



A project of the European Anti-Cybercrime Technology Development Association
(EACTDA)



D7.4 Online evaluation platform launch and operation report



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1. Introduction

1.1. Overview of the Tools4LEAs project

EACTDA is the acronym of the European Anti-Cybercrime Technology Development Association, which is a private non-profit association, established in San Sebastian, Spain. The members of the Association include European Union (EU) public entities fighting cybercrime, universities and research technology organisations, for-profit private companies, and other relevant actors in the field of the EU security research and innovation.

The Tools4LEAs projects are a series of projects that receive a Direct Award under the ISFP programme, and which main goal is to facilitate and promote the uptake of innovative technologies by EU public entities fighting cybercrime. EACTDA, via the Tools4LEAs projects, aims at further developing pre-existing assets, mainly from EU-funded security research and development projects, so that they are offered with no license cost and with access to the source code to EU public entities fighting cybercrime.

In the first Tools4LEAs project (v1; Jul'21 to Jun'23), the focus was on designing and setting up the infrastructures, processes, and governance / decision-making mechanisms, whilst delivering the first set of “fully-tested and operational-ready” tools via Europol’s Tool Repository. Though 11 tools were further developed in the v1 project, it is expected that 3 of them will not be released to their targeted audience as they do not pass the pre-established quality threshold of “operational-ready”. Also, an End-User Advisory Board (EUAB) composed as of Oct'25 by 24 members from 14 EU member states and co-chaired by two Europol units (EC3 and Innovation Lab) was established and it is the body responsible for identifying and prioritising end-user needs and which has veto right over the decisions done by EACTDA/Tools4LEAs with regard to the tool development roadmap.

In the second Tools4LEAs project (v2; Jul'23 to Jun'25), it is proposed to double the number of tools delivered. Also, the repository of tools implemented in v1, and currently used to host the results of the Tools4LEAs projects, will be enhanced and reused to host the results of EU-funded security research projects (when relevant in the field of cybercrime). EACTDA will play the role of custodian of these results, and the technical, IPR, and administrative aspects needed to create this new repository of security research results will be put in place. In addition, the v2 project will include a pilot to proof the concept of initial and limited support&maintenance periods for a selection of tools. Besides, a pilot of the concept of EACTDA national nodes will be included, with nodes planned in LT, FR, ES, and maybe one or two more. Also, an online platform for end-users to evaluate Tools4LEAs tools will be implemented. Finally, the v2 project will include activities to further build the community of Tools4LEAs stakeholders and to promote the creation and/or adoption of technical blueprints, and in general, of commonly accepted best practices.

1.2. Main objective of this document

As commented in the previous section, the Tools4LEAs-v2 project’s scope includes an online platform for end-users to allow then evaluate Tools4LEAs tools. This document presents the status of the platform as of October 2025, after having been developed, piloted, and released.

1.3. Relation to other deliverables

This deliverable is closely related to the following deliverables:

- **D7.1. Evaluation report of the online evaluation platform's implementation:** Deliverable D7.1 reports on the implementation of the online evaluation platform, and therefore it provides an update of the initial design presented in D7.1.
- **D7.2. Evaluation report of the online evaluation platform's implementation:** Deliverable D7.2 reports on the status of the platform as of October 2025, whilst D7.2 presented the design and status of the development of the platform in September 2024.
- **D7.3. Online evaluation platform pilot phase report:** Deliverable D7.3 reported the status of the platform's pilot phase, whilst D7.4 reports on the status of the platform once it has been fully developed and launched operationally.

1.4. Structure of the deliverable

Section 2 of this document introduces the concept of the online evaluation platform, its intended purpose, targeted users, and the planned work plan to implement it.

Section 3 presents the status of the online evaluation platform as of October 2025.

Section 4 presents the presents the future plans for the platform.

Finally, section 5 summarises which is the goal and key aspects of this document, it acknowledges that there is still work to be done to improve the document, and it presents some of the areas of future work that have already been identified.

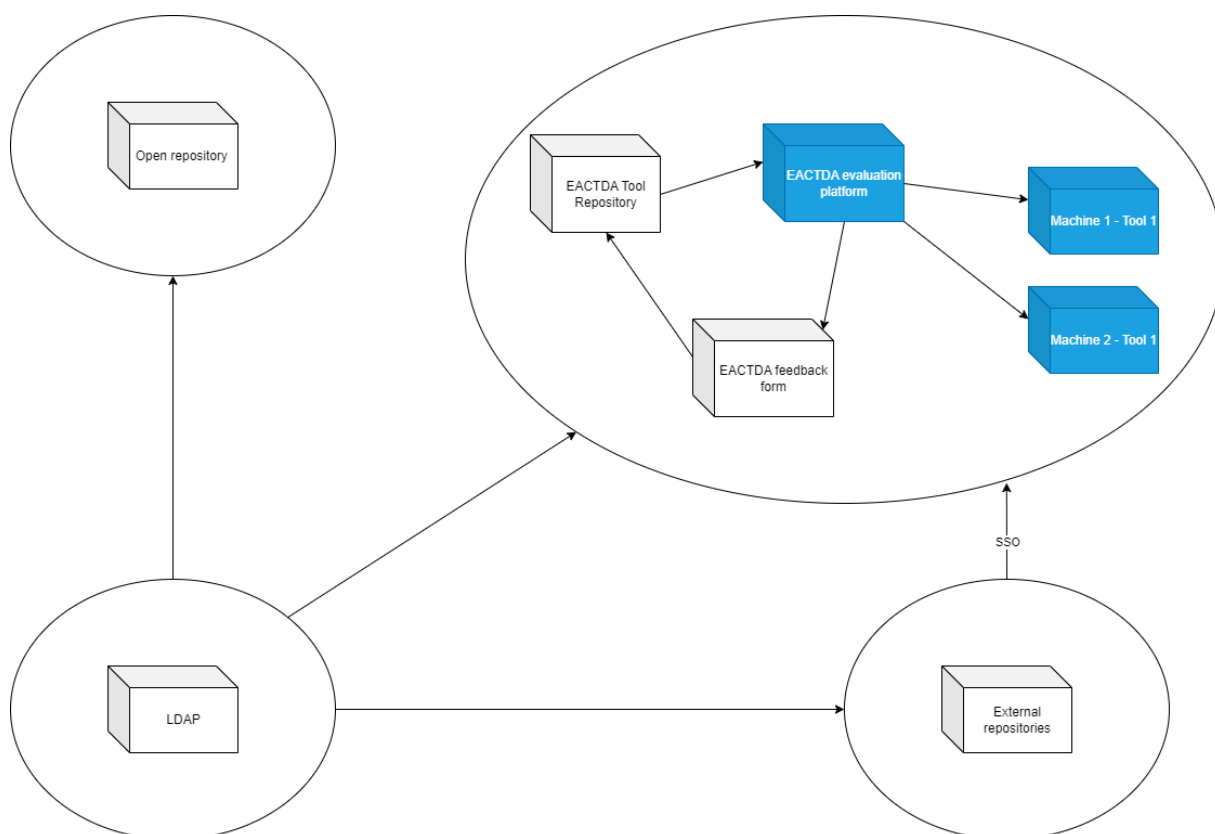
2. Introduction to the Online Evaluation Platform

2.1. Purpose of the Online Evaluation Platform

Facilitating the uptake of innovative solutions by European Union public entities fighting cybercrime is at the core of EACTDA and the series of Tools4LEAs projects.

During the Tools4LEAs v1 project (Jul'21 to Jun'23) the End-User Advisory Board of the project proposed to facilitate an evaluation platform at which authorised users could evaluate the Tools4LEAs tools that have been considered fully-tested and operational-ready and which, therefore, are released via the different distribution channels (i.e., EACTDA's repository of tools, Europol's ETR) and available to our targeted end-users to adopt and use.

This platform is encompassed inside a bigger ecosystem, which is designed with the aim to facilitate the uptake and evaluation of the projects developed within the Tools4LEAs project framework. So, before describing the functionalities of the Online Evaluation Platform, the full ecosystem will be briefly described.



EACTDA's Online Evaluation Platform is a platform that will allow the users try different type of tools, all of them developed within the Tools4LEAs project. As of now, three tool categories have been identified: web service tools, API tools and standalone tools. The main functionalities of this platform will be described in the Functional requirements section. Once the evaluation session for a specific tool has finished, the user will be redirected to EACTDA's feedback form. This form will include different categories that the user will have to fulfill to provide valuable feedback from the tool.

In order to access the platform, the user must be logged in. Depending on the user privileges that the user possesses (previously defined by the administrator), the user will be able to login to the Online Evaluation Platform or will only be able to access EACTDA's Tool Repository. This repository will allow

the user to view metadata from each tool (name, version, author), as well as a description, videos describing the functionalities of the tool, etc. As it has already been explained, depending on the user permissions, he/she will be able to request access to an instance of the tool, in order to try it and evaluate it. To establish the connection between the Tool Repository and the Online Evaluation Platform Single Sign-On will be implemented.

Besides, Single Sign-On will also be implemented to allow users with permissions granted to access any of these previous services from an external trusted environment/repository, such as Europol's ETR, the Freetool Hub, or ECTEG's catalogue of training courses.

Apart from these services, an Open Repository will be designed. This will act as a catalogue of tools from external projects (relevant project related to cybersecurity) that will be hosted in this repository for the user to download them. This repository will be opened to everyone. However, in order for the users to download the tools, they will have to register to it.

To manage the user accounts to every service described above, an LDAP server has been implemented, which will allow the users access all the available service by just logging in once to the LDAP server. In this server the users will have to register and create an EACTDA account, which will serve them to access the different services within the ecosystem. The type of access to each service will depend on the permissions level provided by the administrator.

2.2. Targeted users of the Online Evaluation Platform

All EACTDA targeted end-users, this is, European Union public entities fighting cybercrime¹, are the targeted users of the online evaluation platform. In addition, EACTDA Secretariat IT staff will also be the administrator of the platform.

¹ In Autumn 2023 the Board of the Association agreed to extend the targeted audience not only to EU public entities fighting cybercrime but also to public entities fighting cybercrime from Schengen area countries, included those that are not from the EU.

3. Status of the online evaluation platform

3.1. Integration with the EACTDA Portal

The “Online Evaluation Platform” has been seamlessly integrated using Single Sign On with the “EACTDA Portal”, which is the service that is used to register and authenticate holders of “EACTDA Accounts”.

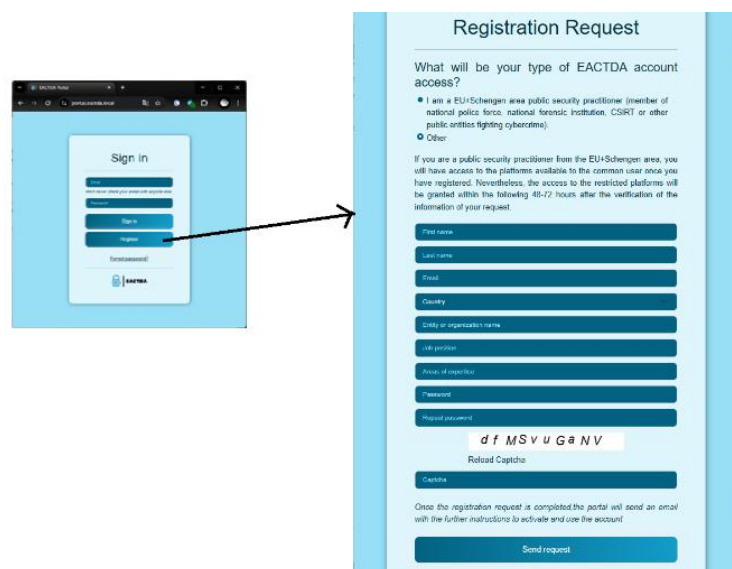
3.1.1. EACTDA Accounts

EACTDA is implementing a user management system with a single sign-in service to allow users to access a wide range of EACTDA services and products with just one set of credentials. This system is called “EACTDA Accounts”, and its key features are:

- **Single Sign-On:** Use one email address and password to sign in to multiple EACTDA services like Outlook, OneDrive, Office, Xbox Live, and more.
- **Security:** EACTDA Accounts come with robust security features, including two-factor authentication and account recovery options.
- **Personalization:** users’ experience can be customized with personalized settings and preferences that follow users across different services.
- **Different user access groups:** the system allows to create different user access groups and to assign new users to one or more of these groups (e.g., Administrator, End-users, End-User Advisory Board member, End-User domain-expert, Others). Depending on the access groups a user has been assigned to, he or she will have (or not) permissions and access levels to the different EACTDA services.

3.1.2. EACTDA Portal

To allow users to create and manage EACTDA Accounts, an online portal named “EACTDA Portal” is being developed. The BETA version of this portal is planned to be launched in April 2025. Below we present a few screenshots of some of the pages of the Portal as of February 2025.



The image shows two screenshots of the EACTDA Portal. On the left is the 'Sign in' page, which has a blue header and a white box with the 'Sign in' title. It contains fields for 'Email' and 'Password', and buttons for 'Sign in' and 'Forgot password?'. On the right is the 'Registration Request' page, which has a blue header and a white box with the 'Registration Request' title. It contains a form with fields for 'First name', 'Last name', 'Email', 'Country', 'City or organization name', 'Job position', 'Phone or e-mail', 'Password', and 'Repeat password'. There is a 'Send request' button at the bottom. An arrow points from the 'Sign in' page to the 'Registration Request' page.

Figure 1 - EACTDA Portal - "Sign-in" and "Register" pages

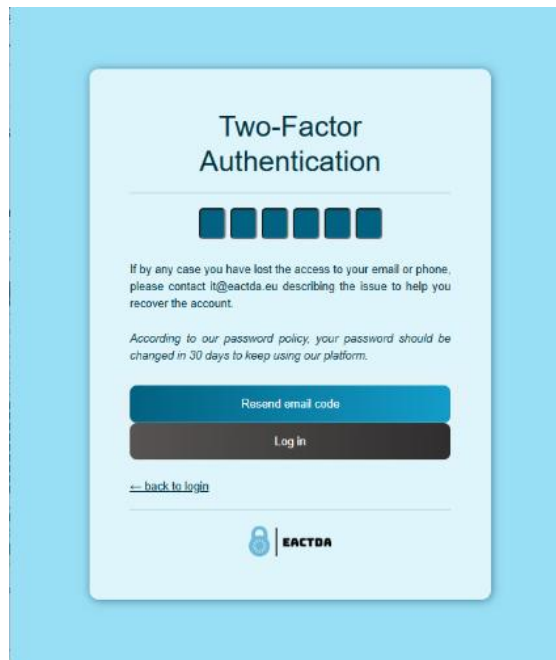


Figure 2 – EACTDA Portal - Two Factor authentication implemented (2 options: SMS or Authenticator Apps)

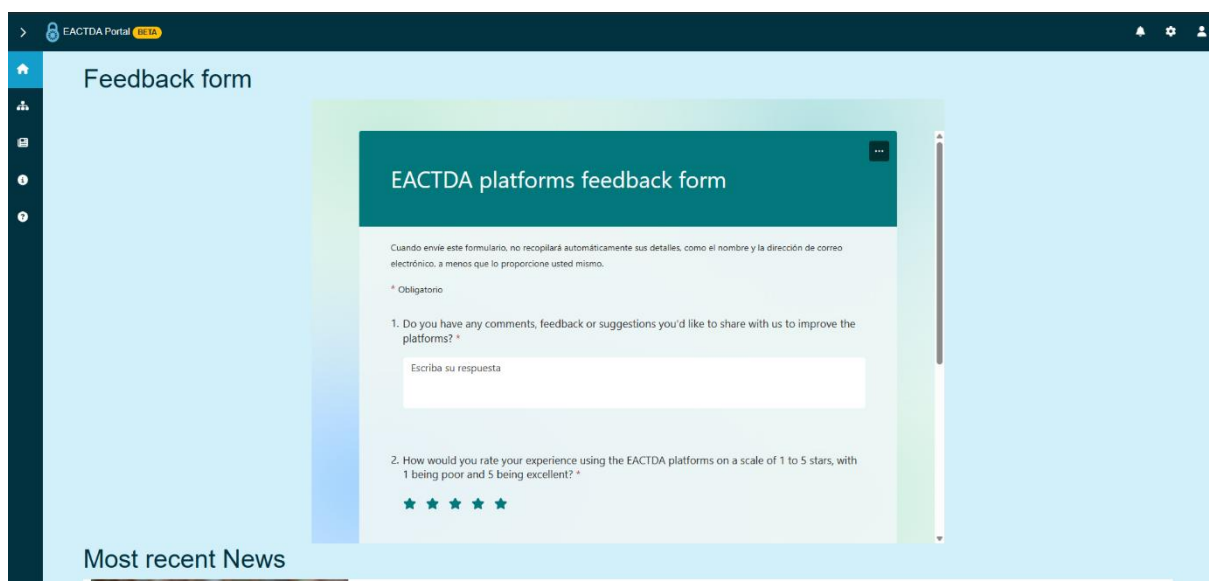


Figure 3 – EACTDA Portal - Home page with summary of Latest News

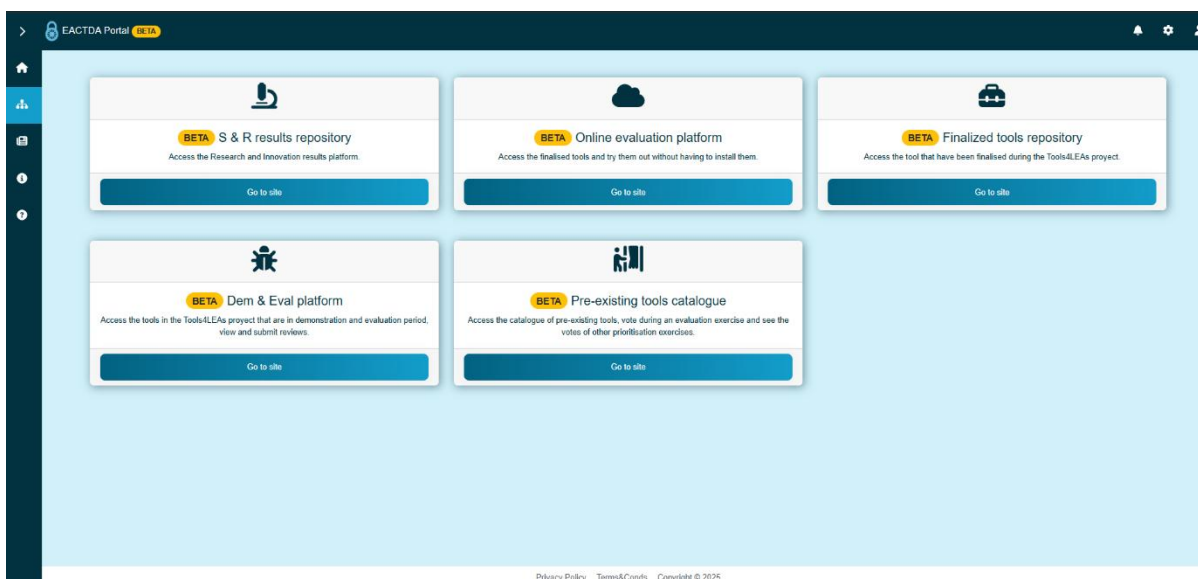


Figure 4 - EACTDA Portal - Services page

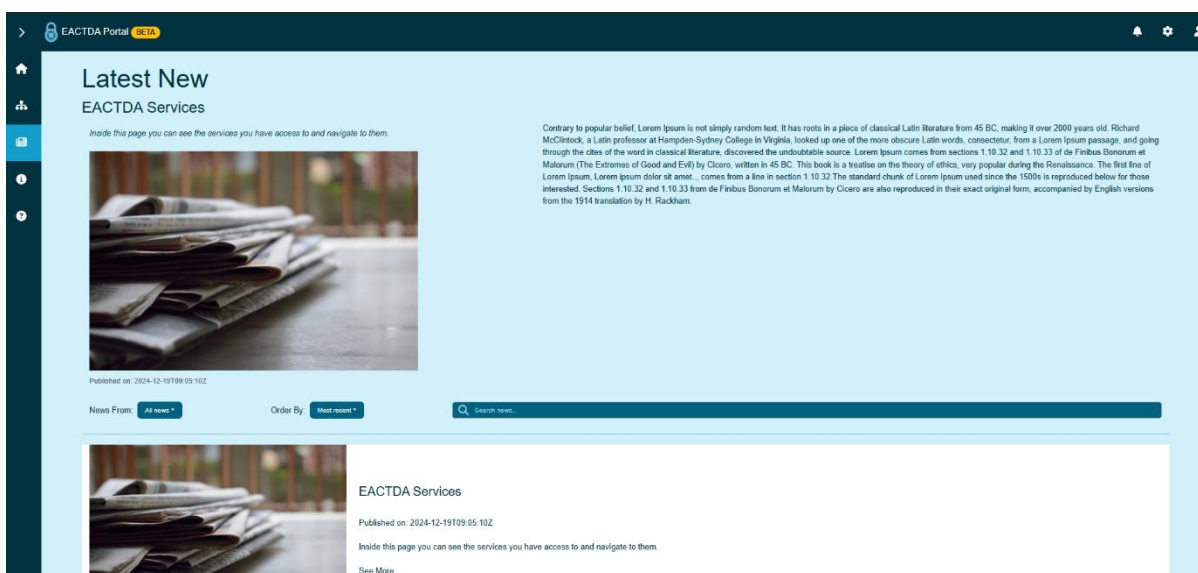


Figure 5 - EACTDA Portal - Latest news page



Figure 6 - EACTDA Portal - About us page



Figure 7 - EACTDA Portal - FAQ page

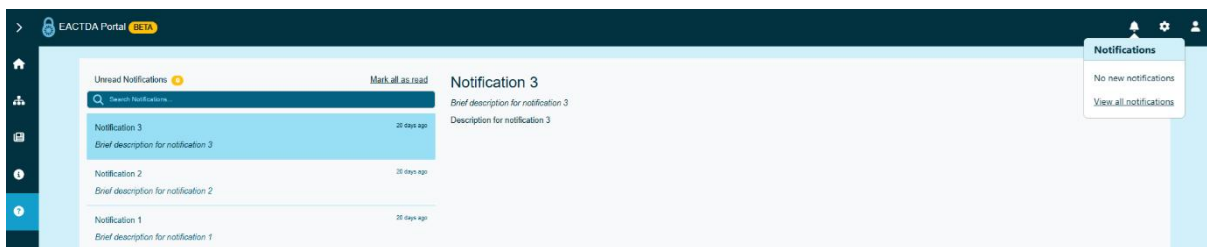


Figure 8 - EACTDA Portal - View all notifications

3.1.3. Integration of the Online Evaluation Platform with the EACTDA Portal

Once a user has successfully registered and logged-in to the EACTDA Portal, if he/she has the permissions to access it, the Online Evaluation Platform service will be listed under the EACTDA Services page of the portal. Users with no access rights to the online evaluation platform will not see the service in the same page.

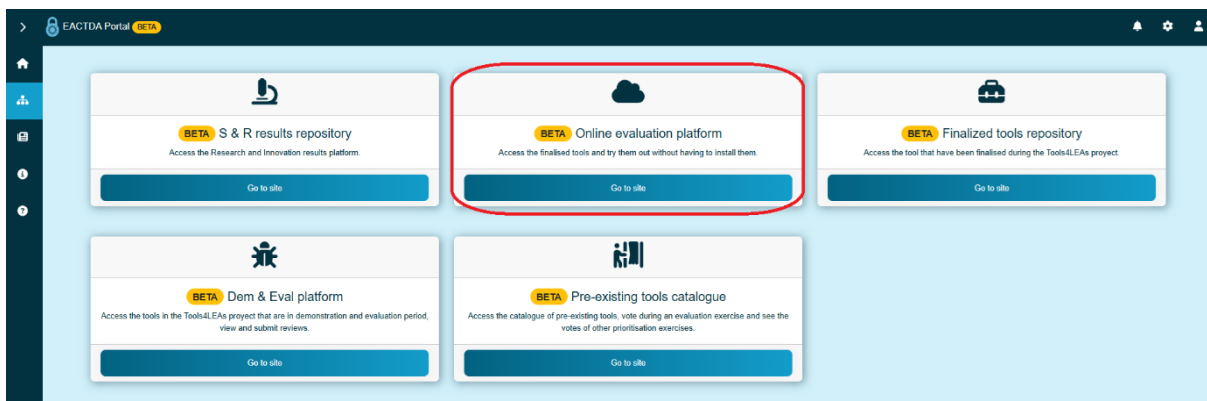
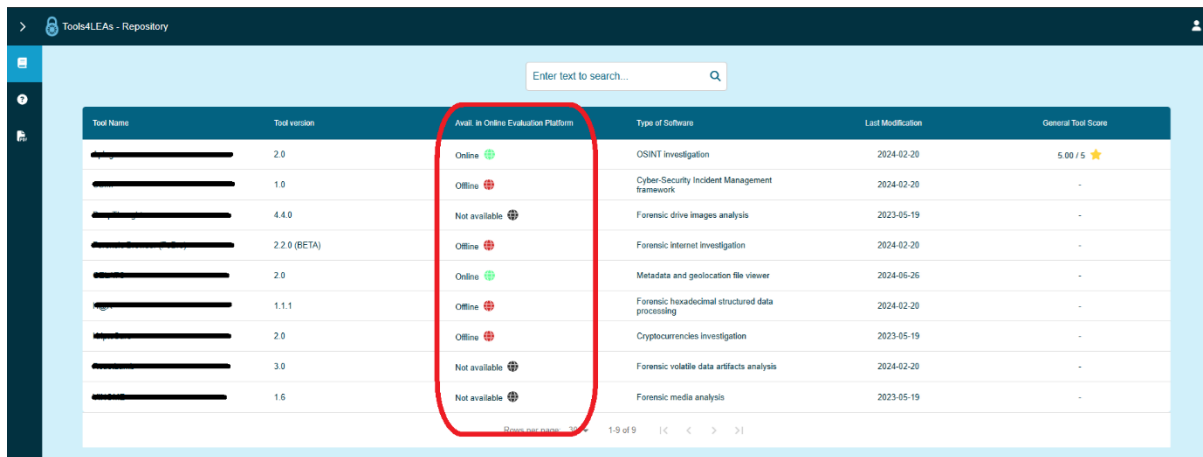


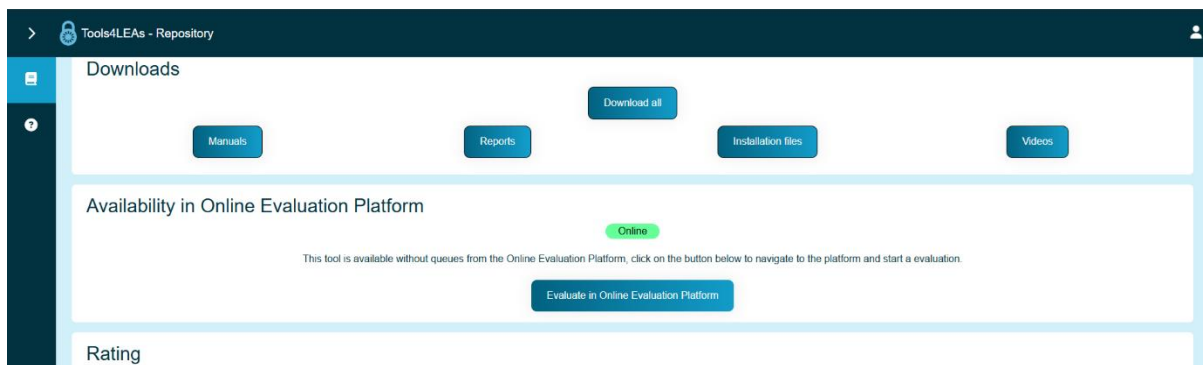
Figure 9 - The Online Evaluation Platform listed in the EACTDA Services page (available via SSO)

Also, when a user is browsing the “Finalised tools repository” service, he/she can also jump directly to the “Online Evaluation Platform” service from it, without having to go back to the EACTDA Portal’s Services page.



Tool Name	Tool version	Avail. in Online Evaluation Platform	Type of Software	Last Modification	General Tool Score
[REDACTED]	2.0	Online 	OSINT investigation	2024-02-20	5.00 / 5 
[REDACTED]	1.0	Offline 	Cyber-Security Incident Management framework	2024-02-20	-
[REDACTED]	4.4.0	Not available 	Forensic drive images analysis	2023-05-19	-
[REDACTED]	2.2.0 (BETA)	Offline 	Forensic Internet investigation	2024-02-20	-
[REDACTED]	2.0	Online 	Metadata and geolocation file viewer	2024-06-26	-
[REDACTED]	1.1.1	Offline 	Forensic hexadecimal structured data processing	2024-02-20	-
[REDACTED]	2.0	Offline 	Cryptocurrencies investigation	2023-05-19	-
[REDACTED]	3.0	Not available 	Forensic volatile data artifacts analysis	2024-02-20	-
[REDACTED]	1.6	Not available 	Forensic media analysis	2023-05-19	-

Figure 10 – Status of the direct links from "Finalised tools repository" tool fiches to the "Online Evaluation Platform"



Downloads

Manuals Reports Download all Installation files Videos

Availability in Online Evaluation Platform

Online

This tool is available without queues from the Online Evaluation Platform, click on the button below to navigate to the platform and start a evaluation.

Evaluate in Online Evaluation Platform

Rating

Figure 11 - Direct link from a tool's fiche to the "Online Evaluation Platform"

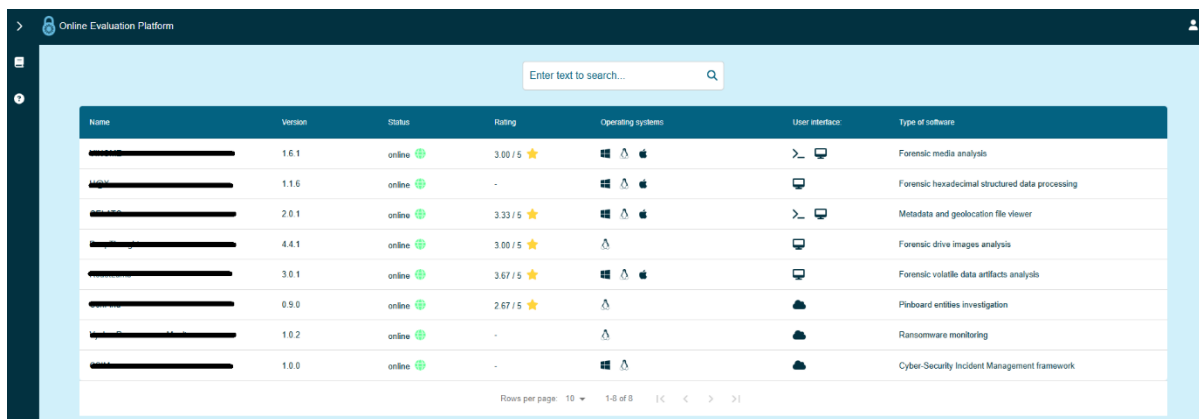
3.2. Status of the Online Evaluation Platform development

As of October 2025, the implementation of the first version of the online evaluation platform has been completed as originally planned. Below we report the status of the different parts of the platform.

The user management back-end and front-end modules of the platform have been completed, including the integration with the LDAP service.

Below we present a set of screenshots of the online evaluation platform's user interface in its development environment as of September 23rd, 2025.

When a user clicks on the "Go to site" button of the "Online Evaluation Platform" service, he/she will be redirected to the platform seamlessly (single sign on).



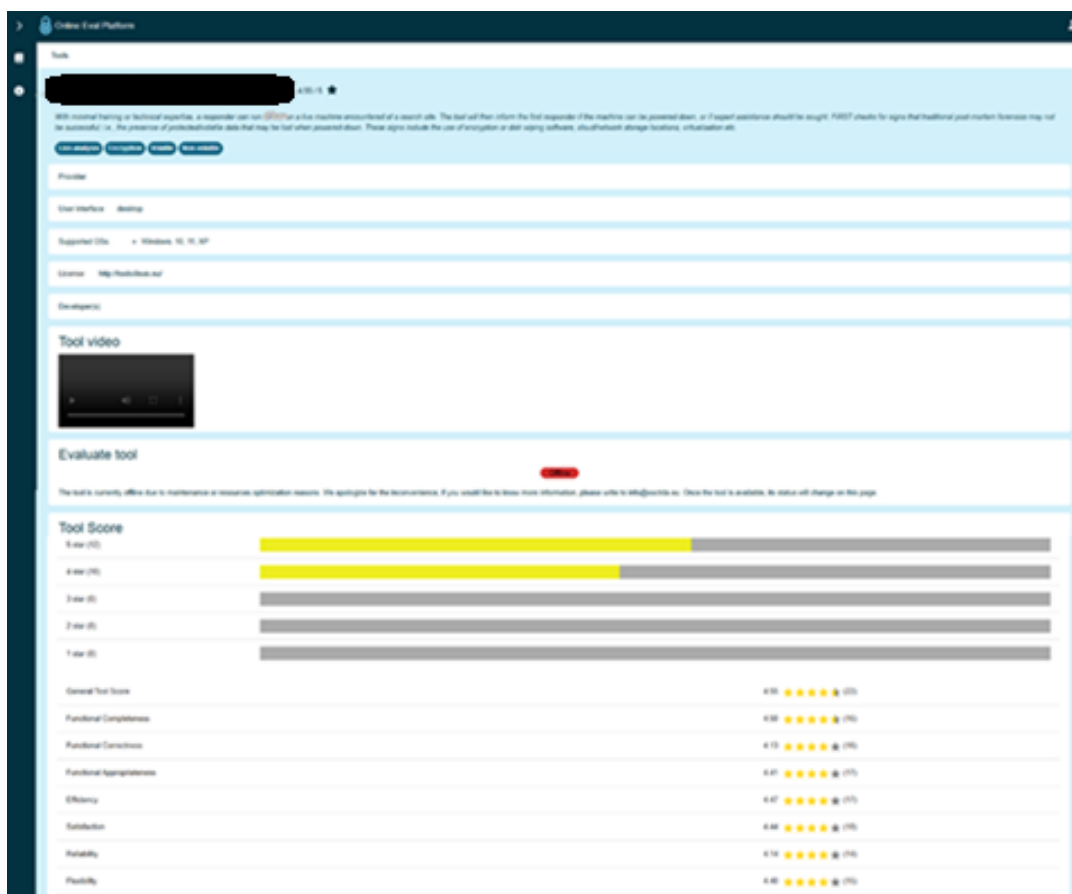
Online Evaluation Platform

Enter text to search...

Name	Version	Status	Rating	Operating systems	User interface	Type of software
[REDACTED]	1.6.1	online	3.00 / 5	Windows, macOS	Web	Forensic media analysis
[REDACTED]	1.1.6	online	-	Windows, macOS	Web	Forensic hexadecimal structured data processing
[REDACTED]	2.0.1	online	3.33 / 5	Windows, macOS	Web	Metadata and geolocation file viewer
[REDACTED]	4.4.1	online	3.00 / 5	Windows, macOS	Web	Forensic drive images analysis
[REDACTED]	3.0.1	online	3.67 / 5	Windows, macOS	Web	Forensic volatile data artifacts analysis
[REDACTED]	0.9.0	online	2.67 / 5	Windows, macOS	Web	Pinboard entities investigation
[REDACTED]	1.0.2	online	-	Windows, macOS	Web	Ransomware monitoring
[REDACTED]	1.0.0	online	-	Windows, macOS	Web	Cyber-Security Incident Management framework

Rows per page: 10 | 1-8 of 8 | [Navigation icons]

Figure 12 - Online Evaluation Platform – Home page



Online Evaluation Platform

Tools

[REDACTED] 4.00 / 5

With minimal training or technical expertise, a responder can run [REDACTED] on a live machine encountered at a search site. The tool will then return the first responder if the machine can be powered down, or if report assistance should be sought. FROST checks for signs that traditional post-mortem forensics may not be successful i.e. the presence of protected/obscured data that may be lost when powered down. These signs include the use of encryption or data wiping software, cloud-based storage locations, virtualisation etc.

Downloadable | Configurable | Windows | Web interface

Provider: [REDACTED]

User interface: Web

Supported OSes: Windows, macOS, Linux

License: [REDACTED]

Demographic: [REDACTED]

Tool video

Evaluate tool

The tool is currently offline due to maintenance or resource optimisation reasons. We apologise for the inconvenience. If you would like to know more information, please write to info@tools4leas.eu. Once the tool is available, its status will change on this page.

Tool Score

5 star (100%)

4 star (75%)

3 star (50%)

2 star (25%)

1 star (0%)

General Tool Score: 4.56 (100%)

Functional Completeness: 4.56 (100%)

Functional Correctness: 4.56 (100%)

Functional Appropriateness: 4.56 (100%)

Efficiency: 4.56 (100%)

Usability: 4.56 (100%)

Portability: 4.56 (100%)

Flexibility: 4.56 (100%)

Figure 13 - Tool details page

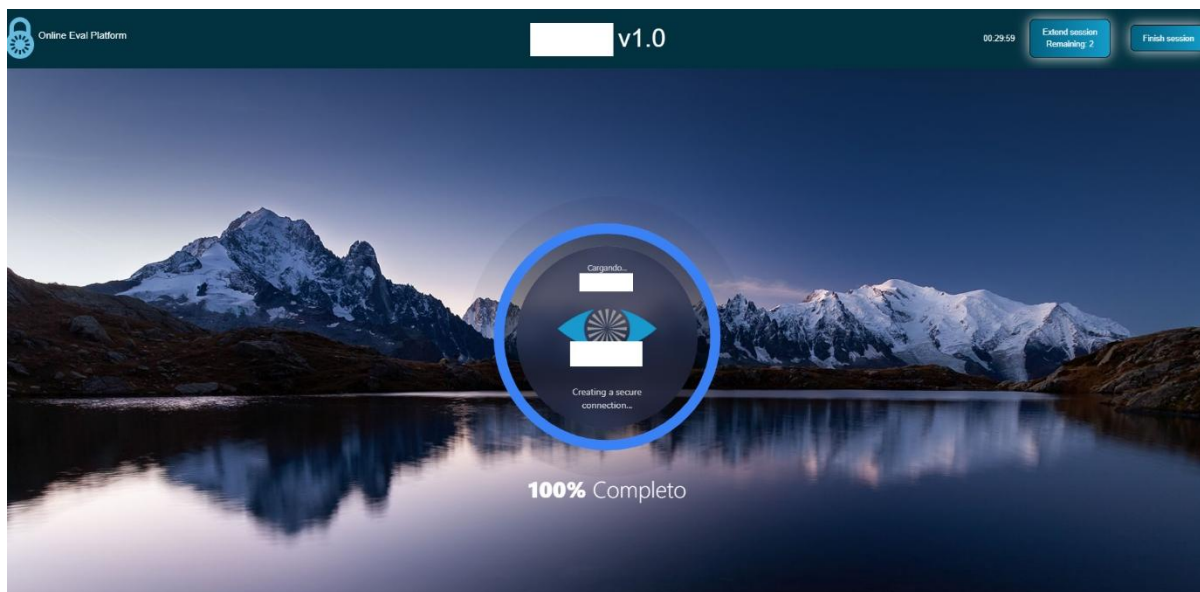


Figure 14 - Giving the user access to the chosen tool; opening page

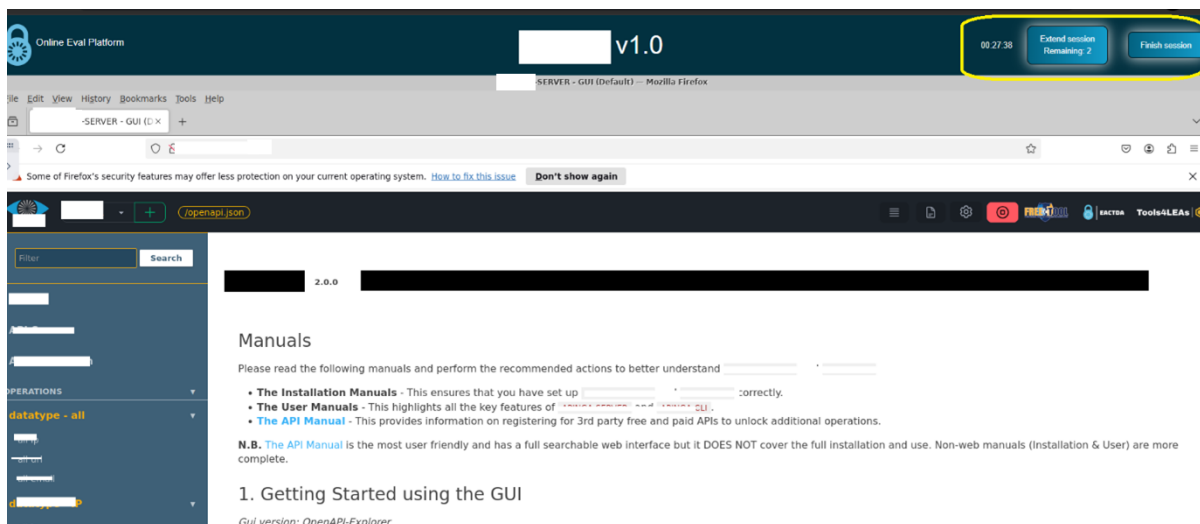


Figure 15 - Example of a tool being evaluated; with remaining evaluation time display, finish session, and extend duration buttons

4. Online Evaluation Platform's evolution and future plans

4.1. Status

As of October 2025, the Online Evaluation Platform has just been released to its targeted audience. The VPN that was needed to access the BETA version of EACTDA Portal was removed on 24/10/2025, and the login page of EACTDA Portal, which is the entry point to the online Evaluation Platform, can now be found at: <https://portal.eactda.eu>

The version released has a few minor issues and identified enhancements that have been included in the Portal's product backlog for future maintenance and evolution.

As EACTDA is also carrying out a migration of its Platform as a Service (PaaS), the EACTDA Portal, including the Online Evaluation Platform is currently supported by an infrastructure that is reduced from its full potential. The migration of the PaaS is expected to finish during the month of November. Then, the EACTDA Portal and the Online Evaluation Platform will benefit from the new infrastructure. In the meantime, the dissemination and invitation to targeted end users to register and join the platform will be done gradually.

On October 29th, the EACTDA Portal, including the Online Evaluation Platform was presented in Madrid to more than 250 police officers, all of them from fighting cybercrime related units. Also, on October 30th, an equivalent presentation was made to more than 20 Guardia Civil cybercrime related police officers, representatives of various different units and services. These two events have been the first two in which the EACTDA Portal has been presented. During the month of November, the EACTDA Portal will be presented to all EACTDA end-user members as well as to the members of the End-User Advisory Board. Until the migration of the PaaS is not completed, these will be the targeted end-users to which the portal will be presented. Once the PaaS migration is over, more and more targeted end-users will be gradually invited to register and join the Portal during Q1'2026 (and onwards).

Some of the KPIs that will be used to track the impact and use of the EACTDA Portal and of the Online Evaluation Platform will be the following ones:

- EACTDA Portal
 - Users registered to EACTDA Portal (by user type: "end-user", "other")
 - Number of active users (more than one session opened in the last 4 months)
 - Average number of sessions per user in the last 4 months
- Online Evaluation Platform
 - Number of Tools4LEAs tools that are (or have been) available in the Online Evaluation Platform (out of the total number of Tools4LEAs tools in the "Repository of finalized tools").
 - Number of users with access to the Online Evaluation Platform.
 - Number of users with access to the Online Evaluation Platform that have accessed it.
 - Number of sessions opened to evaluate tools online.
 - Number of issues found/faced.
 - Feedback obtained from users about the Online Evaluation Platform and about the tools evaluated at it.

4.2. Future plans

From now on, the Online Evaluation Platform, as well as all the other EACTDA Portal services, will enter into a maintenance and evolution phase. The Portal, as well as each of the Services has its own product backlog, in which the future development activities (i.e., bug-fixing, future enhancements) are included, prioritised, and planned.

EACTDA Secretariat's IT team has planned two maintenance and evolution releases per year. The exact scope for each of these releases will be decided by EACTDA Capability Manager and Executive Director, putting special attention to the feedback received from the users.

5. Summary

5.1. Conclusion

This document describes what the online evaluation platform is, its intended purpose and users, the status of the platform, and a preview of its foreseen evolution.

5.2. Evaluation

The original aim of this deliverable was to report on the status of the launch and operation phase of the online evaluation platform. We consider that this goal has been met. Also, from an operational perspective, the initial steps of the Online Evaluation Platform after its launch are promising.

5.3. Future work

This deliverable will not be updated. See section 4.2 to find out about future plans for the Online Evaluation Platform.