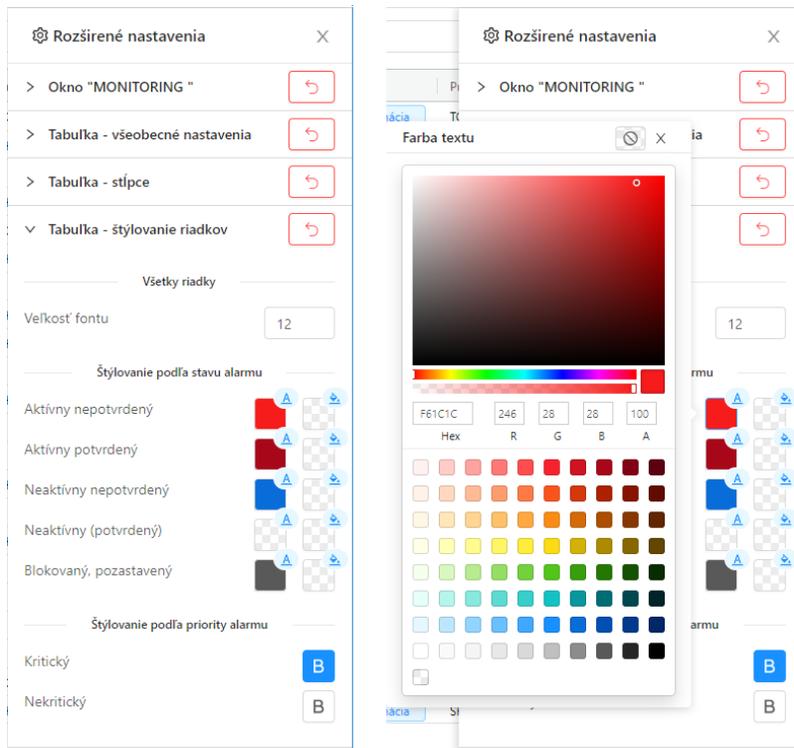
Table Panel - Columns

This panel allows you to hide and show the available table columns. Columns are grouped.

Rozšírené nastavenia	X
> Okno "MONITORING "	
> Tabuľka - všeobecné nastavenia	
▼ Tabuľka - stĺpce ▼ Základné stĺpce <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Meno <input checked="" type="checkbox"/> Popis <input type="checkbox"/> Stav alarmu <input checked="" type="checkbox"/> Čas vzniku udalosti <input checked="" type="checkbox"/> Priorita <input checked="" type="checkbox"/> Príčina udalosti <input checked="" type="checkbox"/> Užívateľ <input checked="" type="checkbox"/> Stará hodnota <input checked="" type="checkbox"/> Nová hodnota <input checked="" type="checkbox"/> Typ udalosti <input type="checkbox"/> Id objektu ▶ <input type="checkbox"/> Užívateľské poznámky ▶ <input type="checkbox"/> Atribútové logické skupiny 	
> Tabuľka - štýlovanie riadkov	

Table Panel - row style

The last panel in the table settings allows you to change the size and style of rows according to the content of individual records. In each table, it is possible to change the font size of all rows of the table via this panel. For some tables (e.g. in the monitoring or alarms window), it is also possible to define the text colour, background and font strength (bold) based on the values in the record (e.g. colouring of active unacknowledged alarms).



After clicking on the colour box, a popup will appear with the option to select a new colour.