

# Infotainment database

## User Guide

Created by Vojtěch Sillik

Updated at 7. 5. 2025

## Contents

User roles.....	3
Basic controls.....	4
Login screen.....	4
Application layout.....	4
Filling in forms .....	5
Editing your profile .....	5
Changing your password .....	5
Listing infotainments .....	5
Downloading infotainment profile .....	6
Actions available for Operator user .....	7
Infotainment manufacturers.....	7
List.....	7
Create .....	7
Show detail.....	7
Edit .....	7
Serializer manufacturer .....	7
List.....	7
Create .....	8
Show detail.....	8
Edit .....	8
Infotainment .....	8
List.....	8
Create .....	8
Show detail.....	8
Edit .....	8

Infotainment profile .....	8
List .....	8
Create.....	8
Show detail .....	9
Edit.....	10
Actions available for Validator user .....	10
Infotainment profile .....	10
Approve.....	10
Actions available for Administrator user .....	10
Infotainment manufacturer .....	10
Delete .....	10
Serializer manufacturer.....	10
Delete .....	10
Infotainment .....	10
Delete .....	10
Assign users .....	10
Infotainment profile .....	11
Delete .....	11
User.....	11
List.....	11
List marked as deleted .....	11
Create.....	11
Show detail.....	11
Edit .....	11
Assign infotainments .....	11
Approve.....	12
Unapprove.....	12
Mark as deleted .....	12
Restore .....	12
Delete permanently.....	12
Application configuration .....	12

## User roles

Application offers several user roles:

- Customer
- Operator
- Validator
- Administrator

Each allowed action for each user role is specified in the table below.

Action	Customer	Operator	Validator	Administrator
Update own user profile and password	Yes	Yes	Yes	Yes
View, create and update infotainment manufacturers	No	Yes	Yes	Yes
Delete infotainment manufacturers	No	No	No	Yes
View, create and update serializer manufacturers	No	Yes	Yes	Yes
Delete serializer manufacturers	No	No	No	Yes
View infotainments	Yes <sup>1</sup>	Yes	Yes	Yes
Create and update infotainments	No	Yes	Yes	Yes
Assign infotainments to users	No	No	No	Yes
Delete infotainments	No	No	No	Yes
List infotainment profiles	Yes <sup>1</sup>	Yes	Yes	Yes
View, create and update infotainment profiles	No	Yes	Yes	Yes
Download infotainment profiles	Yes <sup>1</sup>	Yes	Yes	Yes
Approve infotainment profiles	No	No	Yes	Yes
Delete infotainment profiles	No	No	No	Yes
List, create, update and delete users	No	No	No	Yes
List deleted users, recover and permanently delete users	No	No	No	Yes
Assign infotainments to users	No	No	No	Yes

---

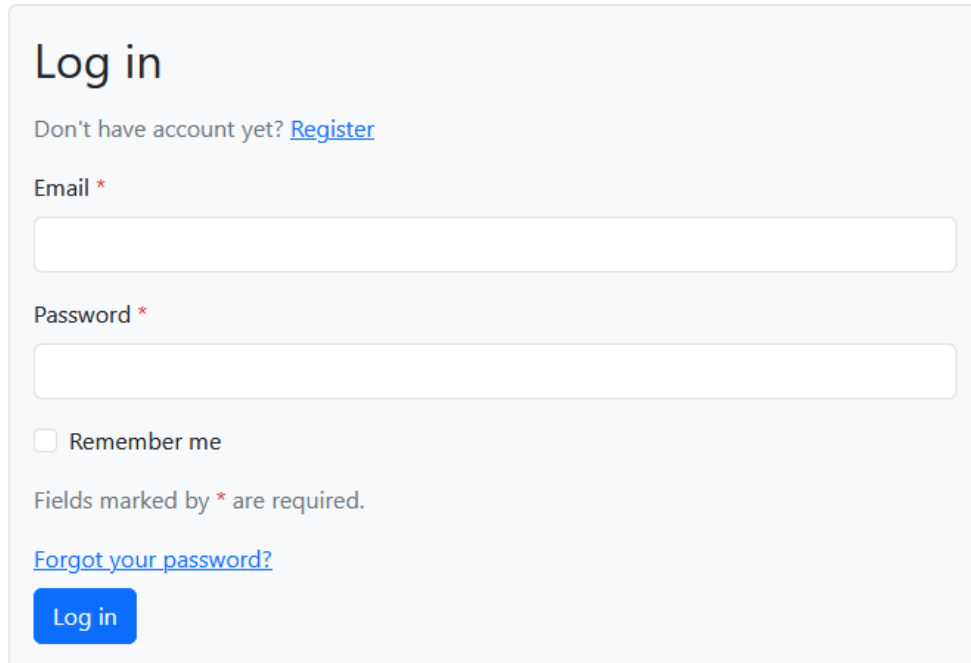
<sup>1</sup> Only assigned infotainments

## Basic controls

### Login screen

You can log in via the login form shown on screenshot below, which is available after accessing the application in your browser.

## Infotainment database



The screenshot shows a login form titled "Log in" within a light gray box. At the top, it says "Don't have account yet? [Register](#)". Below this are two input fields: "Email \*" and "Password \*", both with red asterisks indicating they are required. The "Email" field is a simple text input, while the "Password" field is a password input with a small eye icon to toggle visibility. Below the password field is a checkbox labeled "Remember me". At the bottom, there is a link "[Forgot your password?](#)" and a blue "Log in" button.

If you have forgotten your password, click the “Forgot your password?” link where you can request a reset password email.

If you do not have an account yet, you can use the “Register” link to create one.

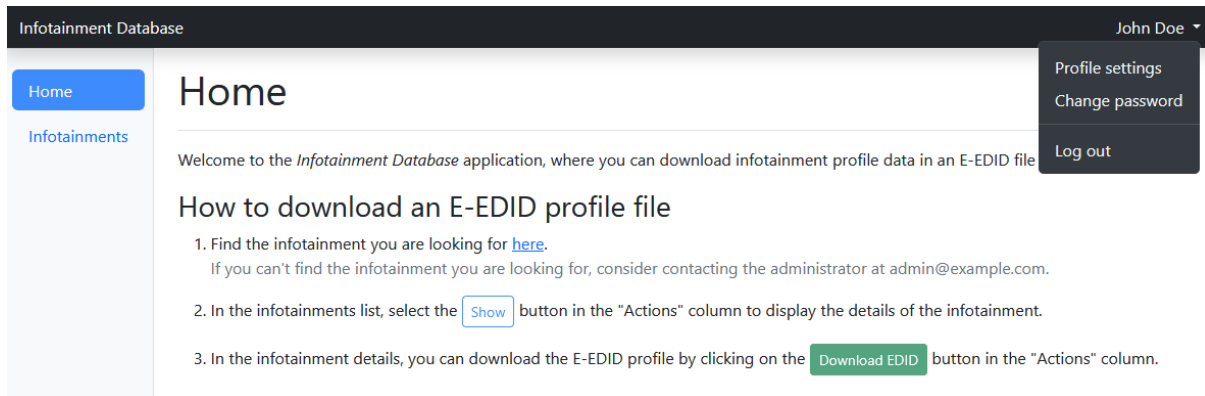
Note: You can access the application only when your account is manually approved by the site administrator, you will receive email notification upon approval. If your account is not approved or has been deleted, you will be displayed a message preventing you from accessing the application.

### Application layout

The base application layout is shown on the screenshot below (example for a user with Customer role). The layout is same for all roles.

- Top bar (header): contains the application name, and on the right, the logged-in user’s name. Clicking on your name opens a dropdown menu with links to Profile settings, Change password and Logout.
- Left side: the main navigation menu. Menu items vary depending on the user role.

- Right side of the menu: main content, on the screenshot below is shown a quick tutorial for Customer user role.



## Filling in forms

Some form inputs may include a note specifying valid input values.

If invalid data is entered, an error message will be displayed, and the invalid fields will be highlighted in red with an explanation of the issue. Example is shown in the screenshot below.

The image shows a form validation example. At the top, a pink rounded rectangle contains the message: 'Some fields (highlighted in red) contains errors, please correct them.' Below this, there's a label 'Name \*'. Under the label is a text input field with a red border and a red error icon (a circle with an exclamation mark) on the right. Below the input field, the text 'This field is required.' is displayed in red.

Fields marked with asterisk (“\*”) are required.

## Editing your profile

You can edit your profile settings by clicking the link “Profile settings” in the dropdown menu shown in section “Application layout”. Here, you can update your name.

To change your email address, please contact the site administrator.

## Changing your password

You can change your password by clicking the link “Change password” in the dropdown menu shown in section “Application layout”.

## Listing infotainments

Click the “Infotainments” menu item to view a list of assigned infotainments, as shown in the screenshot below.

You can filter infotainments (note: not all columns support filtering). You can change numbers of displayed items per page using the dropdown in the bottom-right corner. These options are available on all pages with list of entities.

Click the “Show” button to display detail of a selected infotainment.

Infotainment Database

John Doe

Home

Infotainments

Home > Infotainments

Infotainments

Infotainment manufacturer	Model year	Part number	Diagonal size	Resolution	Actions
<input type="text"/>	From <input type="text"/> To <input type="text"/>	<input type="text"/>			<div>Filter</div>
Infotainment manufacturer 1	1990	123.AAA.BBB.C	107.9"	2045x1087	<div>Show</div>
Infotainment manufacturer 2	2025	AAA.456.GRH	51.1"	2048x1897	<div>Show</div>
Infotainment manufacturer 2	2025	123.AAA.BBB.F	19.7"	1054x2048	<div>Show</div>
Infotainment manufacturer 2	2021	EHA.BBB.ERF.X	68.5"	123x123	<div>Show</div>

Items per page 25

## Downloading infotainment profile

In the infotainment detail view, approved profiles are listed. If no approved profiles are available, all unapproved profiles will be shown, along with a warning to use them at your own risk.

Users with the Operator role or higher can see all profiles (both approved and unapproved).

To download a specific infotainment profile in E-EDID format, click the “Download EDID” button next to the selected profile.

Users with the Operator role or higher can download the profile in E-EDID format also from the profile detail page (using the “Show” button). Unapproved profiles can be downloaded only from profile detail page for these users.

Infotainment Database
John Doe

Home
Infotainments

Home > Infotainments > 123.AAA.BBB.F

# Infotainment

Infotainment parameters
Infotainment manufacturer
Infotainment manufacturer 2
Model year
2025
Part number
123.AAA.BBB.F

Parameters of latest approved profile
Diagonal size
19.7"

Infotainment profiles

Profile number	Updated at	Actions
2	27.03.2025	Download EDID
1	27.03.2025	Download EDID

## Actions available for Operator user

Operator users are can also perform actions of Customer user role.

### Infotainment manufacturers

#### List

You can list infotainment manufacturers on the “Infotainment manufacturers” page (accessible from the left menu).

#### Create

First make sure that the manufacturer does not exist yet on the “Infotainment manufacturers” page. You can create a new manufacturer by clicking the “Create infotainment manufacturer” button on this page.

#### Show detail

You can go to the detail of a infotainment manufacturer by clicking the “Show” button for the selected manufacturer on the “Infotainment manufacturers” page.

#### Edit

You can edit the infotainment manufacturer by clicking the “Edit” button, either in the detail of the manufacturer or in the “Infotainment manufacturers” page.

### Serializer manufacturer

#### List

You can list serializer manufacturers on the “Serializer manufacturers” page (accessible from the left menu).

7

## Create

First make sure that the manufacturer does not exist yet on the “Serializer manufacturers” page. You can create a new manufacturer by clicking the “Create serializer manufacturer” button on this page.

## Show detail

You can go to the detail of a serializer manufacturer by clicking the “Show” button for the serializer manufacturer on the “Serializer manufacturers” page.

## Edit

You can edit the serializer manufacturer by clicking the “Edit” button, either in the detail of the manufacturer or in the “Serializer manufacturers” page.

## Infotainment

### List

You can list infotainments on the “Infotainments” page (accessible from the left menu).

## Create

First make sure that the infotainment does not exist yet on the “Infotainments” page. You can create a new infotainment by clicking the “Create infotainment” button on this page.

Note: Before creating infotainment make sure that the infotainment and serializer manufacturers exists.

## Show detail

You can go to the detail of an infotainment by clicking the “Show” button for the infotainment on the “Infotainments” page.

## Edit

You can edit the serializer manufacturer by clicking the “Edit” button, either in the detail of the manufacturer or in the “Serializer manufacturers” page.

## Infotainment profile

### List

How to list infotainment profiles is described in the “Basic controls” section.

Each profile will have “Approved” badge when approved. When extra timing is set it will have the “Extra timing” badge.

## Create

You can create a new infotainment profile by clicking the “Create infotainment profile” button in the infotainment detail page. The creation form is shown in the screenshot below. At the top of the page are displayed parameters of the infotainment. The



infotainment profile parameters are split into multiple tabs. When there is an invalid data in any field, the corresponding tab will be highlighted in red.

You can also use the “Copy” button at the existing profile (in the list of infotainment profiles or profile detail page) to copy an existing profile and save it as a new profile.

[Home](#) > [Infotainments](#) > [123.AAA.BBB.C](#) > Create profile

## Create infotainment profile

<b>Infotainment manufacturer</b>	Infotainment manufacturer 1
<b>Serializer manufacturer</b>	Serializer manufacturer 1 (SMA)
<b>Product ID</b>	AAAA
<b>Model year</b>	1990
<b>Part number</b>	123.AAA.BBB.C

Base information

Additional information

Timing

Extra Timing

Color bit depth \*

8-bit

Interface \*

HDMI-a

Horizontal size \*

The value must be between 1-255.

Vertical size \*

The value must be between 1-255.

☐ YCrCb 4:4:4

☐ YCrCb 4:2:2

☐ sRGB

☐ Continuous frequency

Fields marked by \* are required.

Save

When entering the extra timing, the “Enable extra timing” option must be checked in the “Extra Timing” tab. Fields in this tab marked by asterisk (“\*”) are required only if this option is enabled.

To fill in vendor blocks in the “Additional information” tab you need to first enable required number of bytes by clicking “Add byte” or “Remove byte” buttons. Visible byte inputs need to be filled in. You can also click the “Guide” button to open guide for filling in these blocks. This guide can be also used to view the entered data.

### Show detail

You can go to the detail of an infotainment profile by clicking the “Show” button in the list of profiles.

## Edit

You can edit the infotainment profile by clicking the “Edit” button, either in the detail of the profile or in the list of infotainment profiles.

## Actions available for Validator user

Validator users are can also perform actions of Operator user role.

### Infotainment profile

#### Approve

You can start review of the infotainment profile by clicking the “Approve” button, either in the detail of the profile or in the list of infotainment profiles.

On this page you can correct any mistakes in parameters. The profile will be approved by clicking the “Approve” button at the bottom of this page.

## Actions available for Administrator user

Administrator users are can also perform actions of Validator user role.

### Infotainment manufacturer

#### Delete

You can delete the infotainment manufacturer by clicking the “Delete” button, either in the detail of the manufacturer or in the list of infotainment manufacturers.

Note: Infotainment manufacturer can be deleted only if no infotainments are assigned to this manufacturer.

### Serializer manufacturer

#### Delete

You can delete the serializer manufacturer by clicking the “Delete” button, either in the detail of the manufacturer or in the list of serializer manufacturers.

Note: Serializer manufacturer can be deleted only if no infotainments are assigned to this manufacturer.

### Infotainment

#### Delete

You can delete the infotainment by clicking the “Delete” button, either in the detail of the infotainment or in the list of infotainments.

Note: Infotainment can be deleted only if no profiles are created for this infotainment.

### Assign users

You can assign users to multiple infotainments on the “Infotainments” page. First select infotainments via the checkbox, you can also use the “Select all” button to

select all visible infotainments on the page, then click the “Assign users to select infotainments”.

On the next page you will see overview of all selected infotainments. Below you can see approved Customer users to assign the infotainments to.

Select users by clicking the checkboxes, you can also use the “Select all” button to select all users. Click the “Save” button to assign the infotainments to the selected users.

### Infotainment profile

#### Delete

You can delete the infotainment profile by clicking the “Delete” button, either in the detail of the profile or in the list of infotainment profiles.

### User

#### List

You can list users on the “Users” page (accessible from the left menu).

#### List marked as deleted

You can list users that are marked as deleted on the “Deleted users” page which is accessible from the “Users” page by clicking the “Show deleted” button.

#### Create

You can create a new user by clicking the “Create user” button on the “Users” page. The created user will have Customer role and won’t be approved.

Note: When creating user this way, the user won’t receive the registration notification email.

#### Show detail

You can go to the detail of a user by clicking the “Show” button for the user on the “Users” page.

#### Edit

You can edit the user by clicking the “Edit” button, either in the detail of the user or in the “Users” page. User’s name, email address, password and user role can be changed here.

When you leave the password field empty, the user’s password will remain the same.

### Assign infotainments

You can assign infotainments to the Customer user by clicking “Assign infotainments” button, either in the of the user or on the “Users” page.

On the next page you can select infotainments, or you can use the “Select all” button to select all, also if all infotainments are selected you can use “Deselect all” button to deselect all. Click the “Save” button to assign the selected infotainments to the user.

#### Approve

You can approve the user by clicking the “Approve” button, either in the detail of the user or in the “Users” page.

The user will receive an email notification when approved.

#### Unapprove

You can unapprove the approved user by clicking the “Unapprove” button, either in the detail of the user or in the “Users” page.

#### Mark as deleted

You can mark the user as deleted by clicking the “Delete” button, either in the detail of the user or in the “Users” page.

Marking the user as deleted will also unapprove the user.

#### Restore

You can restore a user marked as deleted on the “Deleted users” page by clicking the “Restore” button.

#### Delete permanently

You can permanently delete a user marked as deleted on the “Deleted users” page by clicking the “Force delete” button.

Note: The user can be deleted only if the user is not author of latest change of any entity or did not create any entity.

## Application configuration

Application is configured via the “.env” file in the source code of the application.