

DISTAF

Digital Identity Systems

Trustworthiness Assessment

Framework

User Manual

Version 2.0

Acknowledgements.

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The Institute is named in honour of Alan Turing, whose pioneering work in theoretical and applied mathematics, engineering and computing is considered to have laid the foundations for modern-day data science and artificial intelligence. It was established in 2015 by five founding universities and became the United Kingdom's (UK) National Institute for Data Science and Artificial Intelligence. Today, Turing brings together academics from 13 of the UK's leading universities and hosts visiting fellows and researchers from many international centres of academic excellence.

Turing also liaises with public bodies and is supported by collaborations with influential organisations.

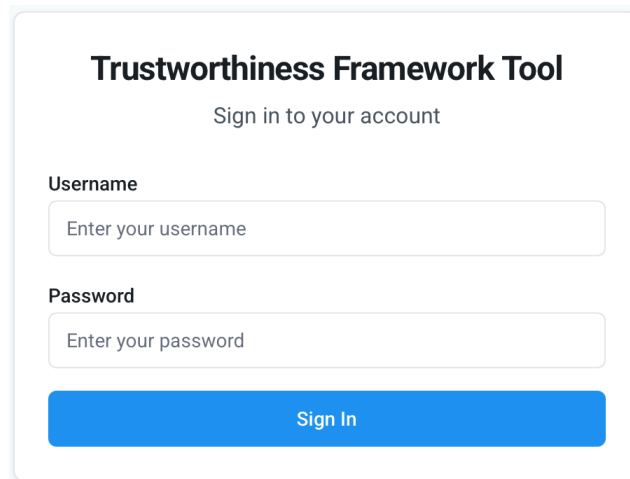
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Log-In and Log-out

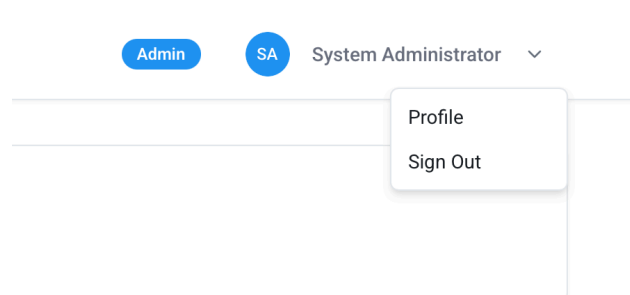
The login process is a mandatory step to verify the identity of a user attempting to access the system. It involves the following steps:

1. Connect to the site at the URL where it is deployed
2. Enter your username and password
3. Press the **Sign In** button



Symmetrically, the log-out process is used to close the current session, as follows:

1. On the top right page select your name
2. Select the **Sign Off** item from the drop-down menu



How to change own password

Every user has the possibility of changing its own password, with the following steps:

1. On the top right page select your name
2. Select the **Profile** item from the drop-down menu
3. Type the **current password** in the appropriate field
4. Enter the **new password** in the appropriate field
5. **Repeat** the new password in the appropriate field
6. Select the **Change Password** button at the top right to confirm the change

Change Password

Current Password

New Password

Confirm Password

Change Password

Creating a new user and assigning roles

When logged-in as an administrator, it is possible to create a new user and to assign the corresponding permission (roles):

1. Select **User Management** from the top menu
2. Select the **Create User** button on the right

Trustworthiness Framework Tool
Dashboard
User Management
Admin SA System Administrator

User Management

Manage system users and their permissions

System Users
Create User

Username	Name	Email	Role	Status	Last Login	Actions
admin	System Administrator	admin@example.com	admin	Active	21/12/2025	

Now it is possible to add the details and assign roles, following the steps:

1. Insert the **username** (must be unique) and **email**
2. Add **first** and **last** name
3. Type the initial **password**
4. In the **Role** dropdown, select the role to which the new user shall be assigned
5. press the **Create User** button to save the changes

Create New User

Username *

Email

First Name

Last Name

Password *

Role *

External

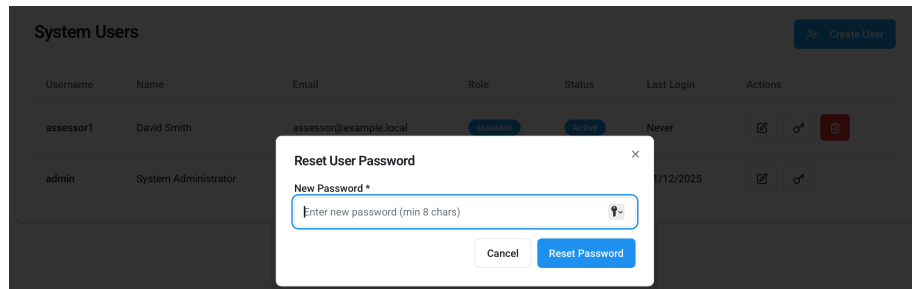
Cancel
Create User

Resetting a user password

In case a user forgot their own password, it is possible to reset it with the following steps:

1. Select **User Management** from the top menu

2. **Check** the relevant user and **click** on the **key** icon from the right menu
3. A popup will appear with the possibility of specifying a new password
4. Click the **Reset Password** button to confirm the operation and return to the user page



Creating and editing an assessment

In order to create a new assessment, follow the steps:

1. Click on **Dashboard** in the top menu
2. Click on **New Assessment** button, opening a new page
3. Insert the **System Name** (must be unique), and the **System Description**
4. Select the **Assessment Status**, choosing between Draft-In Progress-Complete
5. Select the **Visibility**, either Private (available to admins and assessors) or Public
6. Finalise the creation by clicking on **Create Assessment**

When saved, the edit assessment page is opened, giving the possibility of assigning scores to metrics. Note that the page auto-saves itself, so there is no need to press any save button. In the page there are:

1. The **assessment details** (Name, Description, Status and Visibility) are still present and editable
2. An **assessment progress** bar allows to track the percentage of completeness of the metrics
3. Six buttons are available to select each specific **pillar**

Assessment: Assessment1
First version of country EIDS

Auto-save enabled [← Back](#)

System Name *
Assessment1

System Description
First version of country EIDS

Assessment Status
Draft

Visibility
Private

Assessment Progress
0% Complete

☒ Privacy ☐ Robustness ☐ Ethics ☐ Resiliency ☐ Reliability ☐ Security

When a pillar is selected, the bottom of the page displays the mechanisms and the metrics from such a pillar:

1. Metrics can be **filtered** using the **Completion Status** dropdown, allowing to keep All metrics, just the one already completed or, symmetrically, only the one yet to assign.
2. Metrics can also be filtered using the **Metric Type** dropdown, allowing to focus on operational or design metrics only.
3. The pillar is composed by several mechanisms, each one represented by a box with:
 - a. Name and description of the mechanism
 - b. A **checkbox** which provides the possibility of excluding the mechanism from the evaluation
 - c. The **average score** and the **percentage of metrics assigned**, both as numeric values and as progress bar.

Privacy Pillar
Framework pillar covering privacy aspects

Filter Metrics
Completion Status: All Metric Type: All

☐ Exclude from assessment

Collection and Data minimisation
Collection and Data minimisation controls and measures
0% complete
Score
Progress

☐ Exclude from assessment

User Consent for attributes' collection, processing, re-use and release
User Consent for attributes' collection, processing, re-use and release controls and measures
0% complete
Score
Progress

When clicking on a mechanism box, the section expands, displaying the corresponding metrics. Score can be assigned following these steps:

1. The assessor can choose a **Quick Configuration Preset** from the dropdown menus (either operational or design) to pre-assign score to relevant metrics
2. With more detail, the assessor can navigate through the metrics using the navigation buttons (**Next** or **Previous** metrics)
3. The score of each metric can be assigned using a checkbox or a slider, and immediately saved; in doing so, the score and the progress of the mechanism are also updated
4. Optionally, the assessor can also add notes/comment/justification.

☐ Exclude from assessment

Collection and Data minimisation
 Collection and Data minimisation controls and measures

0%
 0% complete
 Score
 Progress

Quick Configuration Presets
 Operational Metrics Configuration: None (Manual)
 Design Metrics Configuration: None (Manual)

< No previous Metric 1 of 7 6 next >

PCDM.D1 Data is adequate and relevant (the purpose and rational are clear) P.CDM.D1 ⓘ 0%
 Data relevance indicates the level of consistency between the content of data and the purpose of the EIDS. Not answered

Design Metric

Assessment Value
☐ Yes / Implemented ☐ No / Not Implemented

Notes & Justification (Optional)
 Add notes or justification for your answers to this metric...

Working with an existing assessment

When the assessment has been already created, it is visible in the dashboard page. On the same row, on the right, there is menu to access all aspects of the assessment:

- Clicking on **View Results**, it shows the trustworthiness profile of the system, with the possibility of downloading a report
- Clicking on **Standard Compliance**, the assessor can immediately fill the metrics corresponding to standards to which the system is already compliant
- Clicking on **Edit Assessment**, the assessor can return to the edit assessment page and continue assigning scores
- Clicking on **Close Assessment**, the assessor can create a copy of the assessment, maintaining the previously assigned scores; in this clone, the assessor can add/modify metrics to create an updated version of the assessment

Recent Assessments						New Assessment
	SYSTEM NAME	STATUS	LAST MODIFIED	VISIBILITY	OWNER	ACTIONS
<input type="checkbox"/>	Assessment1 First version of country EIDS	Draft	Just now	Private	System Administrator	... View Results Standards Compliance Edit Assessment Clone Assessment Delete

Declaring compliance to a standard

A quick way to start an assessment is by declaring to which international standards the EIDS system has already been proved to be compliant. In doing this, all metrics connected to those standards are automatically satisfied, according to these steps:

1. Click on the **Standard Compliance** action button of the assessment
2. Identify the standards and click on the corresponding checkbox on the left; the standard will be marked as compliant, and all related metrics will marked as satisfied.

← Standards Compliance

Assessment1

Overall Compliance Progress

18 of 44 Standards

41%

Checking a standard will automatically set all related metrics to "Yes" (100% score)

Available Standards

Select the standards your system complies with. This will automatically mark all associated metrics as implemented.

☒ AC-12 SESSION TERMINATION from NIST 800-171

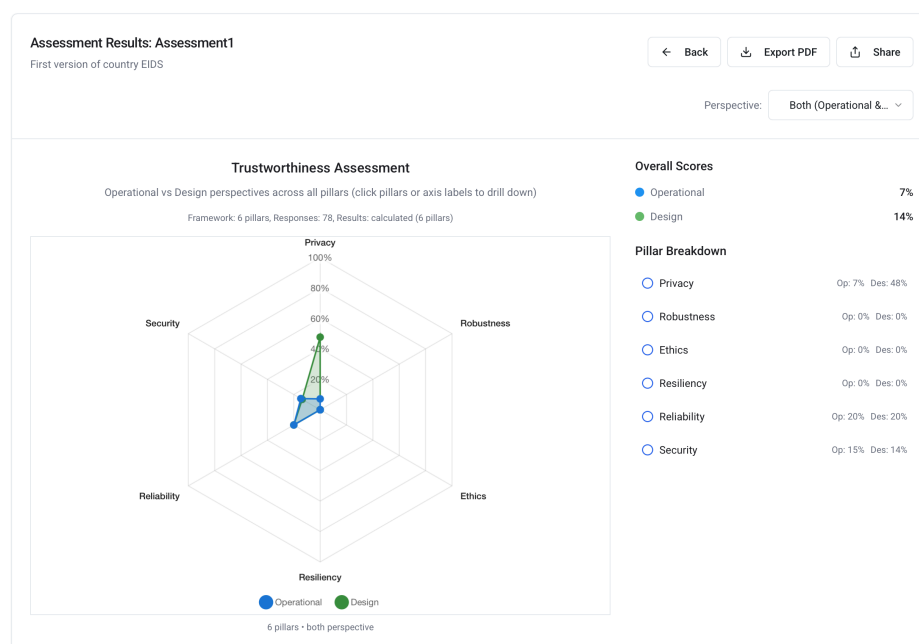
☒ Compliant

☐ Data Retention Regulations 2014 – DRR 2014

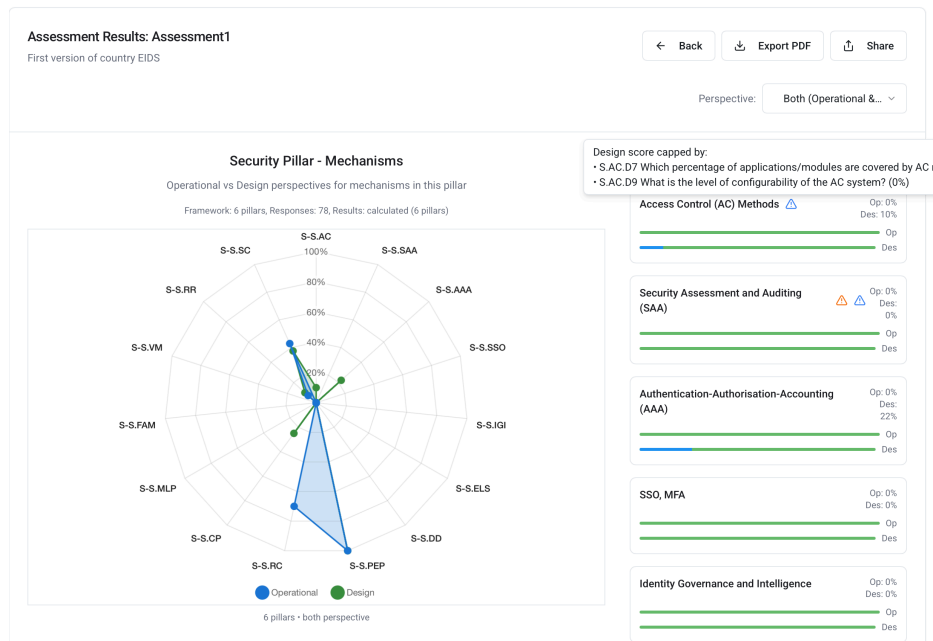
☐ Not Compliant

Viewing the results of an assessment

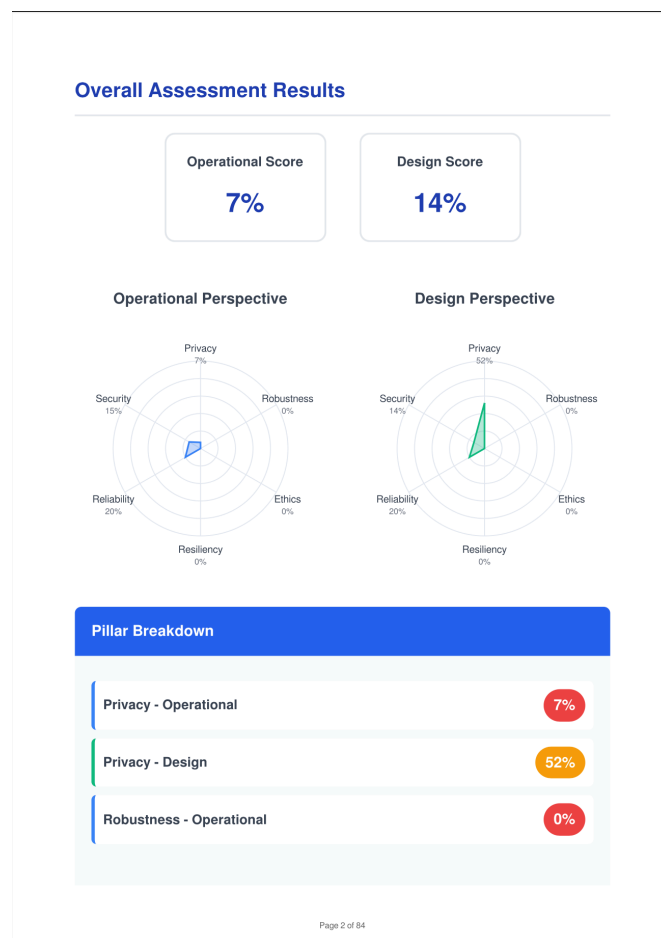
An assessment can be evaluated by accessing its **View Results** page. In the latter, a polar diagram shows its trustworthiness fingerprint, both in the operational and design phase (selectable).



By clicking on a specific pillar, the same diagram is drilled down to such specific pillar, highlighting the mechanisms. If any icons are visible on the right panel, it means the mechanism is capped by one or more unsatisfied mandatory metrics. In such a case, by hovering the mouse on those icons, the assessor can check which metrics are missing.



By clicking on the **Export PDF** button, the user can also export a report of the assessment, showing all aspects, from the pillars down to all metrics and scores.



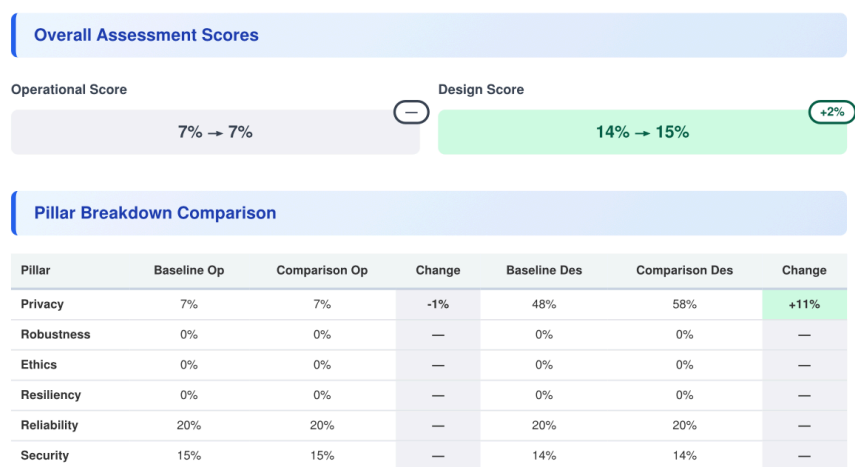
Comparing two assessments

When multiple assessments have been conducted, possibly using the clone functionality to create a new version, it could be useful to create a report to investigate the differences. This can be done as follows:

1. In the assessment list (dashboard) page, select two assessments
2. A button named **Compare Selected** will appear

Recent Assessments						New Assessment
2 assessments selected			Clear Selection		Compare Selected (2)	
SYSTEM NAME	STATUS	LAST MODIFIED	VISIBILITY	OWNER	ACTIONS	
<input checked="" type="checkbox"/> Assessment2 Second version of country EIDS	Draft	Just now	Private	System Administrator	...	
<input checked="" type="checkbox"/> Assessment1 First version of country EIDS	Draft	1 hour ago	Private	System Administrator	...	

When the button is clicked, a new report is generated that compares both assessments, highlighting the differences, from the pillar level...



down to the metrics..

