

Open Ethics Transparency Protocol

Exchanging nutrition labels and nutrition tables.

How self-disclosure can help to bring safer digital diets?

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Abstract

The Open Ethics Transparency Protocol (OETP) is an application-level protocol for publishing and accessing ethical Disclosures of IT Products and their Components. The Protocol is describes exchange of information about the ethical "postures", provided in an open and standardized format. The scope of the Protocol covers Disclosures for systems such as Software as a Service (SaaS) Applications, Software Applications, Software Components, Application Programming Interfaces (API), Automated Decision-Making (ADM) systems, and systems using Artificial Intelligence (AI). OETP aims to bring more transparent, predictable, and safe environments for the end-users. The OETP Disclosure Format is an extensible JSON-based format.

Disclosure help us to make informed choices





Links

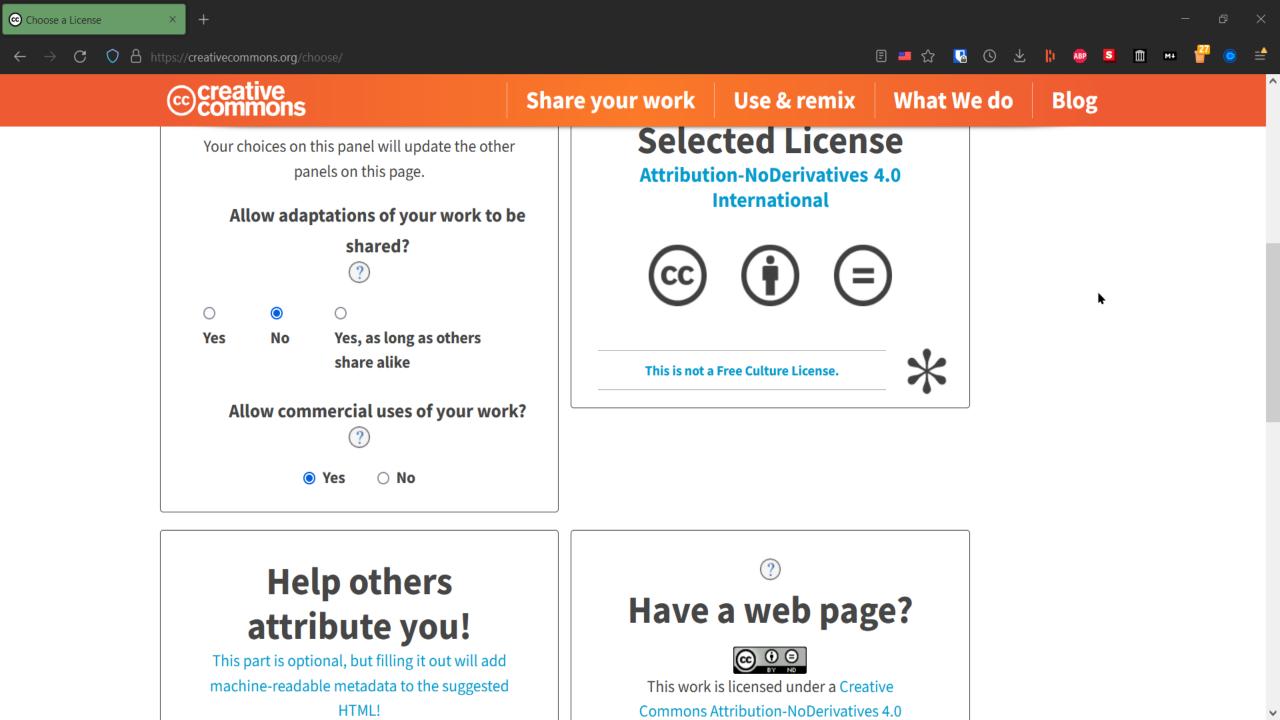
Description	URL
IETF Draft	https://datatracker.ietf.org/doc/dra ft-lukianets-open-ethics- transparency-protocol/
Project Webpage	https://openethics.ai/oetp/
GitHub Page	https://github.com/OpenEthicsAI/ OETP/
The labeling implementation to perform the initial Disclosure	https://openethics.ai/label/
The Open Ethics Manifesto	https://openethics.ai/manifesto/





Allowing informed choice

What if we bring labels to digital products?

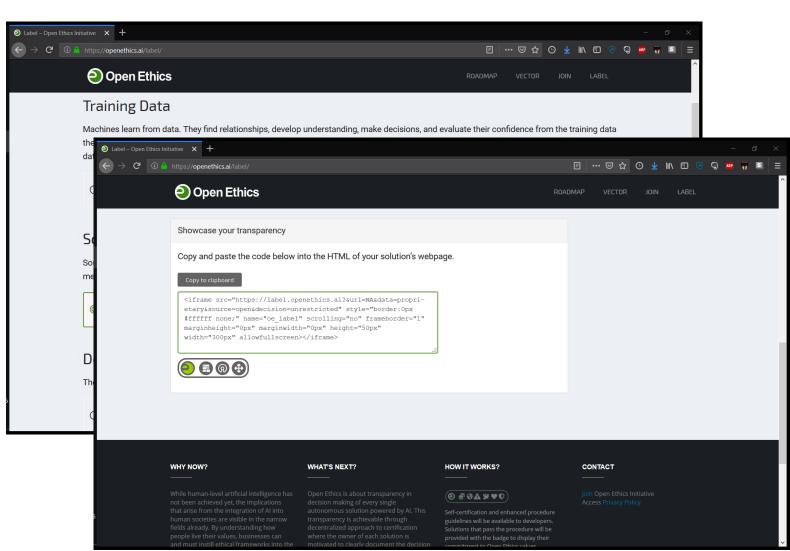




Extending The Open Ethics Label



A trust-building platform.
Self-disclosure
for AI systems.



https://openethics.ai/label

Open Ethics Transparency Protocol

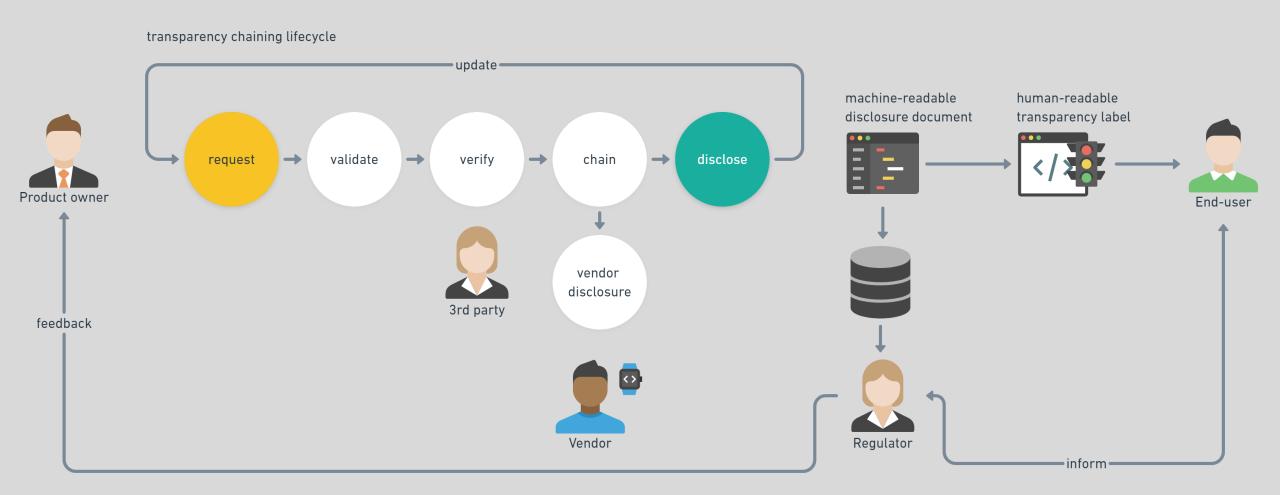
ai ethics ORT

```
"schema": {
             "name": "Open Ethics Transparency Protocol",
             "version": "0.9.2 RFC"
         },
         "data": {
             "availability": "public",
             "batch": 14032507,
             "sources": [ ···
14 >
         "algorithms": [ ···
         "decision-space": { ···
         "validation": {
             "critical": true,
             "methods": [
              "name": "HITL",
                     "objective": "To confirm the diagnosis by
                     human doctors before presenting to the
                     patient",
                     "type": "council"
```

Display "ethical" posture in both human and machine-readable ways.



Open Ethics Transparency Protocol





Where help is needed?

- 1. How to better manage the identity of the components?
- 2. Identity of the validation providers?
- 3. How to extend the disclosure format?
- 4. What is the best way to generate composite disclosure?
- 5. Help to create use-cases
- 6. Help to standardize Privacy Disclosure and PII data-collection practices
- 7. Enhancing Label accessibility (ex. with ARIA W3C Recommendation)



How could you help?

- Where? Probably via the new WG
- You can contribute by submitting issues and by making pull requests to https://github.com/OpenEthicsAI/OETP/
- Via Discord? https://openethics.ai/discord/



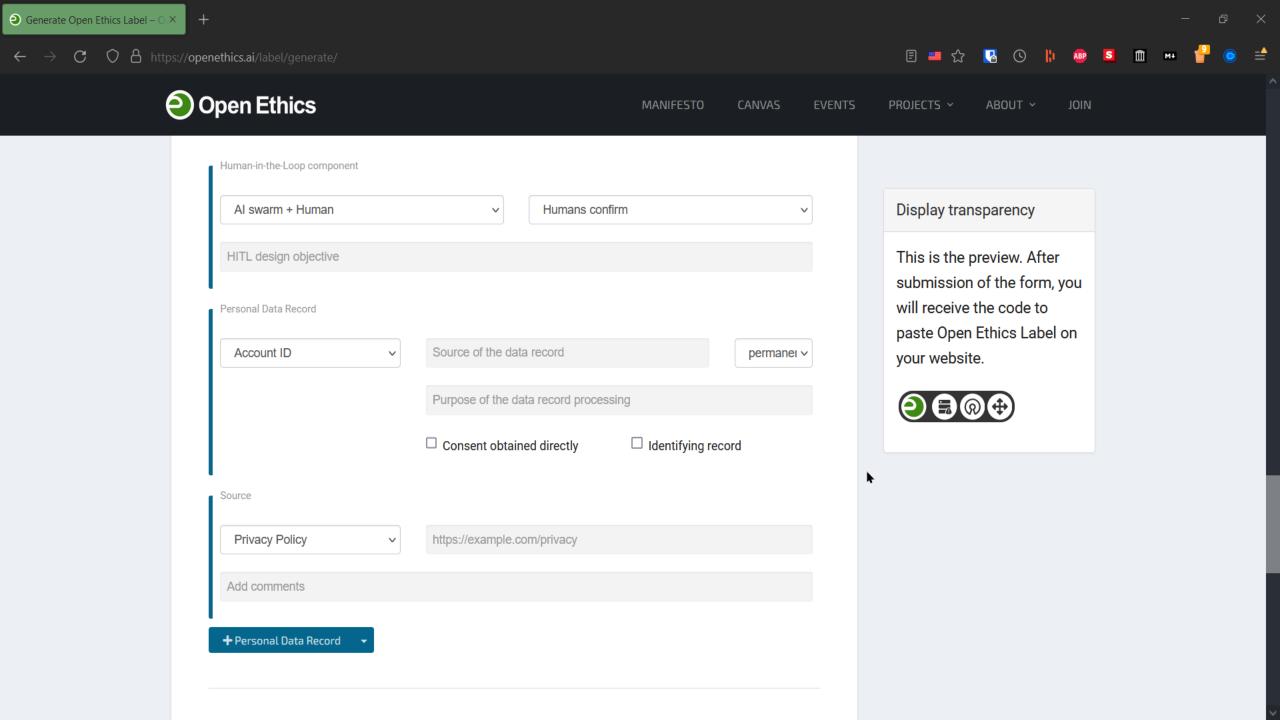
Nikita Lukianets n.lukianets@openethics.ai



Appendix

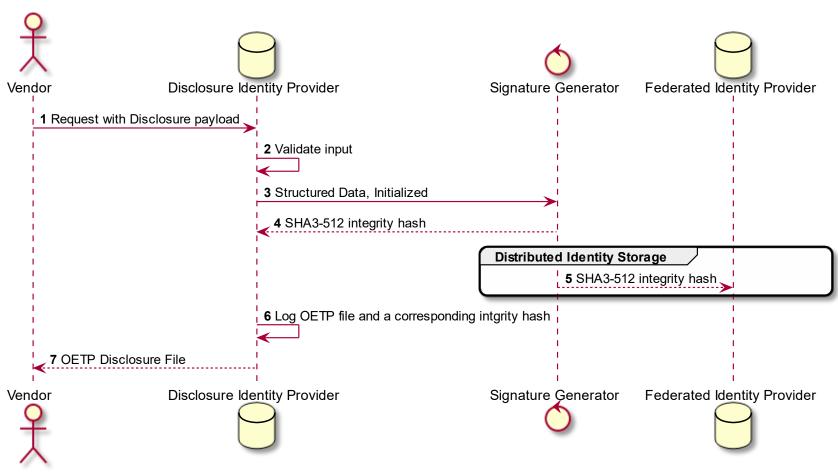


Implementation



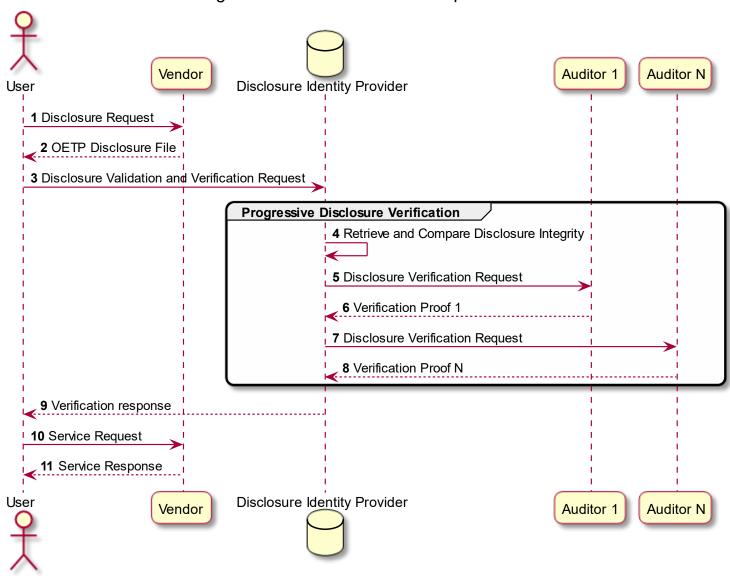


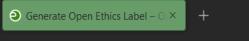
Basic Disclosure Submission





Progressive Verification with multiple Auditors



























MANIFESTO

CANVAS

EVENTS

PROJECTS ~

ABOUT ~

Integrity

Open Ethics has generated the following SHA3-512 hash for the snapshot of submitted data.

<u>093b41c91413</u>496d71c839105f0c2c882d3d34ded7456103cdd84e0a4c4aa6ac6ca35141865cd00c99bb2adaa1240ff30 6325dd80555e2fe9c7f9d7f0b2752cc

Open Ethics Transparency Protocol

Save the code below as a text file named oetp. json in the root of your product's website. It will allow integrity validation, as well as machine readable scenarios for AI transparency management.

Download oetp.json

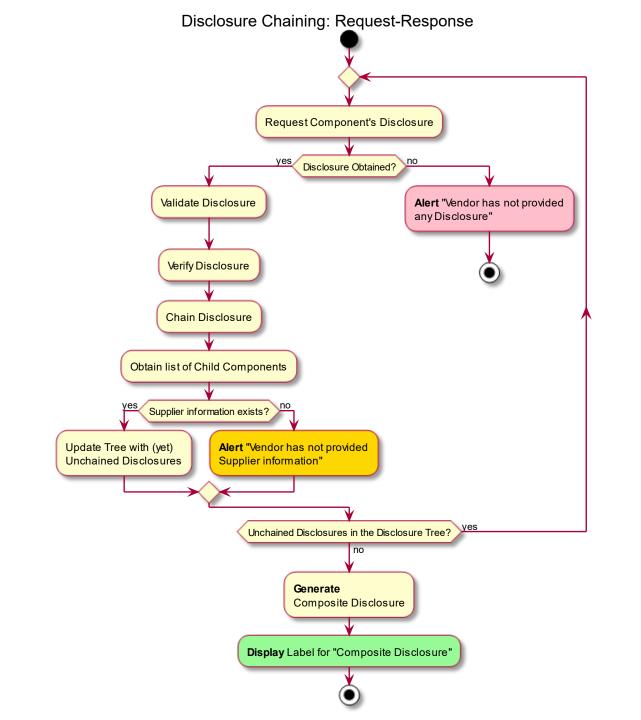
```
"schema": {
        "name": "Open Ethics Transparency Protocol",
        "version": "0.9.3 RFC",
        "integrity": "093b41c91413496d71c839105f0c2c882d3d34ded7456103cdd84e0a4c4aa6ac6ca3514
1865cd00c99bb2adaa1240ff306325dd80555e2fe9c7f9d7f0b2752cc"
    "snapshot"
        "product"
            "url" "ietftest.com"
           "description" ""
```

Display transparency



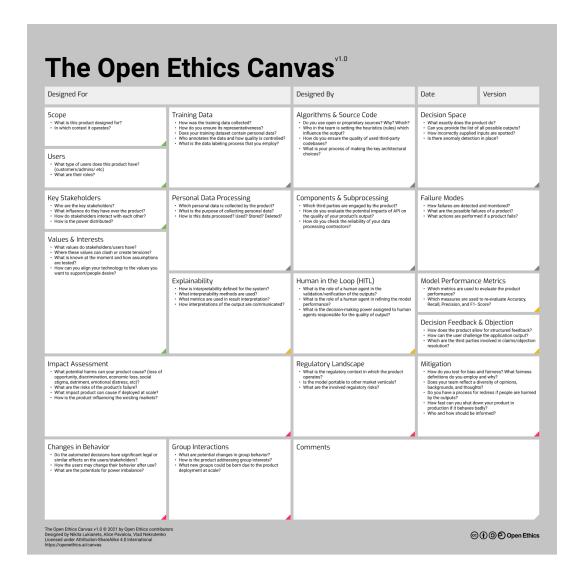
Save and paste the Open Ethics Label HTML code into the HTML of your product's webpage.

Download oel.html





Talk #ethics, include your #tech team



Download and use it for free

https://openethics.ai/canvas/



Motivation

- Informed consumer choices: End-users able to make informed choices based on their own ethical preferences and ADM disclosure.
- Industrial scale monitoring: Discovery of best and worst practices within market verticals, technology stacks, and product value offerings.
- Legally-agnostic guidelines: Suggestions for developers and productowners, formulated in factual language, which are legally-agnostic and could be easily transformed into product requirements and safeguards.
- Iterative improvement: Digital products, specifically, the ones powered by artificial intelligence could receive a nearly real-time feedback on how their performance and ethical posture could be improved to cover security, privacy, diversity, fairness, power-balance, non-discrimination, and other requirements.
- Labeling and certification: Mapping to existing and future regulatory initiatives and standards.



Use-case

example

Public Surveillance Transparency Project (PST)

Station Entrance





Market creation: Location-based services

Open Data

McKinsey reference: 5.2 bn EUR

ODI estimates: 1.2 bn EUR

LBS

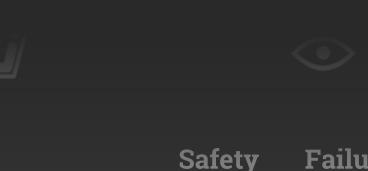
in Europe alone estimates (2025): 10 bn EUR

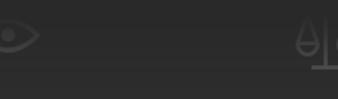


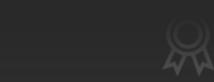
Implications

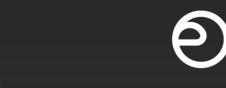
AI alignment











Responsibility

Shared Benefit

Failure Transparency

Judicial Transparency

Liberty and Privacy

Compassion







Personal Privacy









Non-subversion



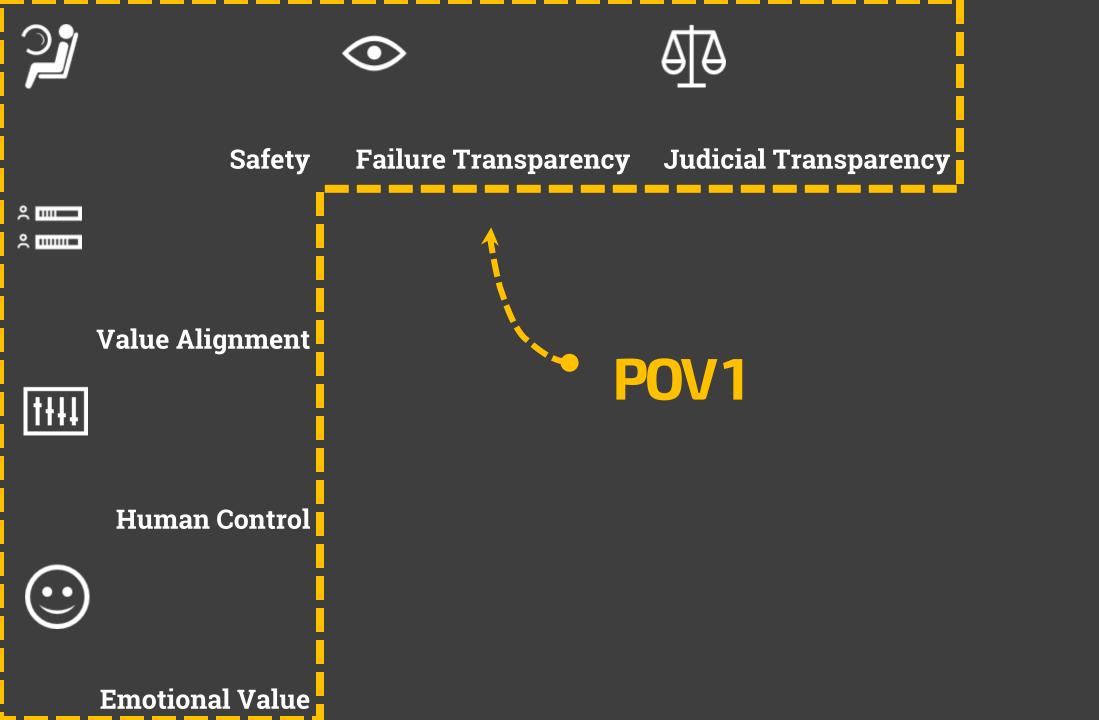


Emotional Value Cross-national Security

Non-influence

Traceability of decisions

Shared Prosperity













Non-subversion

Compassion







Cross-national Security

Non-influence

Traceability of decisions











Failure Transparency

Judicial Transparency



Responsibility

Shared Benefit









Value Alignment













Non-subversion

Personal Privacy







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Failure Transparency

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Liberty and Privacy



Responsibility

Value Alignment

Human Control







2

2





Emotional Value Cross-national Security

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Value Alignment

Human Control



Safety

Judicial Transparency



Responsibility

2 2



Personal Privacy

Non-subversion

Compassion

Non-influence

Liberty and Privacy



Shared Benefit











Emotional Value Cross-national Security





Traceability of decisions

Shared Prosperity

Alternatives







Alternative 3				
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	Value Alignment	Personal Privacy	Liberty and Privacy	Shared Benefit
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	Human Control	Non-subversion	Compassion	Shared Prosperity
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	Emotional Value	Cross-national Security	Non-influence	Traceability of decisions

Aligned choice







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