



## Documentation

### AVA (Advanced Visual Analyzer for Entities and Relationship)

Function Extension of FORMAT-SAM



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## Preface

Dear User,

In this documentation, we show how AVA (Advanced Visual Analyzer for Entities and Relationship) can facilitate the analysis of business contacts in your daily routine. Please take the time to read through this documentation to fully utilize the benefits this software offers you.

Words displayed in blue (underlined) are references, and you can access the reference source with a mouse click.

You are welcome to have AVA (Advanced Visual Analyzer for Entities and Relationship) visually demonstrated:

[Watch the explainer video now.](#)

We hope that our documentation supports and eases your work. Therefore, we gladly welcome your wishes and suggestions to incorporate them into our future work.

Yours FORMAT Software Service GmbH

## 1 Access

You access AVA in **FORMAT-SAM** via a link in the [sanctions list data of an inspection result](#) in the **AVA profile field**.

AVA is web-based, so it does not open in FORMAT-SAM, but separately in the internet browser.

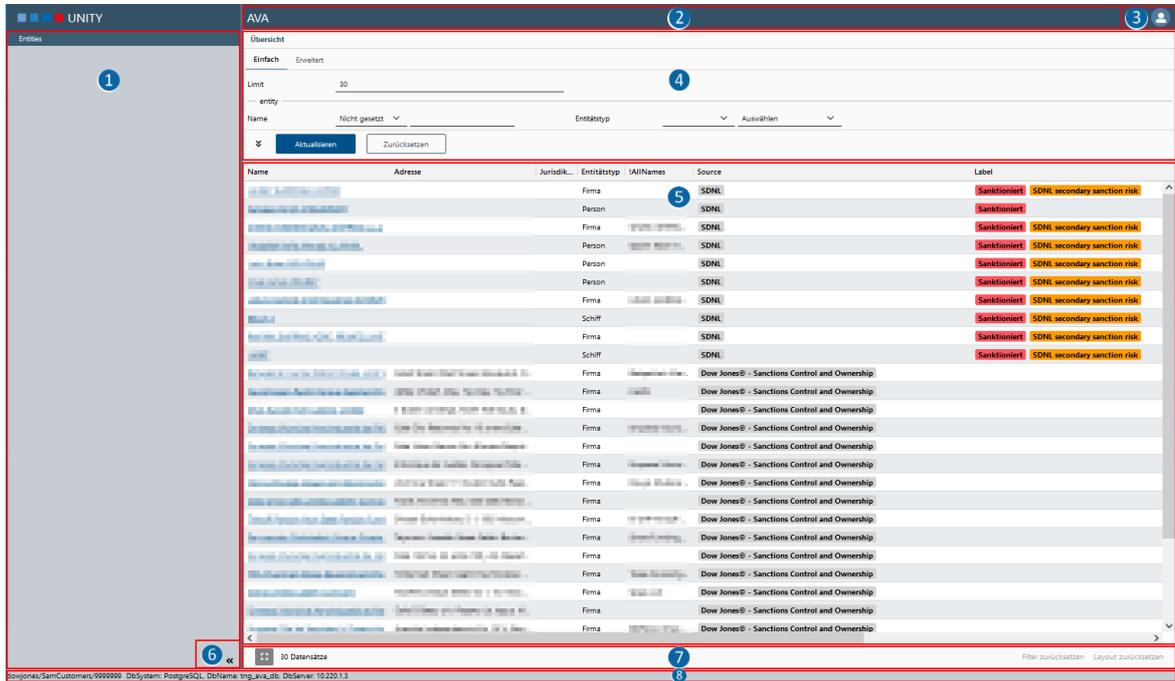
## 2 Analysis with AVA

How to analyse relationships with AVA:

1. In FORMAT-SAM, enter a data record for checking in the **individual check** or **search** area.
  - The sanctions list check is triggered.
  - If the sanctions list check yields results, the results are displayed.
2. Select an entry from the results.
  - All available details of this hit are displayed in the sanctions list data area.
3. Click on the corresponding AVA link in the **AVA profile field**.
  - You will be automatically redirected to AVA.
4. Log in with your access data.
  - The desired entity is displayed in AVA including all available information.  
**Note:** All sanctions list entries in the FORMAT sanctions lists are listed regardless of your subscribed sanctions lists.

### 3 Programme interface

Elements of the programme interface:



- 1 Menu Area**

In the menu area, you can access an overview of the **entities** with a search function by clicking on the Entities program item. You can hide the menu area with the double arrow pointing left **6**. You can show it again with the double arrow pointing right (not shown).
- 2 Title Bar**

In the title bar, the selected module is displayed. You can configure the display and log out using the button  **3**.

The following display settings are possible:

  - **Font size:** You can change this using the - / + buttons or reset it to the default value (default value 13.0) using the **Default** button.
  - **Display:** Here you can choose between a light and a dark theme.
  - **Settings:**
    - Reset dialogues: This resets all individual dialogue settings.  
**Example:**  
In various dialogues, select **Do not show demand again**. Use the **Reset dialogues** option to cancel this selection for all dialogues and the respective dialogue will be displayed again in the corresponding situation.
    - Show info text: Here you can decide whether you want to display tooltips with the option **Yes**, or not (option: No).
  - **Log out:** Use this option to log out.

**Note:** The changes will only take effect after the website has been reloaded.

<p><b>4</b> Search Area</p>	<p>In this area you can specify the display and <a href="#">search criteria</a> for the overviews.</p>
<p><b>5</b> Display Area</p>	<p>The overviews you are working with appear in this area after calling up the function.</p>
<p><b>7</b> Action Bar</p>	<p>In this area, you can use the button  to display the overview in the Full screen mode, which you can exit again by clicking on  . The number of data records displayed is listed next to it. If the data is filtered, the number of data records loaded and the total number of data records displayed is shown in brackets. Set filters can be cancelled with the <b>Reset filter</b> button. You can also use the <b>Reset layout</b> button to restore the default layout. <b>Note:</b> The <b>Reset filter</b> and <b>Reset layout</b> buttons are highlighted in colour as soon as a filter has been set or the layout has been adjusted.</p>
<p><b>8</b> Information Bar</p>	<p>Information about your current session is displayed here.</p>



- **Person/Company/Ship Information**  
All information relating to the entity, such as place of birth, nationality, company ID or ship type, etc., is displayed here.
- **Person Identification**  
Here, data that leads to the identification of the person, such as the ID card number, is displayed.
- **Social Media**  
Here you will find the links to Instagram and others.
- **Hard Keys**  
Through this, you can access external sources, e.g., WIKI Data.
- **Addresses**  
The known addresses of the entity are displayed here.
- **Sanctions list information**  
All sanctions list entries for this entity are listed here. You can use the links to jump directly to the English legal documents and sources.  
**Note:** Longer texts can be found separately below the list to make them easier to read.
- **Other information**  
Further information and the corresponding sources are listed here.  
**Note:** Longer texts can be found separately below the list to make them easier to read.
- **All information**  
All information relating to the entity is listed here in alphabetical order.  
**Note:** Longer texts can be found separately below the list to make them easier to read.
- **Relationships**  
Known relationships to other entities are listed here according to your licenced data packages. Personal relationships between individuals as well as company shares and company links can be traced here. These are relevant for analysing the business relationship with the corresponding entity, but are not logged. The *Label* column shows at a glance whether this entity is sanctioned. The corresponding sanctions list is displayed in the *Sources* column.
- **Source**  
The respective source of the data is displayed here.

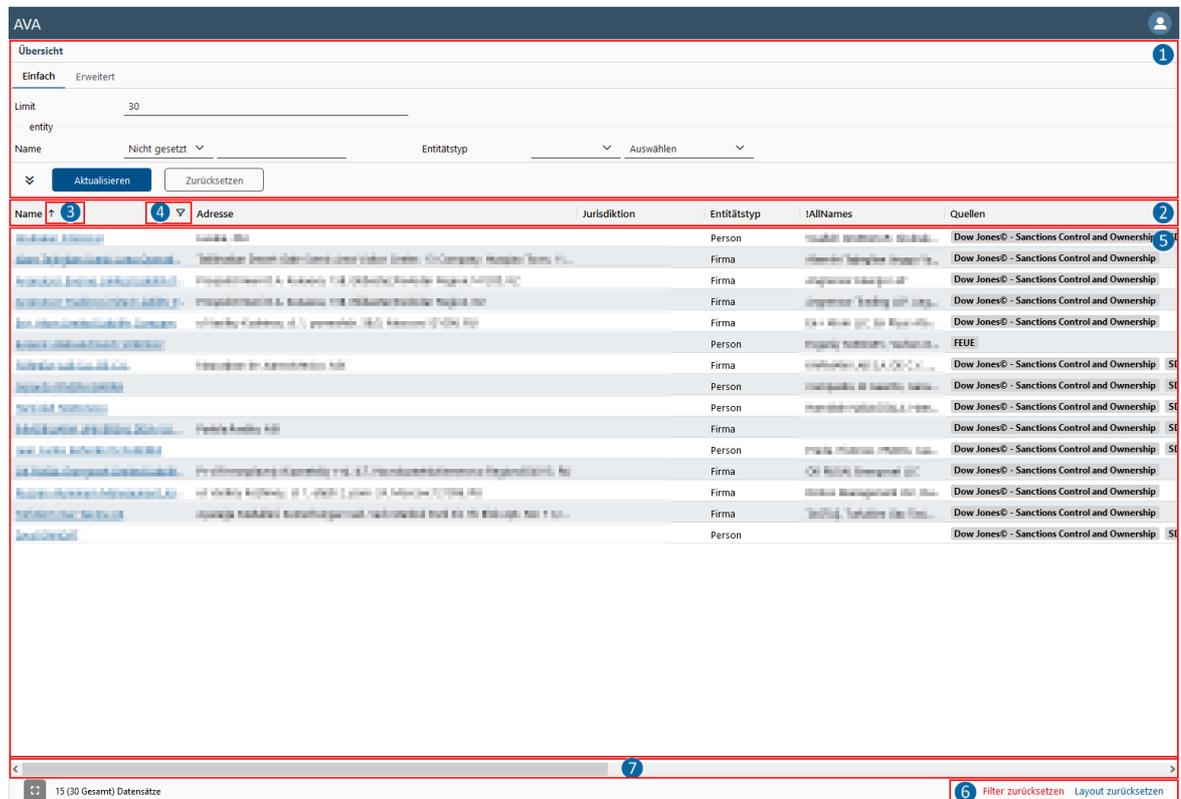
### 3.1.1 Entity types

In AVA, a distinction is made between the following entity types:

Icon	Entity
-	Educational Institution
	Company
	Airplane
	Organization
-	Party
	Person
-	Government of a Country
	Ship
-	University
-	Association

## 3.2 Overviews

Elements of the overviews:



The screenshot shows the AVA interface with the following elements highlighted:

- 1**: Search Area (top left)
- 2**: Column Header (top right of the table)
- 3**: Display of Sort Direction (left side of the table header)
- 4**: Column Header (middle of the table header)
- 5**: Column Header (right side of the table header)
- 6**: Filter buttons (bottom right)
- 7**: Status bar (bottom)

Beispiel: Übersicht AVA > Entitäten > Einfache Ansicht

<p><b>1</b> Search Area</p>	<p>Used for <a href="#">searching</a> selected values.</p>
<p><b>2</b> Column Header</p>	<p>You can use the column header to arrange the data in the overview as you wish.</p> <ul style="list-style-type: none"> <li>• Changing the column sequence: Click on a column header and drag it to the desired position while holding down the mouse button.</li> <li>• Remove a column: Click on a column header and drag it into the title bar while holding down the mouse button.</li> <li>• Adjusting the column width: Hold the mouse pointer over the line between two column headers. A double arrow appears. Move the double arrow in the desired direction or doubleclick to automatically adjust the column width.</li> </ul>
<p><b>3</b> Display of Sort Direction</p>	<p>In this area, you can sort data records alphabetically by column.</p>

	<p>To sort the data records within a column:</p> <ol style="list-style-type: none"><li>1. Click on the column header of the corresponding column<ul style="list-style-type: none"><li>➤ The upward arrow appears <b>3</b></li><li>➤ The records are sorted in ascending alphabetical order</li></ul></li><li>2. Click again on the column header of the respective column<ul style="list-style-type: none"><li>➤ The downward arrow (not shown) appears</li><li>➤ The records are sorted in descending alphabetical order</li></ul></li><li>3. Click again on the column header of the respective column or on the <b>Reset Layout</b> button <b>6</b><ul style="list-style-type: none"><li>➤ The sorting is removed.</li></ul></li></ol>
<b>4</b> Display of Set Filter	If the filter symbol appears at the column header, a <a href="#">data filter</a> is set in this column.
<b>5</b> Data Area	Double-click on the name of an entity to open a data record.
<b>6</b> Buttons	<ul style="list-style-type: none"><li>• Reset filter: Here you can remove a set filter.</li><li>• Reset layout: This restores the default layout.</li></ul>
<b>7</b> Scrollbar	Appears below and to the right of the overview if the window size is not sufficient to display the entire contents of the overview.

### 3.2.1 Search

In the **Entities** overview, you have the option of searching for specific data records. The following search functions are available for this purpose:

- [Simple search](#)
- [Advanced search](#)

### 3.2.1.1 Simple search

The **Simple search** function is displayed when you call up the **Entities** overview.

The screenshot shows the 'Übersicht' search interface. At the top, there are two tabs: 'Einfach' (selected) and 'Erweitert'. Below the tabs is a 'Limit' field with the value '30' and a callout '1'. Underneath is the 'Name' field with a callout '2' pointing to a dropdown menu labeled 'entity' and a callout '3' pointing to the input field. To the right of the 'Name' field is the 'Entitätstyp' field with a callout '4' pointing to a dropdown menu and a callout '5' pointing to the 'Auswählen' dropdown. At the bottom left, there is a dropdown menu with a callout '6' and an 'Aktualisieren' button with a callout '7'. To the right of the 'Aktualisieren' button is a 'Zurücksetzen' button with a callout '8'.

Beispiel: Übersicht AVA > Entitäten > Einfache Suchfunktion

#### How to search for data records in the simple search:

1. Specify a limit for the number of records to be displayed (default value 30) **1**.  
**Note:** A high limit may delay performance.
2. In the entity area, select in the drop-down menu **2** next to the **Name** field which [search option](#) the search field should fulfill.
3. Enter the desired search value **3**.
4. Optionally, you can search for specific entity types. For this, select in the drop-down menu **4** next to the Entity Type field which [search option](#) the search field should fulfill.  
**Note:** The options here are **Equals** or **Does Not Equal**. Then select the corresponding search value (entity type) from the adjacent drop-down menu. **5**
5. The button offers you many more search fields to choose from **6**. Use the scrollbar (not shown) to navigate to the desired search field. gelangen Sie zu dem gewünschten Suchfeld.
6. You can select these as search criteria as described in points 2 - 3.
7. Click the **Update** button. **7**.
  - The records corresponding to the search criteria appear in the overview.

#### Example - Search for IMO Number 9015278:

1. Navigate via the button **6**, using the scrollbar (not shown) in the **Ship Information** area to the **IMO Number field**.
2. Select the search option **Equals** from the drop-down menu.
3. Enter the number **9015278** as the search value.
4. Click the Update button **4**.
  - The record *Lucky Star* (name of the ship) will be displayed.

**The following search options are available:**

*Not Set, Empty, Not Empty, Contains, Does Not Contain, Equals, Does Not Equal, Begins With, Does Not Begin With, Ends With, and Does Not End With.*

**Note:** The search options vary depending on the data type.

**How to remove search criteria:**

In the search area, click on the **Reset button**  and reload the display using the Refresh button.



### 3.2.1.2 Advanced search

You access the Advanced search function by clicking on **Advanced** in the **Entities** overview.

The screenshot shows the 'Übersicht' (Overview) section of the application. It features two tabs: 'Einfach' (Simple) and 'Erweitert' (Advanced), with 'Erweitert' being the active tab. Below the tabs, there is a search configuration area. A 'Limit' field is set to '30' (callout 1). A 'Field' dropdown menu is set to 'Name' (callout 2). To the right of the field dropdown is a '+' button (callout 3). Below the field dropdown is a 'Filterfelder' (Filter fields) section. It contains a search field with 'Name' and 'Enthält' (contains) selected (callout 5), and an empty search input field (callout 6). To the right of the search input is a trashcan icon (callout 4). At the bottom of the search area are two buttons: 'Aktualisieren' (Refresh) (callout 7) and 'Zurücksetzen' (Reset) (callout 8).

#### How to search for records in the advanced search:

1. Specify a limit for the number of records to be displayed (default value 30) **1**.  
**Note:** A high limit may delay performance.
2. In the Field area, select the field you want to search for from the drop-down list **2**.
3. Click on the + button **3** to specify more detailed search criteria.
  - Additional search fields appear. You can remove them again using the **Trashcan** button **4**.
4. You can define which [search option](#) the search field should fulfill using the drop-down menu **5**.
5. Specify the search value next to the [search option](#) **6**.
6. Click on the **Refresh** button **7**.
  - Only the data records matching the search criteria appear in the overview.

#### The following search options are available:

*Not Set, Empty, Not Empty, Contains, Does Not Contain, Equals, Does Not Equal, Begins With, Does Not Begin With, Ends With, and Does Not End With.*

**Note:** The search options vary depending on the data type.

#### How to remove search criteria:

In the search area, click on the **Reset button** **8** and reload the display using the Refresh button.

**7**

## 3.2.2 Filter data records

### How to filter data records:

1. Position the cursor in the column header of the column for which you want to filter.
  - The button with 3 bars appears.
2. Click on the button with the 3 bars.
  - A dialogue box appears with the corresponding values.
3. In the Search... area, you can narrow down the available values by entering a character string.
4. Optionally, you can further specify the filter in the Advanced tab by selecting additional filter properties from the drop-down menu.
5. Select individual values with a tick.

**Note:** If you tick **Select all**, all corresponding values are selected.
6. Confirm your selection with the **Apply** button.
  - Only the data corresponding to the filter criteria is listed in the overview.
  - A filter symbol appears next to the corresponding column heading.
  - The Reset filter button is activated and displayed in red.

### You have two options for removing a filter:

#### Option 1

1. Click on the Reset filter button in the overview.
  - A prompt appears asking whether you really want to reset the current filter.
2. Confirm this query with **Yes**.
  - In the overview, the data is listed without filtering.
  - The filter symbol next to the corresponding column header is hidden.
  - The Reset filter button becomes inactive.

#### Option 2

1. Click on the filter symbol in the column header.
  - The dialogue box with the corresponding selected filter values appears.
  - The **Reset** button also appears in the dialogue box.
2. Confirm this query with **Yes**.
  - In the overview, the data is listed without filtering.
  - The filter symbol next to the corresponding column header is hidden.
  - The Reset filter button becomes inactive.

### 3.2.3 Columns

Columns in the AVA Overview

<b>Name</b>	The main name of the entry is displayed here.
<b>Address</b>	The main address of the entry is displayed here.
<b>Jurisdiction</b>	The jurisdiction of an entity is displayed here.
<b>Entity Type</b>	This shows what type of entity (e.g., company) the entry is.
<b>All Names</b>	All known (alternative) names of the entity are displayed here.
<b>Source</b>	The data source of the entry is displayed here.
<b>Label</b>	Awards (e.g., Sanctioned or Politician) of the entry appear here.

### 3.2.4 Arrange Columns

You have the option to change the column width and arrangement.

- To change the column width, click on the column edge in the column header and move the double arrow in the desired direction.
- To change the order of the columns, select a column header and move it with the four-way arrow (drag + drop) to the desired position.