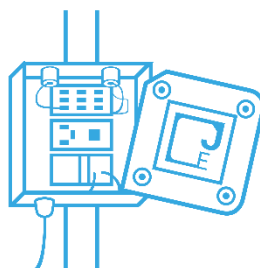


Application
SED Integrator
Manual
V4.2.



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Introduction

This manual informs users about the capabilities of the SED Integrator application. The application is intended primarily for system integrators who manage devices and user accounts for their customers.

This application replaces the earlier SED Control application and also integrates the functions of the SED Presentation application. It combines everything needed for complete SED system management into a single tool:

- Monitoring alerts and devices on a map (formerly SED Presentation).
- Device management and control, and user configuration (formerly SED Control):
 - Device configuration
 - Starting test alerts
 - Downloading the event archive
 - Updating device firmware
 - Filtering events triggered by a device
 - Creating, editing and removing user accounts
 - Assigning devices between users
- Switching between accounts and servers in one place.
- Other application settings - language, notifications, appearance and SW updates.



Figure 1: User interface

The home screen is divided into three main sections with clearly named buttons:

Section	Button	Function
Operations	Outdoor view	Map with devices - position and status monitoring
Operations	Custom view	Custom map background, building interiors
Integration	System control	Management of devices, events and users
System	Connection	Server management and account switching
System	Settings	Language, alerts, appearance, SW updates

This manual applies to GUI application version 4.1.

Installation

The SED application is supplied as a precompiled version for mobile devices or desktop computers. It can be installed on PCs running Windows, Linux and Mac OS, or on mobile devices running Android.

To download installation files for desktop computers, go to the following link: SED Download [SED Download](#)

- **Windows: Download and run the SEDIntegrator_4.1.1_Win64_Install.exe file and follow the instructions.**

To download and install the mobile version of the application, go to:

- **Android: SEDControl Google Play** [SEDControl Google Play](#)

Firewall settings

If the application is installed in a network with strict firewall restrictions, the following exceptions must be implemented to ensure proper operation of the application:

SED Server:

- IP: 80.211.41.205
- Port: 44444
- Main server for communication with devices.

SED Database

- IP: 80.211.27.91
- Port: 443 (8443)
- Cloud database where audio fragments of alerts are stored.

Login

When connecting to the server for the first time, the user must log in. The JALUD Embedded server details are pre-filled automatically:

1. Name (server name): JALUD Embedded Server
2. Host (SED Server IP): 80.211.41.205
3. Port: 44444

If you need to connect to an on-premise/custom server, please follow the SED_Server_4.1_CZ manual.

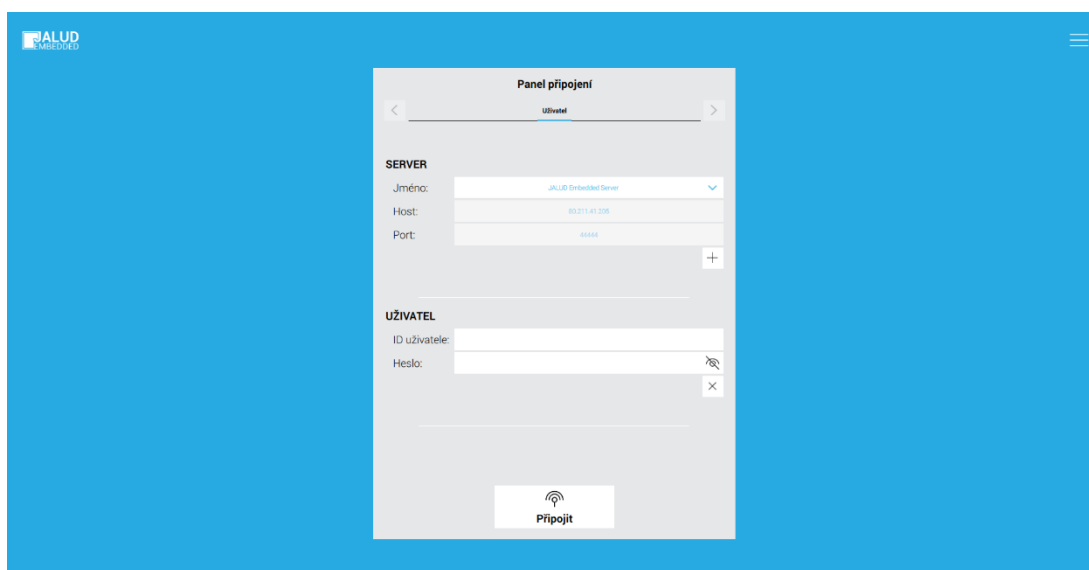


Figure 2: Connecting to the server

User authentication then follows using the username and password provided with the purchase.

Once the user is authenticated, a signed personal SSL certificate is downloaded from the server and no further authentication is required. In case of any issues, please contact us at support@jalud-embedded.com. support@jalud-embedded.com

The password can be changed after the user logs in, in the System Control - User Configuration section. Use the Edit button under the Info tab; see the User Configuration chapter.

After starting the application, the user can connect to another server using the Connection button on the main screen. To change the user or server, it is necessary to disconnect first.

Figure 3: Authentication

Multiple user accounts

A user can have multiple accounts, each with a different set of assigned devices. Each user account has its own unique user ID and password. There are no restrictions on how devices can be divided among user accounts:

- Multiple user accounts may have access to one device.
- A user account may have access to multiple devices.

Adding a new user is described later in the User Configuration - Adding a New User chapter.

User interface

This section provides a brief overview of the main parts of the SEDControl GUI application view.

Figure 4: User interface

Operations

This section enables monitoring of alerts and devices on a map or indoors. Detailed information about this part of the application can be found in the SED Operator manual.

System

The user can modify some basic application settings or switch between user accounts in the System section of the application.

Figure 7: System section

Connection

After starting the application, the user can connect to another server or user account using the Connection button. The Connection panel opens; see the information in the introductory Login chapter.

If the user has multiple user accounts, they can switch between them after the first login without authentication. To change the user or server, it is always necessary to disconnect first.

If the user needs to log in to another account for the first time, clicking the New User button displays the User ID and Password fields, and the user can authenticate using the login credentials provided for the new account. If authentication is successful, the corresponding certificate is downloaded and the new user appears in the user list.

Note: If the account certificate expires, the user must select New User and authenticate again. A new valid certificate will be downloaded and can be used next time.

Settings

The application appearance, language version and notification settings can be configured in Settings.

Application

Under the Application tab, the user can switch between application language versions.

Alarms

Under the Alarms tab, it is possible to manage alarm/notification settings and volume.

If notifications should not remain active at all times, it is possible to set the time period during which the application will notify the user about detected events.

In the next section, it is possible to specify whether and how the user should be notified of detected sound events. Alerts are always active as alarms. The application's response to Events can be set to no notification, notification, or alarm.

The user can set the alert sound notification either to the default or select a custom file in .wav, .mp3 or .svg format. This option is available after disabling the default notification sound.

The alert volume can be adjusted in the lower part of the panel.

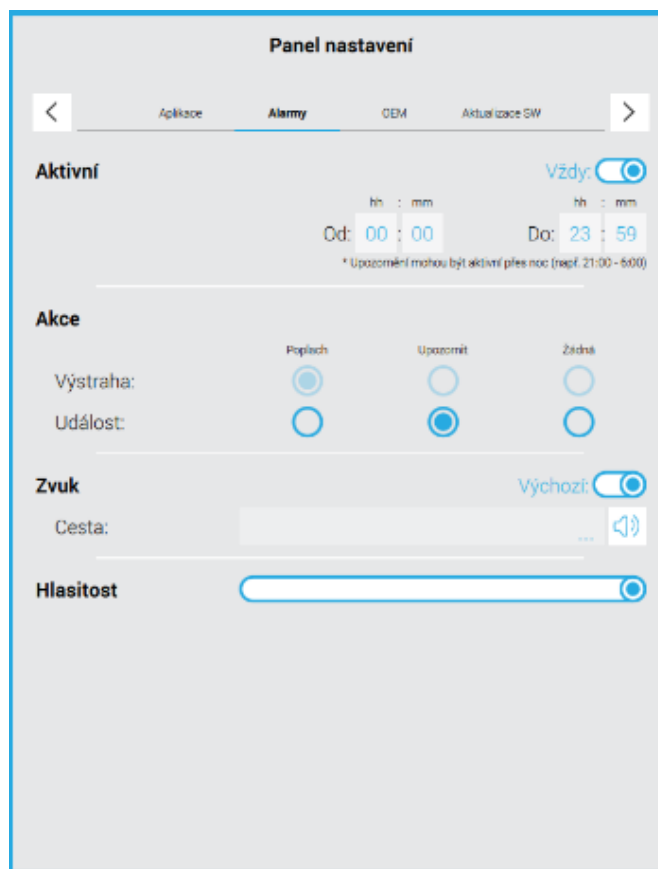


Figure 8: Settings panel

OEM

This setting is very important for all partners who want to present SED devices with this application, but with their own logo and colors.

Logo: If the default setting is checked, the JALUD Embedded logo is displayed on the left side of the application ribbon. If a partner wants to use their own logo, they can uncheck the default box and use the file dialog below to browse to the logo file.

Color overlay: If this option is checked, a color overlay graphic effect is applied to the logo and its color will match the color of the other icons on the background. For most color schemes this is white or black. If the option is not checked, the logo keeps its original colors. We recommend using a logo with a transparent background.

Color scheme: Several color schemes are defined and the user can choose between them. If there is no color theme that suits you, contact us so that we can expand the list.

SW update

This settings menu notifies the user about the availability of a new application version. When a newer version is available, the user is notified in the settings panel. When the current version is marked as obsolete, an error notification is displayed in the settings panel instead.

If the application is not up to date or is obsolete, the SW Update settings panel shows the user the latest version number and a link to download the installation file.

Release notes: The release notes display information about changes in the latest version so that the user can decide whether it makes sense to download the latest application version. Release notes may not be available for the latest version. In that case, the user is informed as shown in the figure above.

Integration

In this section you will find the System Control item, which is used to manage devices, events and users.



Figure 5: System control

After clicking it, an overview of the Device Database, Event Database and User Configuration opens. These parts of the application are described in separate chapters below.

Figure 6: System control

Ribbon

The ribbon is the upper part of the user interface.

The company logo is on the left side of the ribbon. The user can close the application by long-pressing the logo icon. In full-screen mode, this is the way to close the application.

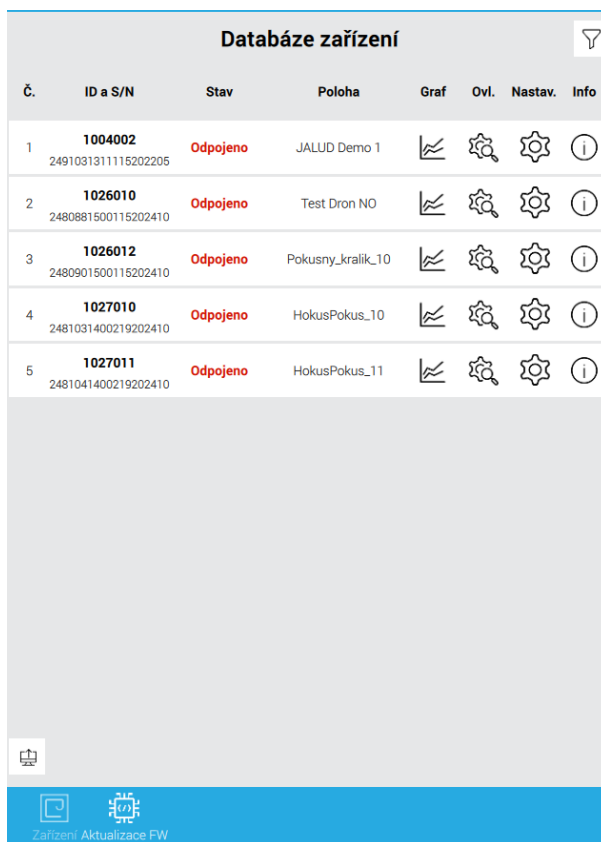
On the right side there is a button that returns the user to the home screen.

Control panel

The control panel is located at the bottom of the application view. It is divided into thirds so that the main view above can be controlled. The left part belongs to the Device Database, the middle part to the Event Database and the right part to User Configuration.

Device database

After a connection to the server is established, all devices assigned to the user are displayed in the Device Database.



Č.	ID a S/N	Stav	Poloha	Graf	Ovl.	Nastav.	Info
1	1004002 2491031311115202205	Odpojeno	JALUD Demo 1				
2	1026010 2480881500115202410	Odpojeno	Test Dron NO				
3	1026012 2480901500115202410	Odpojeno	Pokusny_kralik_10				
4	1027010 2481031400219202410	Odpojeno	HokusPokus_10				
5	1027011 2481041400219202410	Odpojeno	HokusPokus_11				

Figure 7: Device database

The database displays devices one below another. Without using a filter, all devices are displayed. The user can filter devices displayed in the database (based on their current status, ID/SN or name) using the filter symbol located in the upper right corner of the database.

By default, all options in the filter are checked. Clicking the "all" button clears all options. Clicking the filter button again turns filtering off.

Filtering devices based on their ID, serial number or name:

- ID and serial number are searched by their initial characters.
- If the user enters multiple words, the device properties must contain all of them.
- Diacritics are not important.

Filtering devices based on their status:

Figure 8: Filter example

The auxiliary buttons at the bottom of the database can be used to export the device list.

Device panel

The device panel contains information about individual devices. In its normal state, the device panel is shown on the database page together with other devices and displays only basic information. If the user clicks the device panel options, the detail of the given device covers the entire database column, where the user obtains more information about the device and has more options for controlling it. Clicking the cross displays the device database page again.



Figure 9: Device panel

Basic device information:

- ID&S/N: Device ID and serial number. The serial number format differs depending on whether it is a proprietary SED device or SW integrated into an open-platform camera (Axis, Hikvision).
- Status: Device connection status (see table).
- Name: Description selected by the user to identify the device.

Device status	Description
Unregistered	The server is disconnected; the device status is unknown.
Disconnected	The device is disconnected.

Signal lost	The connection to the device has been temporarily lost. If the signal is lost for longer than 3 minutes, the device is marked as disconnected. Alerts from the device may be delayed.
Connected	The device is successfully connected and protects the area.
Outdated SW	The device is connected, but the SW version is outdated - an update is required.

Device management

The device detail panel offers various functions available under individual symbols. The user can switch between these tabs on the device control panel.



Figure 10: Device panel

Graphs

The first icon is used to display the noise measurement graph. Minimum, maximum and average values can be displayed.

The device regularly sends data with ambient noise values in its surroundings. The data is displayed in a graph and can be further analyzed. A sudden increase in the noise level may indicate a potentially dangerous situation (for example, a group of sports fans or a demonstration). The values in the graph may, for example:

- Inform the user about disturbance of night-time quiet.
- Indicate the presence of people in places where no one should be present.

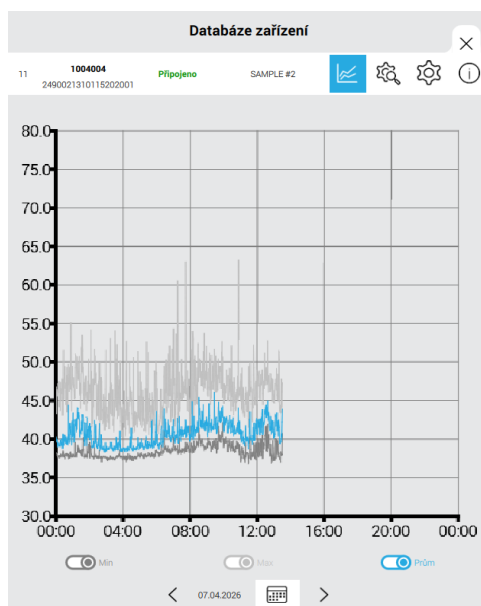


Figure 11: Device panel - Noise graph

Device control

The Device Control tab contains functions for restarting the device, starting test alerts or downloading the device archive.

At the top of the tab there is a status bar. It displays the response from the device or server when the user sends a request.

Zařízení1004007: Trigger alert request passed!

Figure 12: Status bar

Note: If the user sends a command to a device connected via GSM, the response may take up to two minutes. This is because GSM is usually in airplane mode to reduce power consumption and prevent microphone interference. The request is sent to the device as soon as it reconnects.

The control panel is disabled and a busy indicator is displayed until the device responds or the timeout is reached.

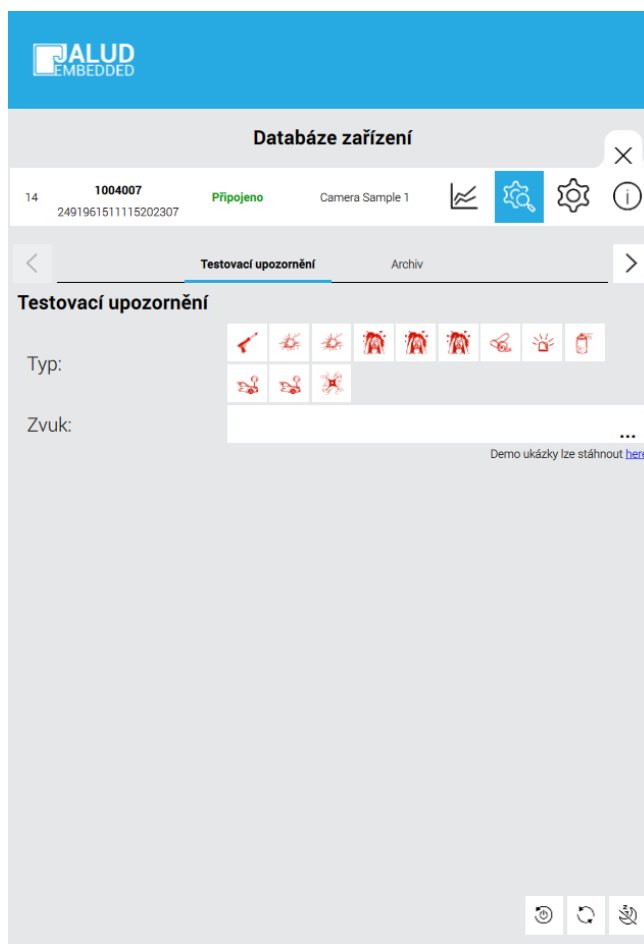


Figure 13: Device detail - Control

Test alerts

The user can trigger an alert to test the system, the operator response, or for any other reason. The alert is triggered by clicking the alert icon. The user can select the alert type according to the alert icons. Alerts for the given alert type must be enabled in the device; otherwise nothing will happen. To check whether an alert is enabled in the device, use the Settings tab. The alert can be sent with or without an alert sound.



Figure 14: Test alerts

To trigger an alert with sound for a more realistic test, click the ... field and select any WAV recording. If the recording is longer than allowed by the device settings, it will be shortened by the device.

Note: When a test alarm is triggered with an alert sound, verification is performed on the server just like with a normal alert. We therefore recommend using the sound of a real alert. Some sample examples can be downloaded from the link on the panel.

Commands

On the control panel, there are additional operations under the buttons at the bottom that may be useful in some situations.

Restart device OS: This command restarts the entire device system. This operation is currently supported only on SED devices. The SED application integrated in a CCTV camera or an application running on a desktop returns the response Request failed.

Restart SED: This command restarts the SED application on the target device. This operation is supported by SED SW running on all platforms.

Keep awake (keep GSM active): As described above, GSM switches to airplane mode when no data is being sent in order to save battery power and prevent microphone interference. When a request is sent from the SEDControl application, it may take up to two minutes for the device to respond. After the response, GSM immediately switches back to airplane mode, and when another request is sent it may take up to another two minutes for the device to respond. To prevent this behavior, the user can use this command to prevent the device from switching GSM to airplane mode for 5 minutes. This command is not relevant for devices that do not use GSM connectivity.



Figure 15: Command panel

Archive

The Archive tab is located next to the test alerts. Devices store all events that are classified, regardless of their class, in the so-called Archive. If certain events in an exact time frame need to be analyzed, part of the archive can be downloaded.

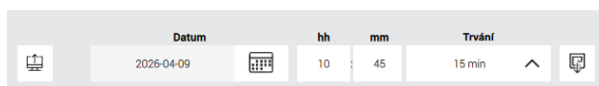


Figure 16: Providing the archive

To set the date, click the calendar button and select a date. The "from" time is set manually. The time range of events provided from the archive can be selected from the drop-down list under the Duration field. Confirm the command by clicking the button on the right. The button is used to export the items provided by the archive.

Please note that storage space in the device for archiving is limited. Once there is not enough space left, the oldest events are deleted to free up space for storing new events. The data stored in the archive depends on the number of events classified by the device each day, but it is usually not older than one week.

When downloading the archive, the device transfers a large amount of data and its normal functionality may be limited. It is therefore recommended to set the shortest possible interval between from and to.

Settings

The Settings tab in the device database displays and controls device settings. Settings cannot be displayed unless the device is in the "Connected" state. When the tab is displayed, the current settings are automatically downloaded from the device. The user can edit the settings and upload them back to the device.

Note: if the device uses GSM connectivity, the device response may take up to two minutes - see above.

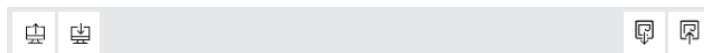


Figure 17: Settings options

The buttons in the lower left part are used to save or load device settings from the computer disk. Clicking the Export settings button downloads and saves the settings of the given device to disk in *.json format. Clicking the Import settings button lets you select a settings file from the computer that you want to upload to the given device. This function is useful if you want to easily upload the same settings to multiple devices.

The buttons in the lower right part are used to upload/download the current settings from the device to the application. Clicking the Download settings button downloads the device settings. If the settings have already been downloaded, clicking the button updates the device settings.

To send the modified settings to the device, click the Upload settings button. After the settings are sent to the device, the user is shown a confirmation of the change.

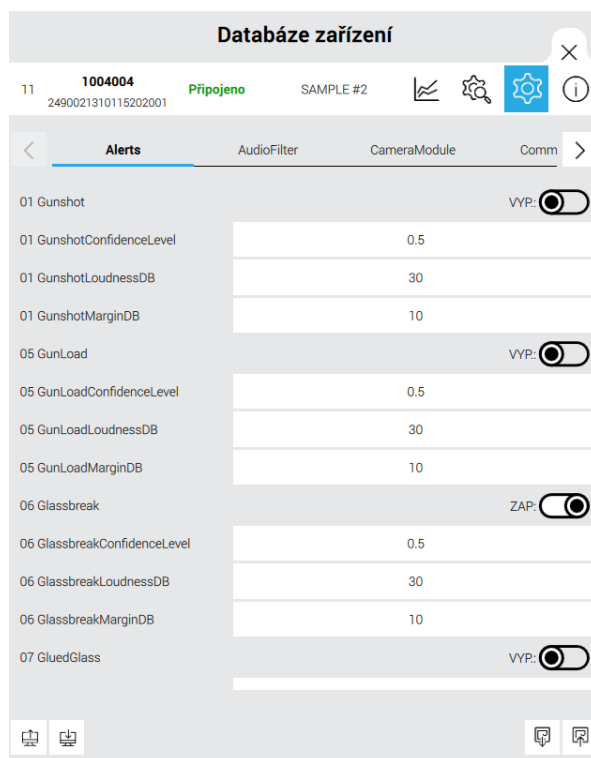


Figure 18: Device settings

Device settings are divided into tabs by topic. The displayed settings are dynamic and show the device settings regardless of the firmware version on the device; however, they may differ depending on the firmware version. More information about the individual device settings options can be found in the SED_Nastaveni_zarizeni_v4.1_CZ manual.



Figure 19: Settings tabs

Device information

This tab is used to view and edit device information. If the operator is not an admin user, they can edit only the device description and location on this tab using the button. The Admin user can create, edit or remove devices. The unique key for a device is its serial number.

The screenshot displays the 'Databáze zařízení' (Device Database) application. At the top, a header bar shows the title 'Databáze zařízení' and a close button. Below the header, a status bar indicates the device ID '1003003', its status 'Připojeno' (Connected), and the user 'JALUD Demo'. A navigation bar below the status bar shows two tabs: 'Zařízení' (Device) and 'Poloha' (Location). The 'Zařízení' tab is active. The main content area is divided into two sections: 'Identita' (Identity) and 'Verze' (Version). The 'Identita' section contains fields for 'ID zařízení:' (1003003), 'S/N:' (00001133310120200101), and 'Poloha:' (JALUD Demo). The 'Verze' section contains fields for 'Model:' (250408_2_base) and 'Licence:' (BASIC). At the bottom of the form, there are two icons: a pencil for editing and a trash can for deleting. The bottom of the screen features a blue navigation bar with icons for 'Zařízení' and 'Aktualizace FW' (Firmware Update).

Figure 20: Device information

The device description helps the operator easily identify which device triggered an alert. It is advisable to fill in any device name in the Description field, by which the device can then be easily distinguished. If the Model field is not filled in, the default model remains on the device. Changing this field can update the device.

The Location tab allows the device location to be specified more precisely. The Outdoor section marks the device location on the map using latitude and longitude (GPS coordinates). The Custom section allows a custom location to be added. Coordinates, floor and building can be entered in the X and Y fields.

Databáze zařízení	
7	1003003
00001133310120200101	Připojeno
JALUD Demo	
Zařízení Poloha	
Venkovní	
Zeměpisná šířka:	49.737
Zeměpisná délka:	13.379653
Vlastní	
X:	0.939394
Y:	0.147373
Patro:	0
Budova:	Žádný

Figure 21: Device location

The above parameters can be edited by any user type. Placing the device on the map background in the Outdoor View or Custom View section of the application automatically writes the values.

Adding a new device

An Admin user can add a device using the button in the Device Database. This procedure is theoretically possible only if the customer uses an on-premise server. The unique key for a device is its serial number.

It is necessary to indicate whether it is an SED sound detector or SW integrated into a camera (Axis/Hikvision). If the operator creates a new device, its serial number must be set. Conversely, the serial number of an existing device cannot be changed.

The device ID is also unique for a device, but it is not mandatory to set it. If the device ID is set, it means the device is assigned to a user account. The Main ID and Customer ID should correspond to the end user's account, and the Object ID part distinguishes the individual devices assigned to the user.

The device ID is calculated as: $1000000 * \text{Main ID} + 1000 * \text{Customer ID} + \text{Object ID}$.

Event database

Received events and alerts are displayed in the Event Database. The difference between alerts and events lies in their meaning:

- Alerts (dangerous or undesirable situations): Gunshot, panic scream, aggression, glass break, graffiti painting, etc. The alert type is displayed in red.
- Events (ordinary situations): Traffic, people, children, construction work, animals, etc.

SED focuses primarily on alerts, but in some situations events can also be useful. In the following description, there is no difference in the processing of events and alerts unless stated otherwise. Events and alerts will continue to be referred to as events in the text.

Databáze událostí						
Č.	Časové razítko	Zařízení	Typ	Přehrát	Obr.	Info
101	09:00:34	58001003	Hudba			
100	08:59:52	58001001	Zabouchnutí dveří			
99	08:59:51	58001003	Vrzání			
98	08:59:16	9001002	Křik			
97	08:59:10	45001001	Bruska			
96	08:56:18	45001001	Bruska			
95	08:54:37	2044006	Dětský křik			
94	08:40:39	45001001	Bruska			
93	08:39:26	1005001	Sprej			
92	08:39:26	1004007	Sprej			
91	08:39:25	1007001	Sprej			
 						
 Zivě  Historie						

Figure 22: Event database

The header allows the user, after clicking the funnel icon, to define what type of events are displayed in the database. Filtering can be performed either by device ID or by alert type.

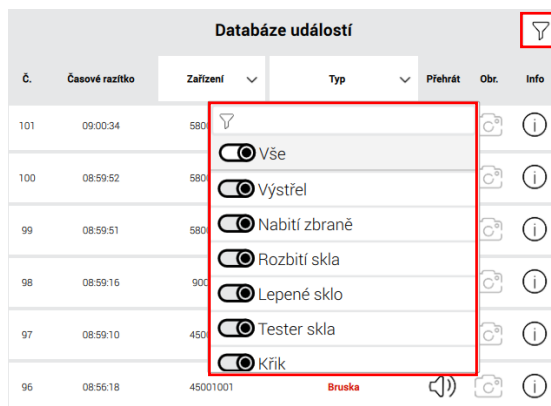


Figure 23: Event type filter

Keep checked the event types you want to display in the database. Other events are hidden until you check the event type again. Clicking the "all" button clears all filter options. Filters can be combined. The user can therefore filter events based on the device that captured the event and based on their type at the same time. Clicking the filter button again turns filtering off. The method described above can be used to filter available events in Live and History modes.

Control panel

The database displays an overview of events in a column, with the newest event always at the top, and the user can move between events by swiping up and down.

The Event Database has two modes - Live and History. The user can switch between them on the left side of the control panel. The current mode is displayed in the lighter theme.



Figure 24: Event control panel

- In most cases, Live mode is active. It displays events detected by devices since the application was started or since the database was last cleared.

- History mode is used to view past events. Arrows are used to move between individual days. The calendar icon can be used to go to a specific date.

The user can save records from the currently displayed page or the entire database by clicking the Export items button at the bottom of the database. The Clear items button can be used to clear the list of displayed events. This change only clears events in Live mode; events can still be displayed in History mode.

Event panel

The event panel contains information about individual events. Usually, individual event panels are arranged below one another as a list and contain only basic information.

Alert information includes:

- The event order within the active date.
- The timestamp when the recording was activated.
- The ID of the device on which the alert was recorded.
- Event/alert type - gunshot, glass break, scream, etc.
- Play button - plays the audio recording of the event.
- Image button - if the device contains a camera module, images from the time of the alert can be displayed.
- Info button - displays a panel with additional information.

2	12:58:17	1004007	Výstřel			
1	12:56:13	2044006	Lidé			

Figure 25: Alert information panel

Event detail panel

The first tab, Play, allows the audio recording of the given event to be played. If this option is not available, the icon is displayed in the lighter theme.

- When an alert is triggered, the device can send an audio sample together with the event. This audio sample lasts a maximum of 1.5 seconds and therefore does not violate GDPR because it cannot be assigned to any specific person - see [GDPR study].

- If an audio recording is available, the Play button is active and the user can play the recording by clicking this button. If no audio recording is available, the Play button is inactive (the icon is displayed in the lighter theme).

If the event was triggered by a device with a camera module, the event contains photographs under the Image tab as additional information about the situation. If images are available, the event control panel shows the option to switch between graph and image tabs. If this option is not available, the icon is displayed in the lighter theme.

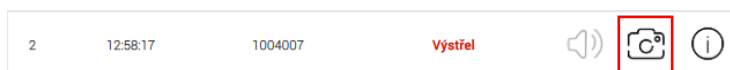


Figure 26: Event control panel

If the user clicks the Info button, additional information about the received event expands.

Figure 27: Event information

Under the Event tab you will find Event information, which includes:

- **Energy: Event volume in dB. This information, compared with ambient noise, may be useful for optimal device settings - see the device Settings chapter.**
- **Ambient: Noise around the device in dB.**
- **Confidence level: The confidence, expressed as a percentage, that this is the identified alert type.**
- **Date & Time: Date and exact start time of the event.**

If operator feedback is provided for the given event, the Feedback tab displays the event category (danger, no issue, etc.) and any note.

Figure 28: Event information

Images

The Images tab contains images from the time when the event was detected. Based on the device settings, some images are from before the event was detected and some after it. Usually, the time gap between two images before event detection is larger than after it.

Figure 29: Event detail - Images

The user can export and save alerts, including images and recordings, to the local computer. Events since the application was started can be saved from Live mode. If you want to save events for a specific day, go to that date in the alert history. Press the export button and select the folder where the data should be saved.

Event information is saved in the alerts_yyyymmdd.json file, audio recordings are exported to the records folder, and images are exported to the pictures folder.

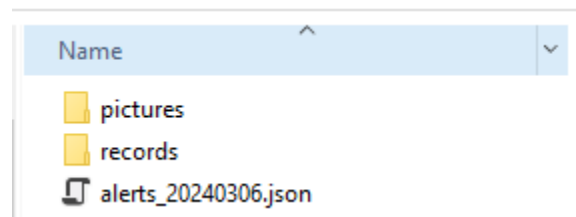


Figure 30: Exported alerts

User configuration

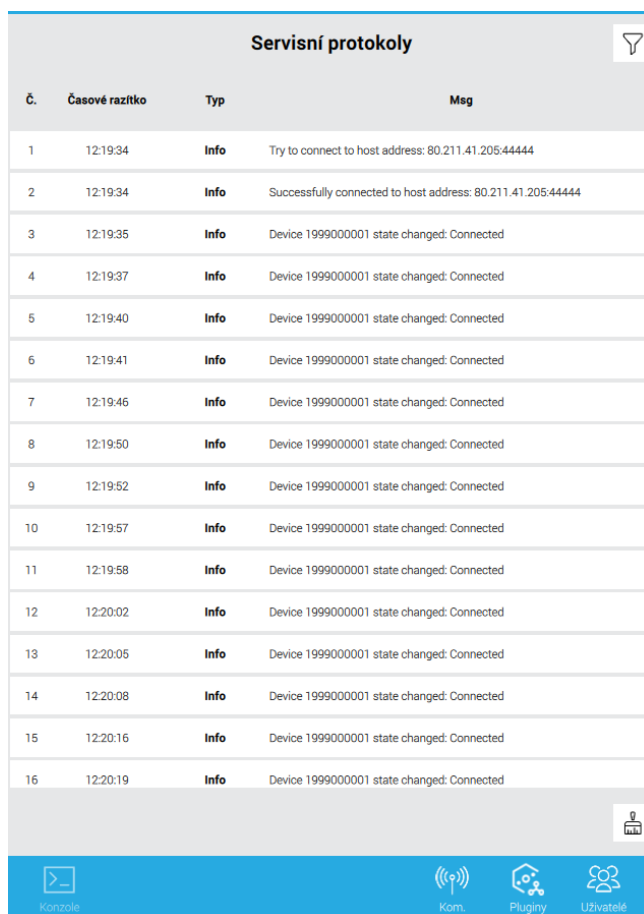
User Configuration is the last part of the application's graphical user interface. It contains several functions, and the user can switch between tabs on the Control Panel.



Figure 31: Control panel

Console

The console displays service logs to the user (for example, logging information and notifications about device status changes). The user can clear the database by clicking the Clear items button. Information can also be filtered by log severity type (Type) or message text (Msg).



Servisní protokoly			
Č.	Časové razítko	Typ	Msg
1	12:19:34	Info	Try to connect to host address: 80.211.41.205:4444
2	12:19:34	Info	Successfully connected to host address: 80.211.41.205:4444
3	12:19:35	Info	Device 1999000001 state changed: Connected
4	12:19:37	Info	Device 1999000001 state changed: Connected
5	12:19:40	Info	Device 1999000001 state changed: Connected
6	12:19:41	Info	Device 1999000001 state changed: Connected
7	12:19:46	Info	Device 1999000001 state changed: Connected
8	12:19:50	Info	Device 1999000001 state changed: Connected
9	12:19:52	Info	Device 1999000001 state changed: Connected
10	12:19:57	Info	Device 1999000001 state changed: Connected
11	12:19:58	Info	Device 1999000001 state changed: Connected
12	12:20:02	Info	Device 1999000001 state changed: Connected
13	12:20:05	Info	Device 1999000001 state changed: Connected
14	12:20:08	Info	Device 1999000001 state changed: Connected
15	12:20:16	Info	Device 1999000001 state changed: Connected
16	12:20:19	Info	Device 1999000001 state changed: Connected

Figure 32: Service logs

Com

This panel is used to set up or configure server communication protocols. Regular users do not have access to this function. The individual options are further described in the SED_Server_4.1_CZ manual.

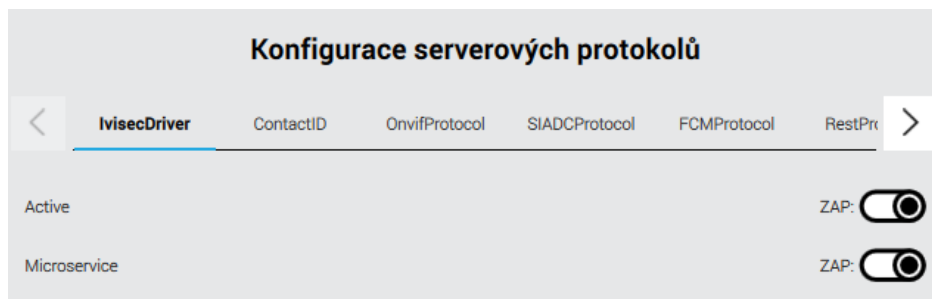


Figure 33: Server protocol configuration panel

Plugins

This panel is used to set up or configure server functional plugins. Regular users do not have access to this function. The individual options are further described in the SED_Server_4.1_CZ manual.

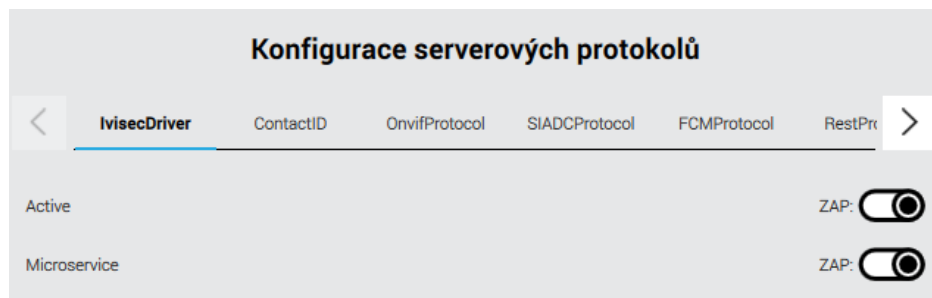


Figure 34: Plugin configuration panel

User configuration

The Users panel is used to edit the configuration of users and devices stored on the server. The server is responsible for storing the configuration of existing devices, user accounts and lists of devices assigned to individual users. In this section, the user operating the application and sending requests to the server will be referred to as the operator.

The range of actions that the operator can perform depends on their permissions. Permissions depend on the user type.

There are 3 user types:

- **Common user:** This type of user account usually belongs to end users who have a set of devices available for monitoring. Its permissions are very limited. A common user can change their own password and the description of devices assigned to them.
- **Super:** A Super user has the same permissions as a Common user and can also manage subordinate (common) accounts. Managing subordinate user accounts means that they can create, edit or remove accounts and select the set of devices to which the subordinate user will have access. Super accounts usually belong to integrators who manage accounts for multiple end users and assign devices to them based on ownership.
- **Admin:** An Admin user has the right to create, edit or remove user accounts of all types and is the only user type that can create or remove devices. Admin has access to all devices registered on the server and to all user accounts. This user type should be available only to the server owner.

Figure 35: Configuration panel - user types

Devices

The Devices tab contains a list of devices assigned to individual users. A common user can display this list, but cannot edit it. A user with higher permissions can assign devices to and remove devices from subordinate accounts.

Using the Edit button, it is possible to assign new devices to a user or edit the list of existing devices available to the user. Devices can be filtered by their ID, serial number or description. Adding a new device is possible in the device database.



Figure 36: User device panel

Com. configuration

On the Com. tab, it is possible to view and, depending on permissions, edit the communication protocol configuration. More information can be found in the SED_Server_4.1_CZ manual.

User information - password change

Under the Info tab, user account information can be displayed. The button can be used to easily change the name and password. This option is available to all users. A user with higher permissions can also change the name and password of subordinate user accounts in this way.

Here it is also possible to fill in the user's contact email address, which is used to send regular reports. The report language can be selected as either Czech or English. The change must be confirmed at the bottom of the screen using the button; otherwise the data will not be saved.

Konfigurace uživatelů

10 10002 Běžný Kufr

Informace o uživateli

Identita

Hlavní Zákazník Osobní

ID uživatele: 1 0 2 10002

Jméno: Kufr

Heslo: [password field]

Potvr. hesla: [password field]

Kontakt

E-mail: [email field]

Varianta: čeština

Konzole Kom. Pluginy Uživatelé

Figure 37: User information panel

Adding a new user

If the user has the required permissions (admin, super user), they can create a new user using the New User button. The unique key of a user account is the User ID. It consists of two parts - the main ID and personal ID. The User ID is calculated as:

- $10000 * \text{Main ID} + \text{Personal ID}$

The Main ID identifies a user group, for example a group of end users managed by an integrator. A Super User can create only subordinate Common User accounts with the same Main ID as their own. The User ID assignment process is planned to be automated in future versions.

Vytvořit uživatele

Informace o uživateli

Identita

Běžný Super Admin

Hlavní Zákazník Osobní

ID uživatele: 62 0 0 620000

Jméno:

Heslo:

Potvr. hesla:

Kontakt

E-mail:

Varianta: čeština

Vytvořit položku? ✓ ✕

Figure 38: Adding a new user

The operator must set and confirm a password for the new user account. We also recommend filling in the contact email and language version.

After creating the new user, the operator can assign devices to the user account and further configure the settings as described above.

System

The user can modify some basic application settings or switch between user accounts in the System section of the application.

Figure 39: System section

Connection

After starting the application, the user can connect to another server or user account using the Connection button. The Connection panel opens; see the information in the introductory Login chapter.

If the user has multiple user accounts, they can switch between them after the first login without authentication. To change the user or server, it is always necessary to disconnect first.

If the user needs to log in to another account for the first time, clicking the New User button displays the User ID and Password fields, and the user can authenticate using the login credentials provided for the new account. If authentication is successful, the corresponding certificate is downloaded and the new user appears in the user list.

Note: If the account certificate expires, the user must select New User and authenticate again. A new valid certificate will be downloaded and can be used next time.

Settings

The application appearance, language version and notification settings can be configured in Settings.

Application

Under the Application tab, the user can switch between application language versions.

Alarms

Under the Alarms tab, it is possible to manage alarm/notification settings and volume.

If notifications should not remain active at all times, it is possible to set the time period during which the application will notify the user about detected events.

In the next section, it is possible to specify whether and how the user should be notified of detected sound events. Alerts are always active as alarms. The application's response to Events can be set to no notification, notification, or alarm.

The user can set the alert sound notification either to the default or select a custom file in .wav, .mp3 or .svg format. This option is available after disabling the default notification sound.

The alert volume can be adjusted in the lower part of the panel.

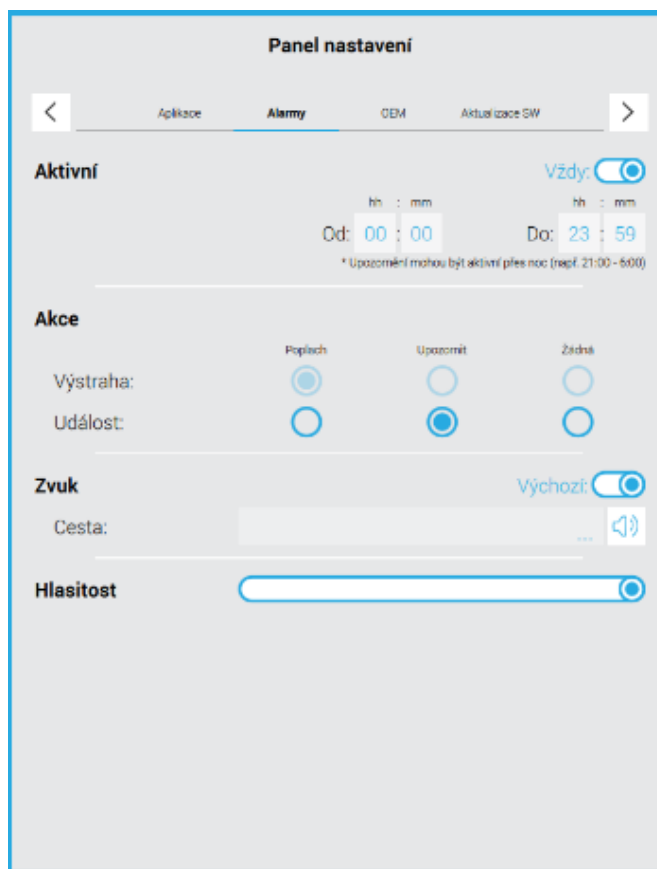


Figure 40: Settings panel

OEM

This setting is very important for all partners who want to present SED devices with this application, but with their own logo and colors.

Logo: If the default setting is checked, the JALUD Embedded logo is displayed on the left side of the application ribbon. If a partner wants to use their own logo, they can uncheck the default box and use the file dialog below to browse to the logo file.

Color overlay: If this option is checked, a color overlay graphic effect is applied to the logo and its color will match the color of the other icons on the background.

For most color schemes this is white or black. If the option is not checked, the logo keeps its original colors. We recommend using a logo with a transparent background.

Color scheme: Several color schemes are defined and the user can choose between them. If there is no color theme that suits you, contact us so that we can expand the list.

SW update

This settings menu notifies the user about the availability of a new application version. When a newer version is available, the user is notified in the settings panel. When the current version is marked as obsolete, an error notification is displayed in the settings panel instead.

If the application is not up to date or is obsolete, the SW Update settings panel shows the user the latest version number and a link to download the installation file.

Release notes: The release notes display information about changes in the latest version so that the user can decide whether it makes sense to download the latest application version. Release notes may not be available for the latest version. In that case, the user is informed as shown in the figure above.