



Release-News 24/R1

ibi systems iris



systems

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Content

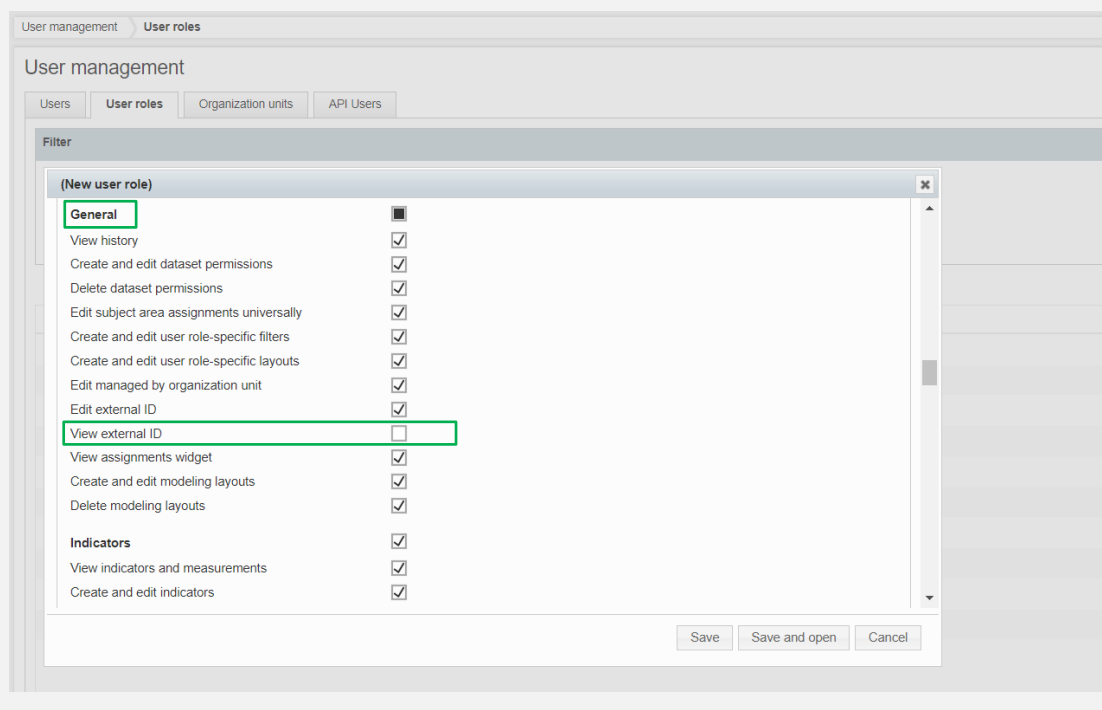
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1 Important Notes

1.1 New user role permission for viewing the external ID



With the new release, the external ID has been transferred from  in the dataset view of the entities to the master data and therefore also to the profiles (see chapter 3.1). The prerequisite for viewing and editing the external ID is that the user's user role contains the corresponding permissions. In addition to the existing permission to edit the external ID, the permission to view the external ID has now been added. The latter is not automatically assigned to the existing user roles with the installation of the new release, i.e. it is deactivated by default for all user roles. To activate the permission, the corresponding entry must be assigned to the respective user role (activate checkbox). Note: The permissions only take effect if the permissions to edit or view an entity are also activated.



User management **User roles**

User management

Users **User roles** Organization units API Users

Filter

(New user role)

General	<input type="checkbox"/>
View history	<input checked="" type="checkbox"/>
Create and edit dataset permissions	<input checked="" type="checkbox"/>
Delete dataset permissions	<input checked="" type="checkbox"/>
Edit subject area assignments universally	<input checked="" type="checkbox"/>
Create and edit user role-specific filters	<input checked="" type="checkbox"/>
Create and edit user role-specific layouts	<input checked="" type="checkbox"/>
Edit managed by organization unit	<input checked="" type="checkbox"/>
Edit external ID	<input checked="" type="checkbox"/>
View external ID	<input type="checkbox"/>
View assignments widget	<input checked="" type="checkbox"/>
Create and edit modeling layouts	<input checked="" type="checkbox"/>
Delete modeling layouts	<input checked="" type="checkbox"/>
Indicators	<input checked="" type="checkbox"/>
View indicators and measurements	<input checked="" type="checkbox"/>
Create and edit indicators	<input checked="" type="checkbox"/>

Save Save and open Cancel

1.2 New user role permission for editing the lifecycle per entity




With the new release, there is an additional permission for editing the lifecycle for each entity (see chapter 3.1). This permission is also deactivated by default for all user roles with the installation of the new release and can be activated in the user management for the respective user role of a user by setting the checkbox. Note: The permission is only effective if the permission to edit an entity is also activated.

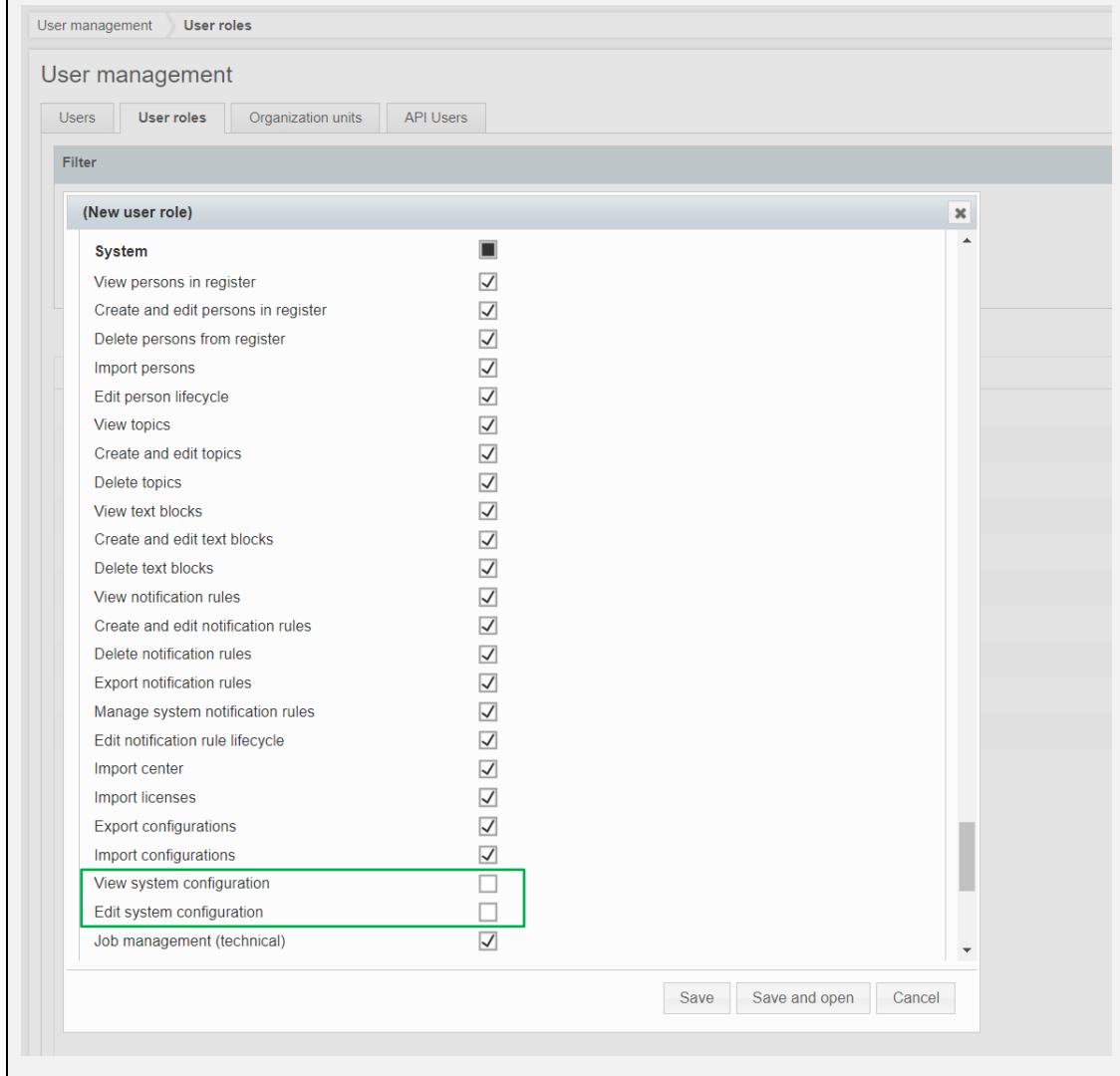
The screenshot shows the 'User management' interface with the 'User roles' tab selected. A 'Filter' section is visible at the top. The main content area displays a 'New user role' dialog box with a list of permissions. The permissions are grouped into two sections: 'Emergency' and 'Findings'. Each section has a header with a checkbox and a list of specific permissions, each with its own checkbox. The 'Edit emergency event lifecycle' and 'Edit finding lifecycle' permissions are highlighted with green boxes and have their checkboxes unchecked. The other permissions have their checkboxes checked. At the bottom of the dialog, there are three buttons: 'Save', 'Save and open', and 'Cancel'.

Entity	Permission	Checked
Emergency	View emergency scenarios	✓
	Create and edit emergency scenarios	✓
	Delete emergency scenarios	✓
	Edit emergency event lifecycle	<input type="checkbox"/>
	View emergency activities	✓
	Manage emergency activities	✓
	View emergency events	✓
	Create and edit emergency events	✓
	Delete emergency events	✓
	View critical situations	✓
Findings	Create and edit critical situations	✓
	Delete critical situations	✓
	Edit critical situation lifecycle	✓
	View findings	✓
	Create and edit findings	✓
	Delete findings	✓
	Import findings	✓
Incidents	Edit finding lifecycle	<input type="checkbox"/>
	View incidents	✓
	Create and edit incidents	✓
Delete incidents	✓	

1.3 New user role permissions for viewing and editing the system configuration in the interface



On the new system configuration page in the system settings  it is now possible to configure the risks, the protection requirements of the assets and processes as well as the system notifications in the interface (see chapter 3.9). The two new permissions for viewing and editing the system configuration are deactivated by default for all user roles with the installation of the new release and can be activated in the user management for the respective user role of a user by setting the checkbox.



The screenshot shows the 'User management' interface with the 'User roles' tab selected. A 'Filter' dialog box is open, titled '(New user role)'. The dialog contains a list of permissions with checkboxes. The 'View system configuration' and 'Edit system configuration' permissions are highlighted with a green box and have unchecked checkboxes. The 'System' checkbox is checked. The 'Save', 'Save and open', and 'Cancel' buttons are visible at the bottom of the dialog.

Permission	Checked
System	<input checked="" type="checkbox"/>
View persons in register	<input checked="" type="checkbox"/>
Create and edit persons in register	<input checked="" type="checkbox"/>
Delete persons from register	<input checked="" type="checkbox"/>
Import persons	<input checked="" type="checkbox"/>
Edit person lifecycle	<input checked="" type="checkbox"/>
View topics	<input checked="" type="checkbox"/>
Create and edit topics	<input checked="" type="checkbox"/>
Delete topics	<input checked="" type="checkbox"/>
View text blocks	<input checked="" type="checkbox"/>
Create and edit text blocks	<input checked="" type="checkbox"/>
Delete text blocks	<input checked="" type="checkbox"/>
View notification rules	<input checked="" type="checkbox"/>
Create and edit notification rules	<input checked="" type="checkbox"/>
Delete notification rules	<input checked="" type="checkbox"/>
Export notification rules	<input checked="" type="checkbox"/>
Manage system notification rules	<input checked="" type="checkbox"/>
Edit notification rule lifecycle	<input checked="" type="checkbox"/>
Import center	<input checked="" type="checkbox"/>
Import licenses	<input checked="" type="checkbox"/>
Export configurations	<input checked="" type="checkbox"/>
Import configurations	<input checked="" type="checkbox"/>
View system configuration	<input type="checkbox"/>
Edit system configuration	<input type="checkbox"/>
Job management (technical)	<input checked="" type="checkbox"/>

1.4 Entering license key during release update



When performing the release update, it is necessary to enter a new license key (see chapter 3.1). This will be provided to you by your contact person. After installing the new version, when you open the software you will be redirected to the following input mask for entering the license key:

Invalid license key

The previous license key is not compatible with the current release. Please enter a new license key.

License key

Validate license key

The license key now also contains any licenses for API users. The number of your API licenses can be viewed in the license management. If you are not yet using the API interface, but the topic is of interest to you, please feel free to contact us.

License management

Overview

Current license

Issued by	ibi systems GmbH
Available user licenses	Unlimited
Used user licenses	16
Available API user licenses	Unlimited
Used API user licenses	33

Actions

[Add new license key](#)


[Upgrade license](#)

2 Highlights

2.1 Modernization of the underlying system architecture

With the new release, the underlying system architecture of ibi systems iris has been extensively modernized (see chapter 3.12). All background activities, such as user notifications or protection requirement calculations, are now managed via a central job management system (Hangfire). In addition, the development platform has been converted to the latest .Net 8 (LTS) and the data access technology to EF Core. Furthermore, DevExpress has been updated to the latest version 23.1 and SAML 2.0 has been extended so that several identity providers can be used simultaneously.

2.2 Extensive improvement in usability

In addition to the technical modernization, numerous improvements have also been made to increase the user friendliness of the software. These range from many quick wins, such as the improvement of bulk processing or a status bar that can always be called up, to the optimization of workflows. For example, all workflow actions, which were previously found at  in the dataset view of the entities, have been transferred to a green action button.

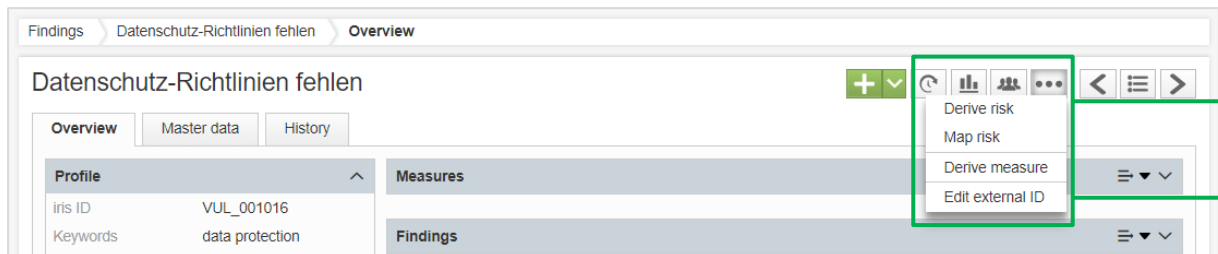


Figure 1 Previous placement of the workflow actions

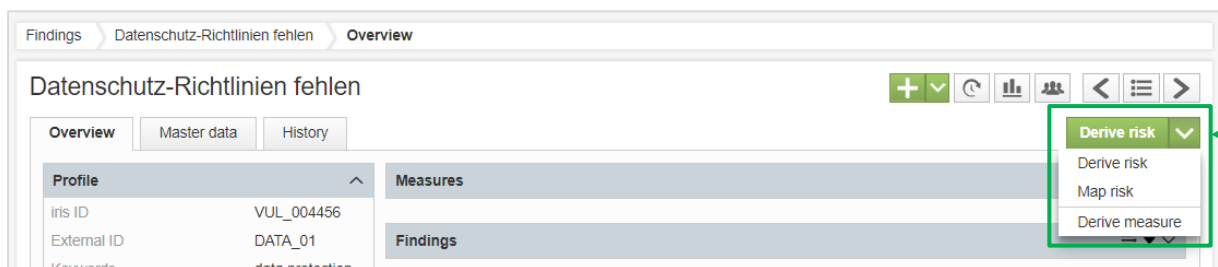


Figure 2 New placement of the workflow actions

Viewing and editing the external ID is now possible directly in the master data (with the appropriate permissions, see chapter 1.1)

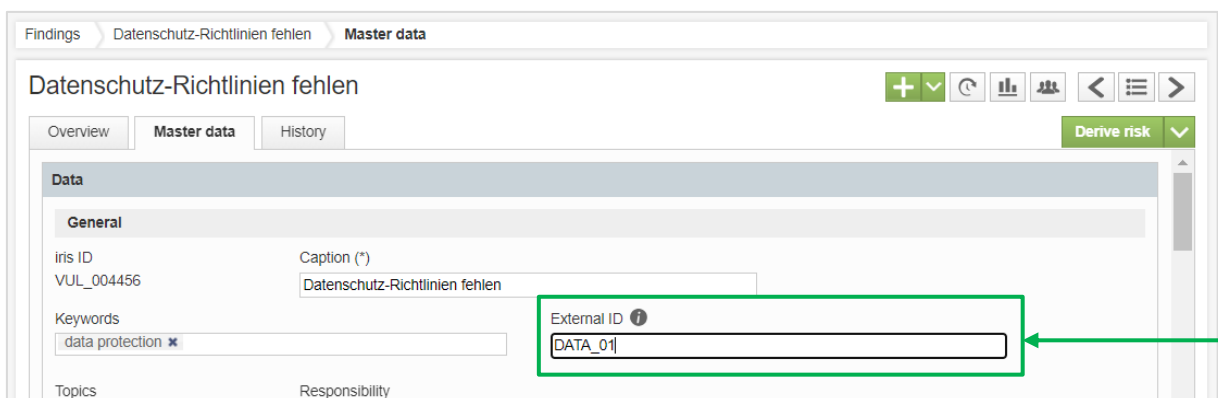


Figure 3 New placement of the external ID

Particularly noteworthy is also the optimization of the process for risk analysis and treatment, which is explained in more detail in the next section.

2.3 Optimization of the risk analysis and risk treatment process

After the first risk analysis has been performed, the green button at the top right in the dataset view also offers the option for defining the risk treatment.

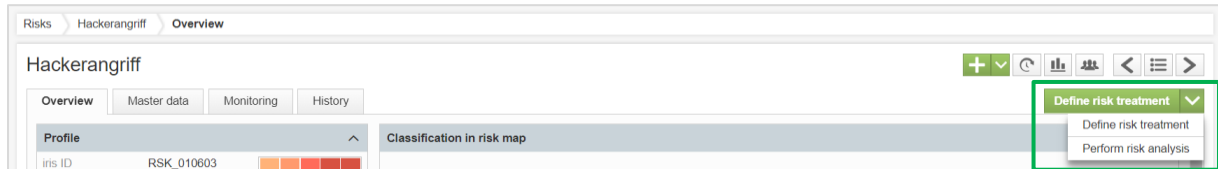


Figure 4 Green button with the option for risk treatment

In the risk treatment tab, the measures widget is now displayed under the risk treatment option to be selected and the associated comment field. This allows measures to be entered directly for the selected treatment option. The entered measures are also shown in the measures widget on the risk and risk analysis overview page. If a target analysis is required for the selected risk treatment option, this appears on the right-hand side of the risk treatment and can be performed directly.

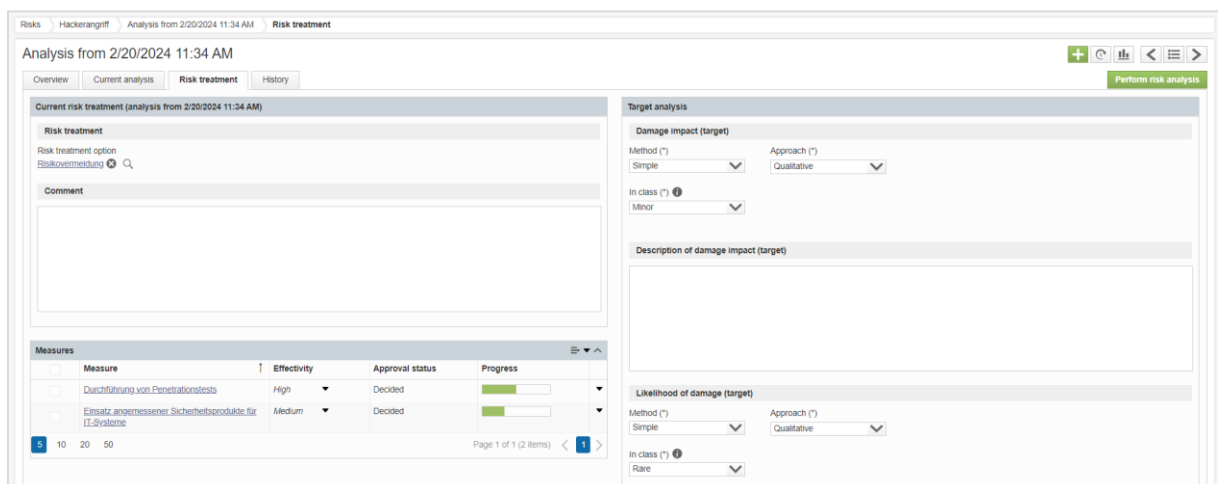


Figure 5 Risk treatment with measures widget and target analysis

If a new current analysis is performed, the last risk treatment option including measures will be displayed above the risk treatment option to be determined in the subsequent risk treatment. This means that the last treatment option can be used as a guide and the measures from the last risk treatment can easily be adopted for the current risk treatment using the action arrow.

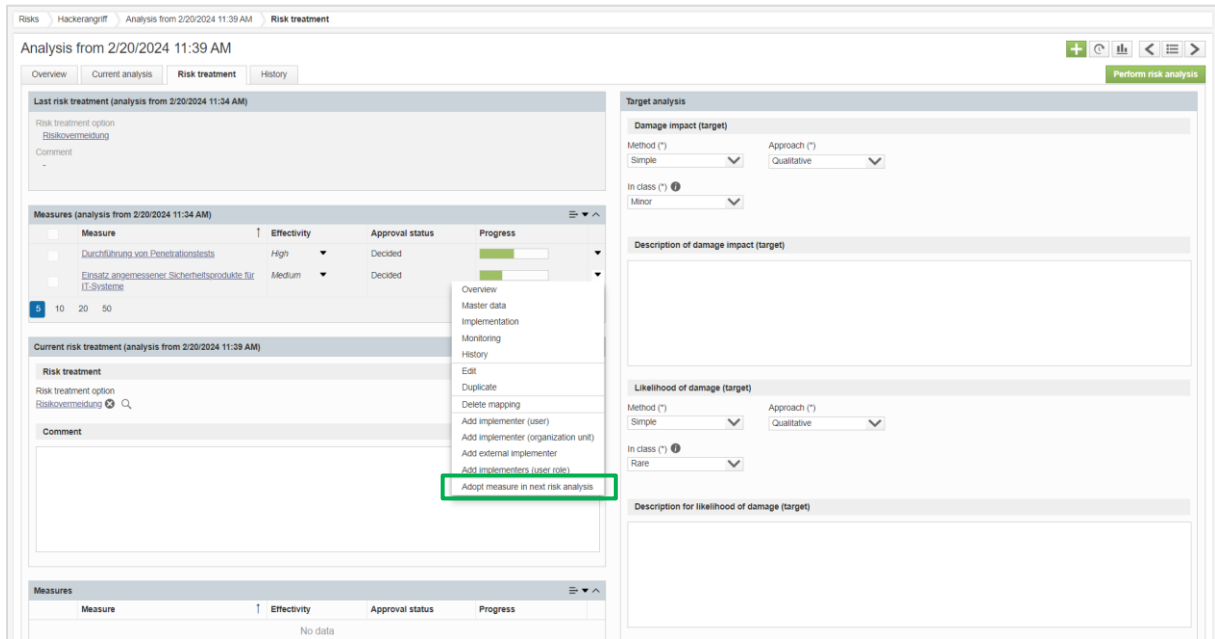


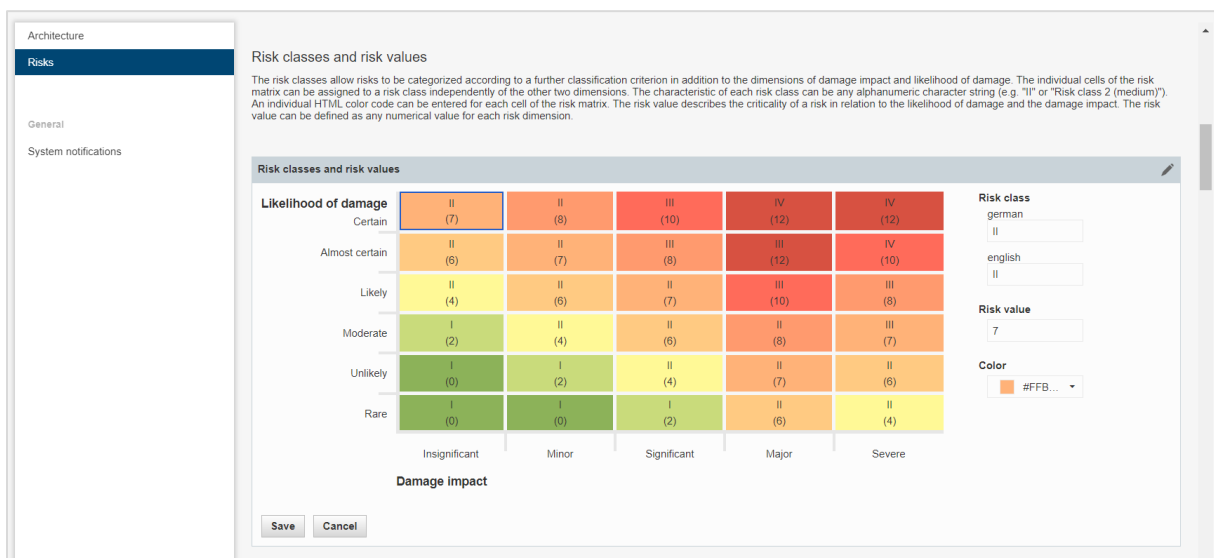


Figure 6 Risk treatment with display of the last risk treatment, measures widget and target analysis

2.4 Configuration in the software interface

For the system configuration in the user interface, the foundation was laid with Release 24/R1. It is now possible to configure the risks, the protection requirements of the assets and processes and the system notifications in the software interface (see chapter 3.9 for a summary of the respective configuration options). The "system configuration" can be found in the system settings . With the next release, the configuration options in the software will be expanded.

Basically, adjustments can be made in the configuration by editing, adding or deleting content or changing its order using drag and drop. However, only content that is not used at the time of the adjustment can be deleted. For example, it is not possible to delete any used characteristics of the damage impact or likelihood of damage of the risk analysis/risk matrix. All changes that are possible go live immediately after saving. In the "Import/Export configuration" area in the system settings , the configurations of the respective areas can be both exported and imported.



Risk classes and risk values

The risk classes allow risks to be categorized according to a further classification criterion in addition to the dimensions of damage impact and likelihood of damage. The individual cells of the risk matrix can be assigned to a risk class independently of the other two dimensions. The characteristic of each risk class can be any alphanumeric character string (e.g. "II" or "Risk class 2 (medium)"). An individual HTML color code can be entered for each cell of the risk matrix. The risk value describes the criticality of a risk in relation to the likelihood of damage and the damage impact. The risk value can be defined as any numerical value for each risk dimension.

		Likelihood of damage					
		II (7)	II (8)	III (10)	IV (12)	IV (12)	Risk class
Likelihood of damage	Certain	II (7)	II (8)	III (10)	IV (12)	IV (12)	german II
	Almost certain	II (6)	II (7)	III (8)	III (12)	IV (10)	english II
	Likely	II (4)	II (6)	II (7)	III (10)	III (8)	
	Moderate	I (2)	II (4)	II (6)	II (8)	III (7)	Risk value 7
	Unlikely	I (0)	I (2)	II (4)	II (7)	II (6)	Color #FFB...
Rare	I (0)	I (0)	I (2)	II (6)	II (4)		
		Insignificant	Minor	Significant	Major	Severe	

Damage impact

Save Cancel


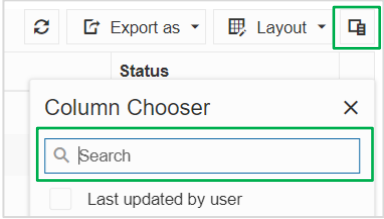


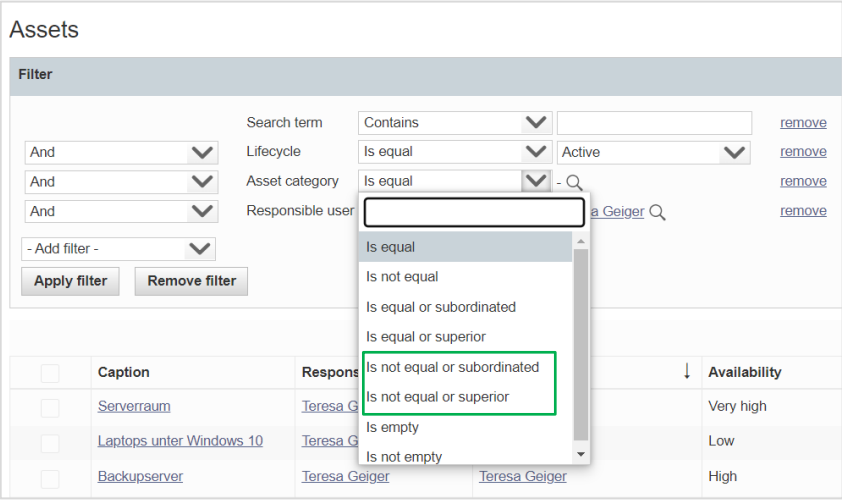


Figure 7 Configuration in the software interface using the example of the risk matrix

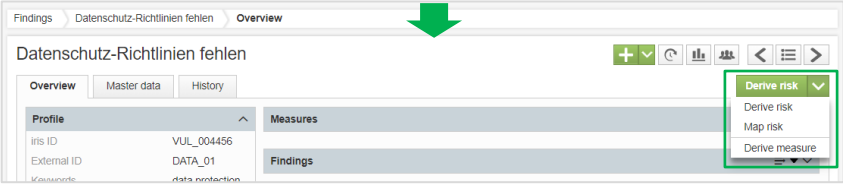
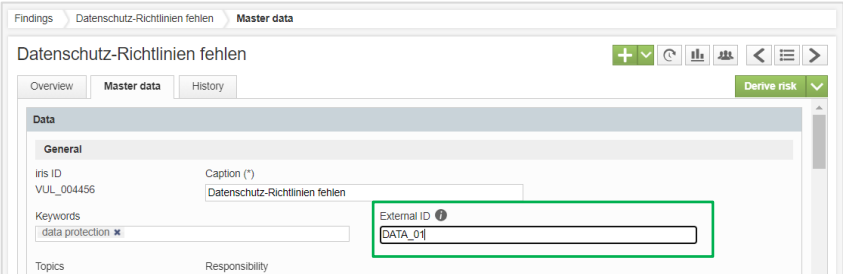

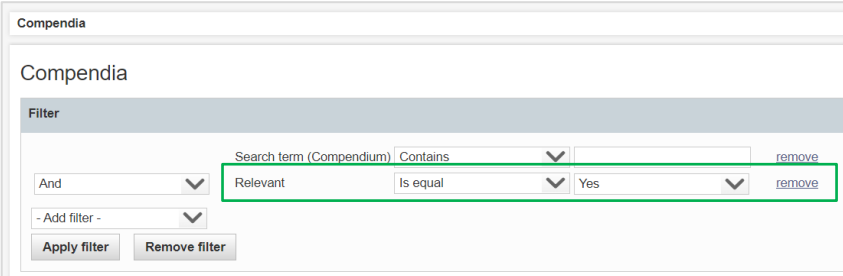
2.5 Extension of the REST API

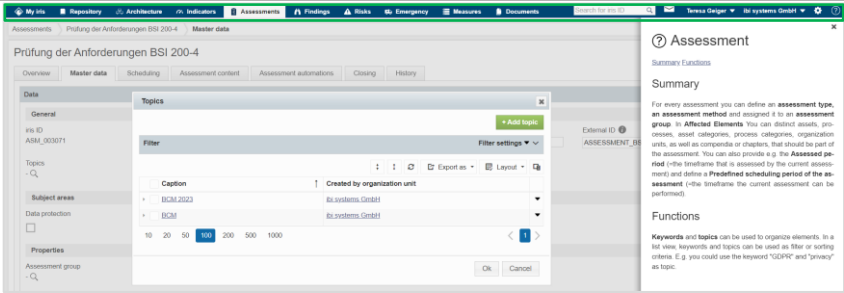
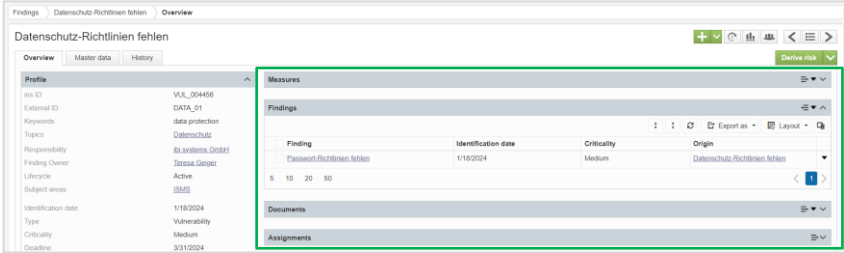
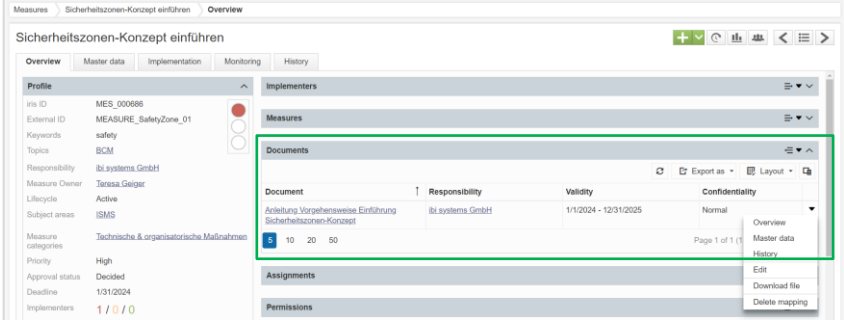
The REST API has been extended so that it's also possible to address findings, measures, risks, incidents and user management. You can read about the options available in chapter 3.11.

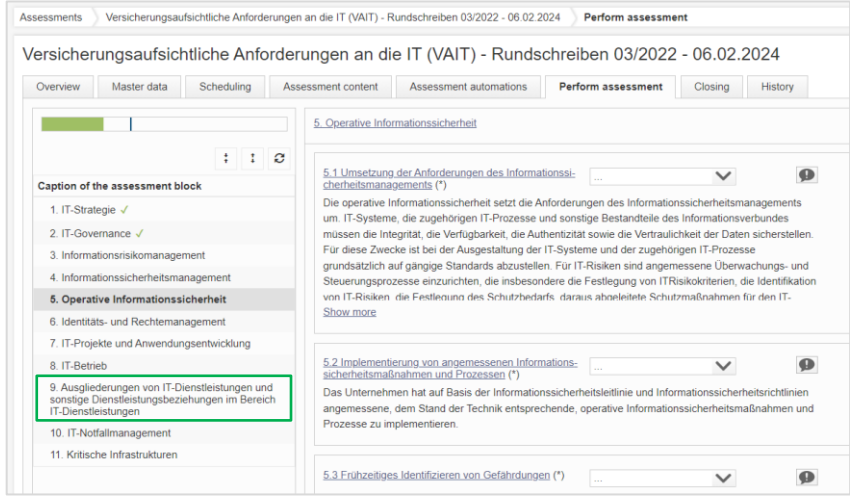
3 Overview of all new functions and improvements

3.1 Comprehensive aspects and usability

Caption	Description
Improvement of the visibility of the action buttons on the import pages of individual datasets	On the configuration pages for importing individual datasets, the footer with the action buttons  is now static and therefore always visible, regardless of how many datasets are imported.
Focus directly in the search bar in the Column Chooser for the list views	After clicking on the button for column selection in list views, the cursor is now located directly in the search bar without having to click on it first. This allows you to start entering your search directly. 
Uniform selection icons for persons, users and organization units	With the new release, corresponding icons  will be displayed for all attributes where a person, a user or an organization unit can be selected, instead of a magnifying glass  for selection as was previously sometimes the case.
Extension of the filter for tree structures	When filtering for elements that are displayed as a tree structure, there are now the additional filter options "is not equal or subordinated" and "is not equal or superior". 
Transfer of workflow actions to a green action button	For better visibility, workflow actions that were previously found under  in the dataset view of the entities have been transferred to a green action button. Note: The "Edit external ID" action has been moved to the master data of the entities (see next point). 

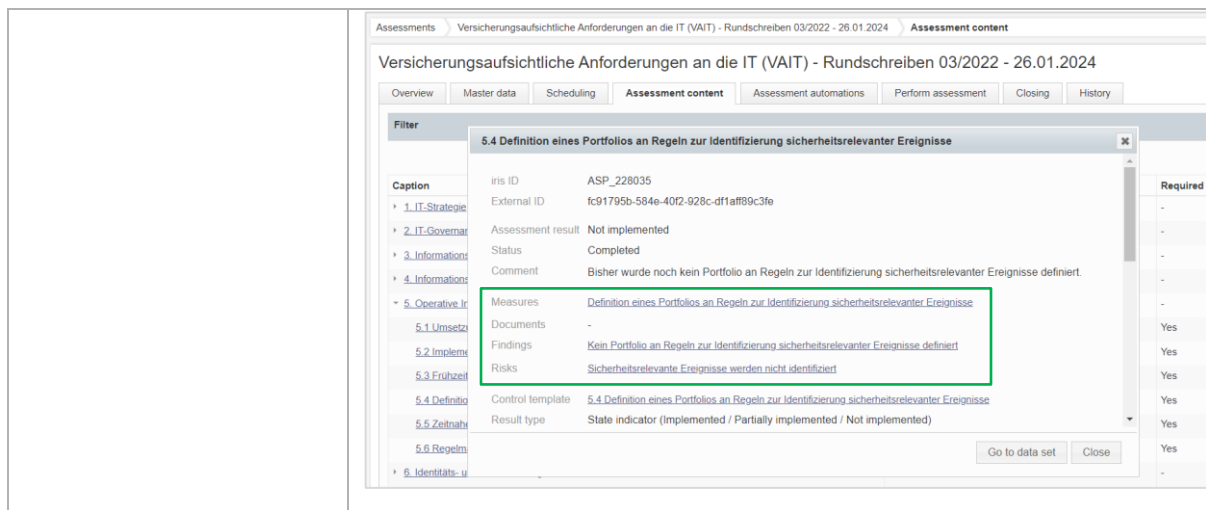
	
<p>Transfer of the external ID to the master data</p>	<p>The external IDs can now be found directly in the master data. Previously, they could be found in the dataset view of the entities under ... (see previous point). The prerequisite for viewing and editing the external ID is that the user's user role contains the corresponding permissions (see chapter 1.1). In addition to the existing permission to edit the external ID, the permission to view the external ID has now been added. The latter is not automatically assigned to the existing user roles with the installation of the new release, i.e. it is deactivated by default for all user roles. To activate the permission, the corresponding entry must be assigned to the respective user role (activate checkbox). Note: The permissions only take effect if the permissions to edit or view an entity are also activated.</p> 
<p>Display of the menu for bulk processing when selecting datasets</p>	<p>With the new release, the button for bulk processing is only displayed if datasets have been selected. Clicking on the button opens the menu for bulk processing, where the selected datasets can be edited or deleted.</p> 
<p>Cross-page selection of all elements in the list view</p>	<p>If the checkbox in the top line for selecting all datasets is activated in list views, not only the elements of the current page are selected as before, but all elements across all pages.</p>
<p>Default filter for relevant compendia in list views and Element Browser</p>	<p>Non-relevant compendia are filtered out both in the list view and in the Element Browser by setting the default filter to relevant compendia and thus only displaying these by default.</p> 
<p>Always accessible status bar</p>	<p>The status bar can now always be called up, even if, for example, a dataset is selected or created in the Element Browser. This means, for example, that the Quick-Help can be opened and read at the same time while a dataset is being selected.</p>

	
<p>Collapsed display of empty widgets on overview pages</p>	<p>With the new release, empty widgets on the overview pages are collapsed by default.</p> 
<p>Widget for Documents on overview pages</p>	<p>On the overview pages of corresponding entities the “Documents” widget has been added, which lists all mapped documents. This also includes those documents that are mapped to subordinate datasets (e.g. to controls of an assessment). All the master data of the documents can be displayed as a column. Using the widgets' context menu it is also possible, to map further documents with the current dataset. Thereby, new documents can be created or existing documents can be mapped. Using the action menu a mapped document can be directly opened in the selected tab. The document can also be edited via the action menu, for example.</p> 
<p>Own permission for editing the lifecycle per entity</p>	<p>With the new release, there is an additional permission for editing the lifecycle for each entity (see chapter 1.2). With the installation of the new release, this permission is deactivated by default for all user roles and can be activated in the user management for the respective user role of a user by setting the checkbox. Note: The permission is only effective if the permission to edit an entity is also activated.</p>
<p>Line breaks for assessment blocks in the navigation area of the assessment wizard</p>	<p>In the navigation area of the assessment wizard, line breaks have been inserted for assessment blocks with longer captions so that the complete caption is visible.</p>

											
<p>Attribute <i>Keywords</i> for organization units, user roles, (API) users and persons</p>	<p>With the new release, the "Keywords" attribute has now also been added to the organization units, user roles, (API) users and persons. Keywords can be used to further differentiate or categorize elements. In the list view, they can be used for filtering and as columns.</p>										
<p>Entering the license key during release update and extension of the license key to include API users</p>	<p>When performing the release update, it is necessary to enter a new license key (see chapter 1.4), which now also contains any licenses for API users. The available and assigned API user licenses can be viewed in the license management with the new release.</p> <div data-bbox="1018 853 1398 1155" style="border: 1px solid #ccc; padding: 5px;"> <p>License management</p> <p>Overview</p> <p>Current license</p> <table border="1"> <tr> <td>Issued by</td> <td>ibi systems GmbH</td> </tr> <tr> <td>Available user licenses</td> <td>Unlimited</td> </tr> <tr> <td>Used user licenses</td> <td>16</td> </tr> <tr> <td>Available API user licenses</td> <td>Unlimited</td> </tr> <tr> <td>Used API user licenses</td> <td>33</td> </tr> </table> </div>	Issued by	ibi systems GmbH	Available user licenses	Unlimited	Used user licenses	16	Available API user licenses	Unlimited	Used API user licenses	33
Issued by	ibi systems GmbH										
Available user licenses	Unlimited										
Used user licenses	16										
Available API user licenses	Unlimited										
Used API user licenses	33										
<p>Widget for mapped <i>Assessments</i> for affected elements</p>	<p>For all entities that can be stored as affected elements for assessments, a new "Assessments" widget is now displayed on the overview pages of the datasets. This is the case for the following entities:</p> <ul style="list-style-type: none"> - Assets and asset categories - Processes and process categories - Compendia and chapters - Organization units <p>The "Assessments" widget lists all assessments for which the current dataset is stored as an affected element. Information on the assessments can be added as columns to the view of the widget. Using the action menu a mapped assessment can be directly opened in the selected tab. The assessment can also be edited or duplicated via the action menu, for example.</p> <div data-bbox="544 1624 1398 1861" style="border: 1px solid #ccc; padding: 5px;"> <p>Assets - Greenshot - Overview</p> <p>Assessments</p> <table border="1"> <thead> <tr> <th>Caption of the assessment</th> <th>Affected assets</th> <th>Progress</th> <th>Responsibility</th> </tr> </thead> <tbody> <tr> <td>Application Security - Anschaffung und Betrieb - 24.01.2024</td> <td>Greenshot</td> <td><div style="width: 50%;"></div></td> <td>ibi systems GmbH</td> </tr> </tbody> </table> </div>	Caption of the assessment	Affected assets	Progress	Responsibility	Application Security - Anschaffung und Betrieb - 24.01.2024	Greenshot	<div style="width: 50%;"></div>	ibi systems GmbH		
Caption of the assessment	Affected assets	Progress	Responsibility								
Application Security - Anschaffung und Betrieb - 24.01.2024	Greenshot	<div style="width: 50%;"></div>	ibi systems GmbH								

3.2 Assessments

Caption	Description																									
<p>Definition of an assessment result as the total result</p>	<p>With the new release, an assessment result can be defined as the total result via a checkbox when creating or editing. On the one hand, this has the advantage that the total result can be used in the list view for filtering and as a sortable column. On the other hand, the total result is displayed in the assessment's profile and highlighted in the assessment content.</p> <div data-bbox="547 479 1398 857" style="border: 1px solid #ccc; padding: 5px;"> <p>Gesamtergebnis Erfüllungsgrad</p> <p>Overview Master data History</p> <hr/> <p>Data</p> <p>General</p> <p>iris ID: ASR_000631 Caption (*): Gesamtergebnis Erfüllungsgrad</p> <p>External ID ⓘ: C5Cloud_Result_001</p> <p>Visible for assessor: <input type="checkbox"/> Total result: <input checked="" type="checkbox"/></p> <p>Calculation (*): Automatic - Average ▾ Weight option (*): On all controls and assessment blocks without weighting ▾ Format (*): Percent ▾</p> </div> <p>Note: Only one assessment result can be defined as the total result. When the first assessment result is created, the checkbox is preselected as active. If other assessment results already exist, the checkbox is not preselected. If another assessment result has already been defined as the total result, selecting the checkbox in an assessment result leads to the deselection of the checkbox in the previous total result when saving. In principle, no total result needs to be selected.</p>																									
<p>New columns <i>Assessment result</i> and <i>Comment</i> in the list view of the sample of the reviews</p>	<p>For the sample list of the reviews, both the assessment result of the control(s) and the comments on the sample can be added as new columns and can therefore be viewed directly. The comment column can also be used for sorting.</p> <div data-bbox="547 1254 1398 1559" style="border: 1px solid #ccc; padding: 5px;"> <p>Reviews > Application Security Check - Greenshot > Sample</p> <p>Application Security Check - Greenshot</p> <p>Overview Master data Sample History + Add control</p> <p>Filter: - Add filter - Filter settings ▾</p> <p>Apply filter Remove filter</p> <table border="1"> <thead> <tr> <th>Assessment</th> <th>Control</th> <th>Assessment result</th> <th>Result (Review)</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>Application Security - Anschaffung und Betrieb - 25.01.2024</td> <td>Integrität</td> <td>Normal</td> <td>Negative</td> <td>Die Integrität würde ich als "hoch" einstufen.</td> </tr> <tr> <td>Application Security - Anschaffung und Betrieb - 25.01.2024</td> <td>Endkunden</td> <td>No</td> <td>Positive</td> <td>Korrekt, Greenshot wird nicht von den Endkunden genutzt.</td> </tr> <tr> <td>Application Security - Anschaffung und Betrieb - 25.01.2024</td> <td>Fremdfirmenmitarbeiter</td> <td>No</td> <td>Positive</td> <td>Korrekt, Greenshot wird nicht von Fremdfirmenmitarbeitern genutzt.</td> </tr> <tr> <td>Application Security - Anschaffung und Betrieb - 25.01.2024</td> <td>In welchem Land befindet sich der Hauptsitz des Anbieters?</td> <td>Deutschland</td> <td>Positive</td> <td>Korrekt, der Hauptsitz befindet sich in Berlin.</td> </tr> </tbody> </table> </div>	Assessment	Control	Assessment result	Result (Review)	Comment	Application Security - Anschaffung und Betrieb - 25.01.2024	Integrität	Normal	Negative	Die Integrität würde ich als "hoch" einstufen.	Application Security - Anschaffung und Betrieb - 25.01.2024	Endkunden	No	Positive	Korrekt, Greenshot wird nicht von den Endkunden genutzt.	Application Security - Anschaffung und Betrieb - 25.01.2024	Fremdfirmenmitarbeiter	No	Positive	Korrekt, Greenshot wird nicht von Fremdfirmenmitarbeitern genutzt.	Application Security - Anschaffung und Betrieb - 25.01.2024	In welchem Land befindet sich der Hauptsitz des Anbieters?	Deutschland	Positive	Korrekt, der Hauptsitz befindet sich in Berlin.
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<p>Display of findings, measures, documents and risks in the profile of the controls to which they were mapped during an assessment</p>	<p>In the profile of the controls of an assessment, the measures, documents, findings and risks that were mapped to the respective controls during the assessment can now be viewed.</p>																									



3.3 Architecture

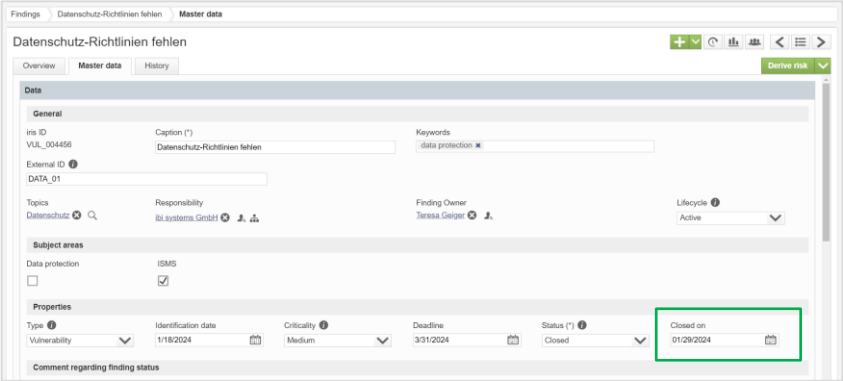
Caption	Description
Extension of the asset/process profiles and list views to include BIA values	<p>The asset and process profiles have been extended to include the BIA values per damage potential (the shortest "actual" downtime in each case) as well as MTD and RPO. MTD and RPO can also be used in the list view for filtering and as sortable columns.</p>

3.4 Risks

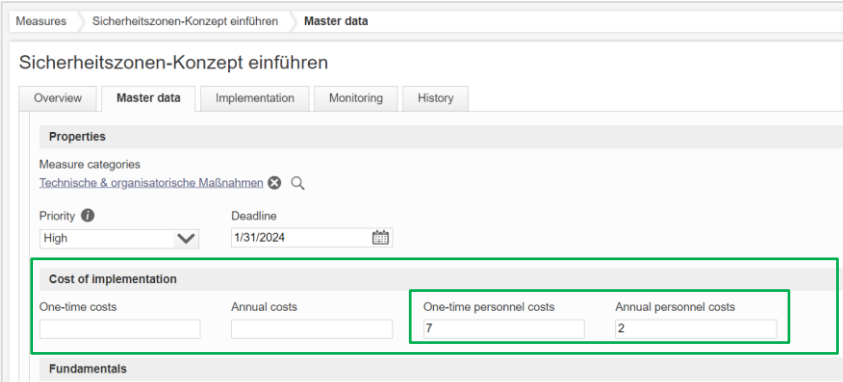
Caption	Description
Optimization of the risk analysis and risk treatment process with the extension of the risk treatment page to include the measures widget and optional the target analysis	<p>With the new release, the process for risk analysis and treatment has been optimized (see chapter 2.3). After the first risk analysis has been performed, the green button at the top right in the dataset view also offers the option for defining the risk treatment. In the risk treatment tab, the measures widget is now displayed under the risk treatment option to be selected and the associated comment field. This allows measures to be entered directly for the selected treatment option. The entered measures are also shown in the measures widget on the risk and risk analysis overview page. If a target analysis is required for the selected risk treatment option, this appears on the right-hand side of the risk treatment and can be performed directly. If a new current analysis is performed, the last risk treatment option including measures will be displayed above the risk treatment option to be determined in the subsequent risk treatment. This means</p>

that the last treatment option can be used as a guide and the measures from the last risk treatment can easily be adopted for the current risk treatment using the action arrow.

3.5 Findings

Caption	Description
New attribute <i>Closed on</i> of type date for findings	<p>A new attribute of the date type “Closed on” has been added to the master data of the findings. This appears when the status of the finding is set to “Closed”. In the list view, the attribute can be used for filtering and as a sortable column.</p> 

3.6 Measures

Caption	Description
New field set <i>Cost of implementation</i> with new attributes <i>One-time personnel costs</i> and <i>Annual personnel costs</i> for measures	<p>A new field set “Cost of implementation” was added to the master data of the measures. This contains the previous attributes “One-time costs” and “Annual costs” as well as the new attributes “One-time personnel costs” and “Annual personnel costs”.</p> 

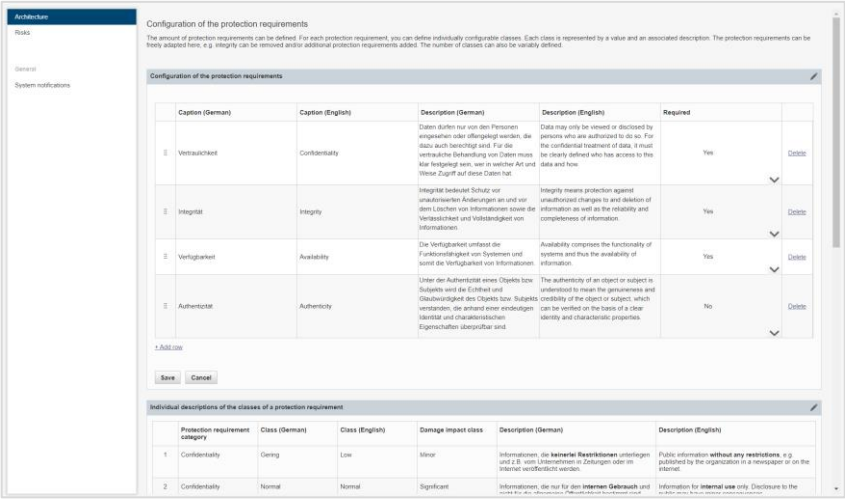
3.7 Notification rules

Caption	Description
<p>New upstream and downstream elements for assets and processes for notification rules</p>	<p>The notification rules have been supplemented with upstream and downstream elements for assets and processes. It can be specified that when an asset/process is added, the responsibility for the upstream or downstream asset/process (recipient) is notified. It can also be set that if a process/asset is changed, the responsibility for the upstream or downstream asset/process (recipient) is notified. These two options are shown in the screenshots. Furthermore, there is the option of notifying the responsibility for an asset/process (recipient) if an upstream or downstream asset/process is deleted.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="544 580 956 1055"> </div> <div data-bbox="975 580 1393 1171"> </div> </div>

3.8 User management/Person register

Caption	Description
<p>Excel bulk import/update of users and user assignments</p>	<p>With the new release, it is possible to import and/or update users in the user management in the users tab. Among other things, users can be assigned to a primary organization unit with one or more user roles. Using the function "Import user mappings", users can be assigned to additional organization units including user roles via Excel.</p> <div data-bbox="544 1585 1393 1792"> </div>

3.9 System configuration

Caption	Description
<p>Configuration via interface: System notifications</p>	<p>With the new release, it is possible to configure system notifications directly in the software interface. General elements of the notifications can be configured, such as the salutation and greeting, as well as e-mail subject and content for specific notifications, such as resetting a password. The prerequisite for viewing and editing the system configuration is that the user's user role contains the corresponding permissions (see chapter 1.3).</p> 
<p>Configuration via interface: Protection requirements for assets and processes</p>	<p>The configuration of the protection requirements of assets and processes is now also possible directly in the software interface. On the one hand, the protection goals (e.g. Confidentiality, Integrity, etc.) can be configured with a description and necessity. The protection goals can be freely adjusted and, for example, the integrity can be removed and/or additional protection goals can be added. On the other hand, the classes associated with the protection goals (e.g. Low, High, etc.) can be defined and the damage impact classes (e.g. Significant, Severe, etc.) can be mapped. Here, the number of classes can also be defined variably and descriptions can be stored. The prerequisite for viewing and editing the system configuration is that the user's user role contains the corresponding permissions (see chapter 1.3).</p> 
<p>Configuration via interface: Risks</p>	<p>Regarding the risks, the selection options for the lifecycle and optionally the management review including descriptions can be configured. Both attributes can be found in the risk's master data. In addition, the standard characteristics for the damage impact and likelihood of damage as well as various risk analysis methods including descriptions can be configured for risk analysis.</p>

The influence of linked incidents on risk analysis can also be determined. With regard to the risk matrix, the colors, risk classes and risk values of the individual cells can be specified. The prerequisite for viewing and editing the system configuration is that the user's user role contains the corresponding permissions (see chapter 1.3).

Caption (German)	Caption (English)	Description (German)	Description (English)	Damage from	Damage to
1 Unmerklich	Insignificant	Schaden ohne bemerkenswerte Auswirkungen	Damage without noticeable impact	0	1,000
2 Gering	Minor	Schaden mit begrenztem Einfluss auf das Tagesgeschäft	Damage with limited impact on daily operations	1,000	10,000
3 Signifikant	Significant	Verschwerbarer Schaden Gegenmaßnahmen erforderlich	Damage with bearable impact that requires countermeasures	10,000	100,000
4 Schweregrad	Major	Schaden mit schmerzhaft negativen Auswirkungen Sofortmaßnahmen erforderlich	Damage with painful negative impact that requires immediate countermeasures	100,000	500,000
5 Katastrophal	Severe	Schaden mit existenzbedrohenden negativen Auswirkungen Sofortmaßnahmen erforderlich	Damage with life-threatening negative impact on the organization that requires immediate countermeasures	500,000	-

Caption (German)	Caption (English)	Description (German)	Description (English)	Damage from	Damage to
1 Nehets ausgeschlossen	Rare	Ereignis (Bedrohung trifft Schwachstelle) etwa alle 8 Jahre oder seltener zu erwarten	Damage (threat exploits vulnerability) is expected to occur not more than once every 8 years	0	0.01
2 Unwahrscheinlich	Unlikely	Ereignis (Bedrohung trifft Schwachstelle) alle 3-8 Jahre zu erwarten	Damage (threat exploits vulnerability) is expected to occur every 3-8 years	0.01	0.1
3 Möglich	Moderate	Ereignis (Bedrohung trifft Schwachstelle) alle 1-3 Jahre zu erwarten	Damage (threat exploits vulnerability) is expected to occur every 1-3 years	0.1	0.5
4 Wahrscheinlich	Likely	Ereignis (Bedrohung trifft Schwachstelle) jedes Jahr zu erwarten	Damage (threat exploits vulnerability) is expected to occur every year	0.5	0.75
5 Nehets sicher	Almost certain	Ereignis (Bedrohung trifft Schwachstelle) häufiger als einmal im Jahr zu erwarten	Damage (threat exploits vulnerability) is expected to occur more often than once every year	0.75	0.95

3.10 Reporting and Dashboarding

Caption	Description
Report preview in multi-page view by default	With the new release, reports are previewed in the multipage view by default.
Removal of the <i>All Dashboards</i> section at Dashboards	At the dashboards all dashboards are now displayed by default, as the expandable and collapsible "All dashboards" section has been removed and therefore no longer needs to be expanded separately. However, a user's standard dashboards are still displayed at the top.

3.11 API extension

Caption	Description
API extension: Measures	<p>It is now possible to trigger "Measures" via API. The available API requests are listed below:</p> <ol style="list-style-type: none"> 1. Create a new measure 2. Create a new measure derived from a finding 3. Create a new measure derived from a chapter 4. Add a new measure implementer 5. Create a new mapping between two measures 6. Update the details for a measure 7. Update the effectivity of a mapped measure 8. Update the data of a measure implementation 9. Update the information about a measure recipient 10. Retrieve details for a measure 11. Retrieve the mapped measures of a measure 12. Retrieve information about measure implementers

	<ol style="list-style-type: none"> 13. Retrieve data of a measure implementation 14. Delete a mapping between two measures 15. Delete a mapping for a measure implementer 16. Map a new assessment for monitoring of a measure 17. Update a mapping to an assessment template for monitoring of a measure 18. Retrieve details for the mapped assessment templates for monitoring of a measure 19. Delete a mapping to an assessment template for monitoring of a measure 20. Map a new control template for monitoring of a measure 21. Update a mapping to a control template for monitoring of a measure 22. Retrieve details for the mapped control templates for monitoring of a measure 23. Delete a mapping to a control template for monitoring of a measure 24. Map a new indicator for monitoring of a measure 25. Retrieve the mapped indicators for monitoring of a measure 26. Delete a mapping to an indicator for monitoring of a measure
API extension: Findings	<p>It is now possible to trigger "Findings" via API. The available API requests are listed below:</p> <ol style="list-style-type: none"> 1. Create a new finding 2. Create a new mapping between two findings 3. Create a new mapping between a finding and a measure 4. Update the details for a finding 5. Retrieve details for a finding 6. Retrieve the mapped measures 7. Retrieve the mapped findings 8. Delete a mapping between a finding and a measure 9. Delete a mapping between two findings
API extension: Incidents	<p>It is now possible to trigger "Incidents" via API. The available API requests are listed below:</p> <ol style="list-style-type: none"> 1. Create a new incident 2. Create a new mapping between an incident and a measure 3. Create a new mapping between an incident and a finding 4. Create a new mapping between an incident and a risk 5. Update the details for an incident 6. Retrieve details for an incident 7. Retrieve the mapped measures 8. Retrieve the mapped findings 9. Retrieve the mapped risks 10. Delete a mapping between an incident and a measure 11. Delete a mapping between an incident and a finding 12. Delete a mapping between an incident and a risk
API extension: Risks	<p>It is now possible to trigger "Risks" via API. The available API requests are listed below:</p> <ol style="list-style-type: none"> 1. Create a new risk 2. Create a new mapping between two risks 3. Create a new mapping between a risk and a measure 4. Create a new mapping between a risk and a finding 5. Create a new risk derived from a finding 6. Create a new risk derived from a chapter 7. Create a new risk analysis 8. Update the details for a risk 9. Update the effectivity of a mapped measure 10. Retrieve details for a risk

	<ol style="list-style-type: none"> 11. Retrieve the mapped measures 12. Retrieve the mapped findings 13. Retrieve the mapped risks 14. Delete a mapping between a risk and a measure 15. Delete a mapping between a risk and a finding 16. Delete a mapping between two risks 17. Create a new mapping between a risk analysis and a measure 18. Update the details for a risk analysis 19. Update the details for a risk treatment 20. Retrieve details for a risk analysis 21. Retrieve details for a risk treatment 22. Retrieve the mapped measures for a risk analysis 23. Delete a risk analysis 24. Delete a mapping between a risk analysis and a measure 25. Map a new assessment template for monitoring of a risk 26. Map a new control template for monitoring of a risk 27. Map a new indicator for monitoring of a risk 28. Update a mapping to an assessment template for monitoring a risk 29. Update a mapping to a control template for monitoring a risk 30. Retrieve details for the mapped assessment templates for monitoring a risk 31. Retrieve details for the mapped control templates for monitoring a risk 32. Retrieve the mapped indicators for monitoring a risk 33. Delete a mapping to an assessment template for monitoring a risk 34. Delete a mapping to a control template for monitoring a risk 35. Delete a mapping to an indicator for monitoring a risk
API extension: User management (users, user roles, organization units)	<p>It is now possible to trigger "User management" via API. The available API requests are listed below:</p> <ol style="list-style-type: none"> 1. Create a new application user 2. Retrieve details for an application user 3. Update the details for an application user 4. Retrieve all user roles 5. Retrieve all organization units

3.12 Technical adjustments

Caption	Description
Update DevExpress to version 23.1	For DevExpress the update to the latest version 23.1 was carried out.
Possibility to use several SAML 2.0 providers at the same time	With the new release, several SAML 2.0 identity providers can be used simultaneously. Once a provider has been selected for login, the single sign-on can be carried out as usual.
Migration to .NET 8	The update to .NET 8 (LTS) was carried out with the new release.
Migration to EF Core	The data access technology was converted to EF Core.
Use of one central job management system (Hangfire) for all jobs	With the new release, all background activities, such as user notifications or protection requirement calculations, are managed via a central job management system (Hangfire).