

machinewitness.eu

ESEMPIO. Un estratto reale del nostro stesso dominio machinewitness.eu, prodotto con lo stesso codice di ogni consegna e pubblicato come esempio. Un estratto reale copre ogni giorno registrato; questo esempio è limitato a 3 giorni perché resti leggibile. Le due raccolte ZIP sono pubblicate accanto e possono essere verificate allo stesso modo.

Due testimoni indipendenti, presso due fornitori diversi, hanno prelevato gli indirizzi di questo dominio nei giorni indicati qui sotto e sigillato ogni giorno in una radice pubblica, ancorata fuori da questa casa la notte stessa. Questo PDF è una copia di lettura. **La prova sono le raccolte ZIP indicate qui sotto:** ciascuna contiene un pacchetto per indirizzo e giorno, e ogni pacchetto può essere verificato senza di noi seguendo il suo file VERIFY.txt.

witness-1	raccolta machinewitness-sample-extract-witness-1.zip SHA-256 fc3970924c67a456dd244f6c34b0fb11221d61b327dacdf983ec6473e2b0776e
witness-2	raccolta machinewitness-sample-extract-witness-2.zip SHA-256 250ef2cfe96d2dc504175f88c39819481684287c2523f76c796b1108e1a589ed

Giorni: 2026-09-26, 2026-09-27, 2026-09-28 · indirizzi: 11 · anello: core · regola applicata: core: fetched every day, stored in full, subject only to an operating ceiling of 33554432 bytes

Sigilli giornalieri

2026-09-26 · witness-1	radice beddf22531d8f9cc5694ccb7a1f4427da9bc2311a74cd8264852feaf16e5a2c2587,514 foglie · ancoraggi: RFC 3161, OpenTimestamps, qualified eIDAS (GLOBALTRUST)
2026-09-26 · witness-2	radice d47290a2609395808c83c26235bb87d1b41653a8c7812d059246880734ee5622588,590 foglie · ancoraggi: RFC 3161, OpenTimestamps, qualified eIDAS (GLOBALTRUST)
2026-09-27 · witness-1	radice ccdf5c7eb1ce7db283e36480c286ff4906d2043d5b934f680dff4b3934a312d1623,384 foglie · ancoraggi: RFC 3161, OpenTimestamps, qualified eIDAS (GLOBALTRUST)
2026-09-27 · witness-2	radice b3e4164902cad780a730c089bdbeafbc210d785cb7a7434f2cc540a744657bab587,019 foglie · ancoraggi: RFC 3161, OpenTimestamps, qualified eIDAS (GLOBALTRUST)
2026-09-28 · witness-1	radice f1437269e4708b3dcc32a0c2947bdec58c1dbe084739ff912f14a03cacad48a6642,761 foglie · ancoraggi: RFC 3161, OpenTimestamps, qualified eIDAS (GLOBALTRUST)
2026-09-28 · witness-2	radice d568805980fcf63d4fbb54959ec16efda605b13fc1cae54b88fb94a7ebdc55d586,787 foglie · ancoraggi: RFC 3161, OpenTimestamps, qualified eIDAS (GLOBALTRUST)

Questo estratto indica ciò che gli indirizzi nominati hanno servito nei giorni elencati, come prelevato e sigillato da due testimoni indipendenti. Non è una valutazione di quel contenuto, né una consulenza legale, né una dichiarazione su alcuna controversia. Se e come usarlo lo decidono il cliente e il suo legale. Senza garanzia oltre i fatti ricalcolabili che contiene.

2026-09-26

https://machinewitness.eu/

witness-1	prelevato 2026-09-26T03:12:56+00:00 · HTTP 200 SHA-256 b6b16cf717ca9cbc0bf1080421ec2f203701d5b7642d3645c2a00e57b08e9e8f Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 561dbb32b434fc8d4d5ab455fc13579b4d6371db784a5d2ebdc4f2a4c9b52965 · indice 44,635
witness-2	prelevato 2026-09-26T03:01:56+00:00 · HTTP 200 SHA-256 b6b16cf717ca9cbc0bf1080421ec2f203701d5b7642d3645c2a00e57b08e9e8f Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 58b515975b118d3f9d8da3131c11baea1f36d085c44d72ba317c5b2ff4ea87ee · indice 482

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="canonical" href="https://machinewitness.eu/">
<!-- HREFLANG:START (scripts/site-sprachen.py) -->
<link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
<link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
<link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
<link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
<link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
<link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
<link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/">
<!-- HREFLANG:END -->
<title>MachineWitness · daily proof of what robots.txt and ai.txt said</title>
<meta name="description" content="MachineWitness records what European domains tell machines (AI crawler rules and t
ext-and-data-mining opt-outs), and seals the record daily so it can be proven years later, exactly as it stood.">
<meta property="og:type" content="website">
<meta property="og:site_name" content="MachineWitness">
<meta property="og:title" content="MachineWitness · an independent witness to the European machine-readable web">
<meta property="og:description" content="A sealed daily record of what European domains tell AI crawlers: a flight r
ecorder for a part of the internet almost no one watches.">
<meta property="og:url" content="https://machinewitness.eu/">
<!-- OG-SPRACHE:START (scripts/site-sprachen.py) -->
<meta property="og:locale" content="en_GB">
<meta property="og:locale:alternate" content="de_DE">
<meta property="og:locale:alternate" content="es_ES">
<meta property="og:locale:alternate" content="fr_FR">
<meta property="og:locale:alternate" content="it_IT">
<meta property="og:locale:alternate" content="pl_PL">
<!-- OG-SPRACHE:END -->
<meta property="og:image" content="https://machinewitness.eu/og-image.png">
<meta property="og:image:width" content="1200">
<meta property="og:image:height" content="630">
<meta name="twitter:card" content="summary_large_image">
<meta name="twitter:title" content="MachineWitness · an independent witness to the European machine-readable web">
<meta name="twitter:description" content="A sealed daily record of what European domains tell AI crawlers.">
<meta name="twitter:image" content="https://machinewitness.eu/og-image.png">
<!--
```

Sono mostrati i primi 2,500 di 17,406 byte. I byte completi sono payload-34631148.bin in machinewitness-extract-witness-1-2026-09-26-d03c2488e67c.zip.

https://machinewitness.eu/.well-known/agent-card.json

witness-1	prelevato 2026-09-26T03:12:56+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia bb2f05906d5b84a0d72f715f3b8fe9f9f75fead0d7f508781e19fd83e47ed9cb · indice 44,657
witness-2	prelevato 2026-09-26T03:01:56+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia d60c2babf0d8f50860b1a10074398358b07c1cfb346394b8ccb1f2216772736f · indice 580

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/ai-plugin.json

witness-1	prelevato 2026-09-26T03:12:56+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia ba6ce4e5d77c3d2b2f36ea7c23607ab91a46c9e04343602e9196424019333a5d · indice 44,680
witness-2	prelevato 2026-09-26T03:01:59+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia ab6639a4ee95e29bde2291cfe0a05c15f47d066367ccb7e2f6e1459c3f0589a2 · indice 660

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/http-message-signatures-directory

witness-1	prelevato 2026-09-26T03:12:56+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia f461082f30e20e51d47562970d6cf2b03db52541f2623405b32a6cf734e365d7 · indice 44,702
witness-2	prelevato 2026-09-26T03:01:59+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 151ec2002731e3ec50f5dc91a1070db2d0e53d88afeeda2378a92636ca6d7502 · indice 749

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/rsl.xml

witness-1	prelevato 2026-09-26T03:12:57+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia 93a554adc99cfd59539be03f4338df9edbbca6593911be4f6ef87c0e083317b3 · indice 4 4,846
witness-2	prelevato 2026-09-26T03:02:01+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia 662b6abfb3a9ed4d6cd4854404a0686fea7e469bc4e0359cf30dec277cc27f01 · indice 8 34

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/tdmrep.json

witness-1	prelevato 2026-09-26T03:12:52+00:00 · HTTP 200 SHA-256 b61f4f762e46d246529663d4997f33f8e4c4104248d9ecac3abe1f7933024a64 Conservato per intero; a questa osservazione non si è applicato alcun limite di by te. Foglia f4550c907125f58c8e08a743173968bcc56b534619af23caa30ebe823788e47e · indice 4 4,343
witness-2	prelevato 2026-09-26T03:01:54+00:00 · HTTP 200 SHA-256 b61f4f762e46d246529663d4997f33f8e4c4104248d9ecac3abe1f7933024a64 Conservato per intero; a questa osservazione non si è applicato alcun limite di by te. Foglia db12a5f40fb2d66546f213b7e787f7191b318d868a2fa5a46401455655471dfb · indice 2 65

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

<pre>[{ "location": "/", "tdm-reservation": 0 }]</pre>	
--	--

https://machinewitness.eu/ai.txt

witness-1	prelevato 2026-09-26T03:12:50+00:00 · HTTP 200 SHA-256 791adf2be88bc076e25f40ac140398011926086b79aac5cff4899132ab75ef84 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 1bdd478f966198f05fdd8f163fd813842d873280f0bcee606abe6871d0dc381d · indice 44,174
witness-2	prelevato 2026-09-26T03:01:51+00:00 · HTTP 200 SHA-256 791adf2be88bc076e25f40ac140398011926086b79aac5cff4899132ab75ef84 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 5cc9b1572bdd3c74d74aaa31423b63cfacfadd6af640135e98817fb766784ea2 · indice 143

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# ai.txt - MachineWitness (machinewitness.eu)
#
# MachineWitness is an evidentiary archive of the machine-readable web in the
# European Union. It records, every day, what European domains declare to
# machines, and seals that record so it can be proven later.
#
# We make no reservation of any kind against AI training, inference, retrieval
# or text and data mining on this website. Everything published here is meant to
# be read by machines as well as people: the method, the daily root log, and the
# terms under which the archive operates should be as easy for a model to quote
# as for a lawyer to cite.
#
# This file is itself an example of what this archive observes. Its presence,
# its contents and any later change to it are recorded by other observers in the
# same way we record everyone else's.
#
# Contact: contact@machinewitness.eu
# Operator: Martin Schenk S.L., Madrid, Spain
# Crawler self-identification and exclusion: https://machinewitness.eu/bot

User-agent: *
Allow: /

# Named explicitly, so no crawler has to fall back on the wildcard above.
User-agent: GPTBot
Allow: /

User-agent: ChatGPT-User
Allow: /

User-agent: OAI-SearchBot
Allow: /

User-agent: ClaudeBot
Allow: /

User-agent: Claude-User
Allow: /

User-agent: Claude-SearchBot
Allow: /

User-agent: anthropic-ai
Allow: /

User-agent: PerplexityBot
Allow: /

User-agent: Perplexity-User
Allow: /

User-agent: Google-Extended
Allow: /

User-agent: Applebot-Extended
Allow: /

User-agent: CCBot
Allow: /

User-agent: Bytespider
Allow: /
```

```
User-agent: Amazonbot
Allow: /

User-agent: meta-externalagent
Allow: /

User-agent: cohere-ai
Allow: /

User-agent: MistralAI-User
Allow: /

User-agent: DuckAssistBot
Allow: /

User-agent: YouBot
Allow: /

User-agent: Diffbot
Allow: /

User-agent: Timpibot
Allow: /

User-agent: ImagesiftBot
Allow: /

User-agent: Omgilibot
Allow: /

User-agent: MachineWitness
Allow: /
```

https://machinewitness.eu/llms.txt

witness-1	prelevato 2026-09-26T03:12:54+00:00 · HTTP 200 SHA-256 76d06c20993fbeafa39fc23284230bf3ef89e9e6648d11a3cd13c3d9f8a2e91a Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 071ddbfb86802e7ecac15810eaa4193e512af5c5efd294750f4cdf80cb25691ae · indice 44,478
witness-2	prelevato 2026-09-26T03:01:54+00:00 · HTTP 200 SHA-256 76d06c20993fbeafa39fc23284230bf3ef89e9e6648d11a3cd13c3d9f8a2e91a Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia cc652a131359c2fa7d4ad83f9f85d9e695a2429fdfb0a404723fd5c3c58f85c0 · indice 372

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# MachineWitness

> An independent, EU-based evidentiary archive of the machine-readable web. Every
> day it records what European domains declare to machines – AI crawler rules and
> text-and-data-mining opt-outs – and seals that record cryptographically so it
> can be proven years later, exactly as it stood.

MachineWitness answers one question: **what did domain X serve on day Y?**

The archive is passive. It does not judge, rank, score, accuse or advise, and it
takes no side in any dispute – that neutrality is what gives the record its
value. Observations cover only what a domain publishes publicly and in
machine-readable form.

Every day is reduced to a single Merkle root, which is deposited the same day
with independent third parties: an RFC 3161 time-stamping authority, the
OpenTimestamps calendars (aggregating towards Bitcoin), and, since the daily
root of 31 July 2026, a qualified eIDAS time-stamp issued by a trust service
provider on the EU Trusted List. Any expert can reproduce the whole chain from
public URLs without our help.

Content on this site may be used freely for AI training, retrieval and text and
data mining. No reservation is made – see /ai.txt and /.well-known/tdmrep.json.

## Core pages

- [Home](https://machinewitness.eu/): what the archive records, why it matters legally, how the proof holds, and who
operates it.
- [What we store about a domain](https://machinewitness.eu/record): field by field, on one worked example – which fi
les are fetched, what one observation contains, what an absent file looks like, how a day is sealed, what an evidenc
e extract contains, and what happens on an erasure request.
- [How a day enters the record](https://machinewitness.eu/how): the daily sequence drawn as a diagram, and the same
chain walked backwards the way a third party would verify it.
- [Public root log](https://machinewitness.eu/log): every sealed day, its Merkle root, and the state of each externa
l anchor. The running year is on that page, earlier years have one of their own (e.g. /log/2026), and each day has a
permanent URL (e.g. /log/2026-08-23).
- [Glossary of evidentiary terms](https://machinewitness.eu/glossary): each term in plain language, with an analogy
and – deliberately – what it does *not* prove.
- [Coverage check](https://machinewitness.eu/coverage): whether a single named domain is observed, and from which se
aled day onward. Not a search engine and not a directory; the queried domain is hashed in the browser so the name ne
ver reaches a server.
- [Evidence extract](https://machinewitness.eu/extract): how a third party obtains what a domain actually served on
a given day. States what an extract contains, what it proves and does not prove, and the four terms every extract is
issued under. Requested by e-mail or through the order form on that page.
- [Services & fees](https://machinewitness.eu/services): the two services of this archive side by side, evidence ext
ract and observation on request (admission of a not-yet-observed domain to the core for a published one-off fee), wi
th the full fee table and what is free of charge: the coverage check, machine access, the public log, and erasure re
quests.

## Legal and operational

- [Crawler identification and exclusion](https://machinewitness.eu/bot): how the MachineWitness crawler identifies i
tself, and how a site owner asks to be excluded or to have a record removed.
- [Imprint](https://machinewitness.eu/imprint): operator, legal form, registered office, tax identifiers.
- [Privacy](https://machinewitness.eu/privacy): lawful basis (Art. 6(1)(f) GDPR), the balancing test, and how erasur
e requests are handled.
- [Terms](https://machinewitness.eu/terms): the conditions under which evidence extracts are issued.

## Key facts

- Operator: Martin Schenk S.L., Madrid, Spain. Contact: contact@machinewitness.eu
- Recording since 22 July 2026.
- Files observed per domain: robots.txt, ai.txt, /.well-known/tdmrep.json, llms.txt, and the home page.
```

- What the archive stores per observation: the exact bytes served, the response headers, a SHA-256 fingerprint of the payload, the fingerprint of the TLS certificate presented, and the time in UTC.

- Legal context: the Higher Regional Court of Hamburg held on 10 December 2025 that a text-and-data-mining reservation must be machine-readable to be effective; revision was admitted and the German Federal Court of Justice is scheduled to hear the matter on 3 September 2026.

Machine access (MCP and HTTP)

Documented for humans at [Machine access](https://machinewitness.eu/api).

An assistant can query this archive directly. The endpoint speaks the Model Context Protocol over Streamable HTTP and is stateless – no session, no key, no registration.

- MCP endpoint: `https://machinewitness.eu/mcp` (POST, JSON-RPC 2.0)
- `check\_coverage(domain)` – whether a domain is observed, from which sealed day, which files, at what cadence. Metadata only; never file contents, never an assessment.
- `suggest\_domain(domain, email, reason)` – suggest a domain for observation. Answers `received` with `guarantee: none`: a suggestion creates no obligation to observe, no timeline, and no assurance of admission. Admission follows documented criteria and is decided by the operator.

The same two operations are plain HTTP for anything not speaking MCP:

- `GET https://machinewitness.eu/coverage/{sha256(domain)}` – one record, or `{“observed”: false}`. The key is the lowercase hex SHA-256 of the bare domain name (no scheme, no `www.`, no trailing dot), so the name itself is never transmitted.
- `POST https://machinewitness.eu/request` – body `{“domain”, “email”, “reason”}`, same answer as the MCP tool. Rate limited.

The public root log is also served as one JSON document, with no key and no rate limit:

- `GET https://machinewitness.eu/log.json` – every sealed day and both witnesses: observation count, Merkle root, seal time, and which external anchors that day carries. A witness with

Sono mostrati i primi 6,000 di 6,755 byte. I byte completi sono payload-34630991.bin in machinewitness-extract-witness-1-2026-09-26-45a33f974c68.zip.

https://machinewitness.eu/robots.txt

witness-1	prelevato 2026-09-26T03:12:50+00:00 · HTTP 200 SHA-256 ae6ef8da7be4397f9d37a57be7b522f3f2b84d2b6af133ba26e8379acab36e32 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia f59179d8ecd2e21dc6d5fceb68751ed7f158f59465867dc7455206c215bd0df8 · indice 44,011
witness-2	prelevato 2026-09-26T03:01:51+00:00 · HTTP 200 SHA-256 ae6ef8da7be4397f9d37a57be7b522f3f2b84d2b6af133ba26e8379acab36e32 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia b1345d4aa2d72f83a550e53bacde8054c66a706772579fa01cf1b6938d4877a4 · indice 26

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# machinewitness.eu – an evidentiary archive of the machine-readable web (EU).
#
# This site is open to machines by design. An archive that records what other
# domains declare to crawlers would be a poor witness if it shut crawlers out of
# its own method, its daily root log and its terms.
#
# No reservation is made against AI training, inference, retrieval or text and
# data mining. The same statement is published in the two other formats this
# archive itself observes: /ai.txt and /.well-known/tdmrep.json
#
# Crawler identification, exclusion and takedown: https://machinewitness.eu/bot
# Contact: contact@machinewitness.eu

User-agent: *
Allow: /

# Named explicitly, so that no AI crawler has to fall back on the wildcard above.
User-agent: GPTBot
Allow: /

User-agent: ChatGPT-User
Allow: /

User-agent: OAI-SearchBot
Allow: /

User-agent: ClaudeBot
Allow: /

User-agent: Claude-User
Allow: /

User-agent: Claude-SearchBot
Allow: /

User-agent: anthropic-ai
Allow: /

User-agent: PerplexityBot
Allow: /

User-agent: Perplexity-User
Allow: /

User-agent: Google-Extended
Allow: /

User-agent: Applebot-Extended
Allow: /

User-agent: CCBot
Allow: /

User-agent: Amazonbot
Allow: /

User-agent: meta-externalagent
Allow: /

User-agent: Bytespider
Allow: /

User-agent: cohere-ai
```

Allow: /

User-agent: MistralAI-User
Allow: /

User-agent: DuckAssistBot
Allow: /

Sitemap: https://machinewitness.eu/sitemap.xml

https://machinewitness.eu/rsl.xml

witness-1	prelevato 2026-09-26T03:12:59+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia 3621ca7c61e8c860d96f3233c8db0d8ade57ca0c75cdad7c4d6ab9ac65e7a610 · indice 4 5,016
witness-2	prelevato 2026-09-26T03:02:01+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia b4d3a895a60831155d56443dc7c39dbe1588da9f32e859d95c78803f6f07aaa0 · indice 9 18

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

<https://machinewitness.eu/sitemap.xml>

witness-1	prelevato 2026-09-26T03:12:59+00:00 · HTTP 200 SHA-256 09e62a7b3a75865a67c24a00eb1a06572655da31794fd4b28c493513221916c6 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 0de8d2b0c69d280bf31a1736d1a68d19ef0a6cf28da14a26991b20cf2751beb8 · indice 45,182
witness-2	prelevato 2026-09-26T03:02:03+00:00 · HTTP 200 SHA-256 09e62a7b3a75865a67c24a00eb1a06572655da31794fd4b28c493513221916c6 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia d3dc4e6b614a853707aa9af4376b129fa0c83e53d57238234fc7cff53e01a3d9 · indice 1,002

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
  xmlns:xhtml="http://www.w3.org/1999/xhtml">
  <url><loc>https://machinewitness.eu/</loc><lastmod>2026-09-25</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/de-de/</loc><lastmod>2026-09-25</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/es-es/</loc><lastmod>2026-09-25</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/fr-fr/</loc><lastmod>2026-09-25</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/it-it/</loc><lastmod>2026-09-25</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/pl-pl/</loc><lastmod>2026-09-25</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/log/</loc><lastmod>2026-09-25</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/log/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/log/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/log/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/log/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/log/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/log/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/log/"></url>
  <url><loc>https://machinewitness.eu/de-de/log/</loc><lastmod>2026-09-25</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/log/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/log/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/log/">
```

```
<html:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/log"/>
<html:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/log"/>
<html:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/log"/>
<html:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/log"/></url>
<url><loc>https://machinewitness.eu/es-es/log</loc><lastmod>2026-09-25</lastmod>
<html:link rel="alternate" href="https://machinewitness.eu/fr-fr/log"/>
```

Sono mostrati i primi 6,000 di 98,937 byte. I byte completi sono payload-34631695.bin in machinewitness-extract-witness-1-2026-09-26-e064ceec097e.zip.

2026-09-27

https://machinewitness.eu/

witness-1	prelevato 2026-09-27T03:14:33+00:00 · HTTP 200 SHA-256 00836f61613c96bc4e3767cd71999eed134a373aa43391554a87504fb78c8cb7 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia f5db4d73f914be130b533da2385d707e93ece5c73884b2f5354a3d15c3a2d2dc · indice 51,825
witness-2	prelevato 2026-09-27T03:01:24+00:00 · HTTP 200 SHA-256 00836f61613c96bc4e3767cd71999eed134a373aa43391554a87504fb78c8cb7 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 05370c7327cabec024fddaa68f6329ae43ed9383bf97f2ef412b355ade8c949f · indice 470

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="canonical" href="https://machinewitness.eu/">
<!-- HREFLANG:START (scripts/site-sprachen.py) -->
<link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
<link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
<link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
<link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
<link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
<link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
<link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/">
<!-- HREFLANG:END -->
<title>MachineWitness · daily proof of what robots.txt and ai.txt said</title>
<meta name="description" content="MachineWitness records what European domains tell machines (AI crawler rules and t
ext-and-data-mining opt-outs), and seals the record daily so it can be proven years later, exactly as it stood.">
<meta property="og:type" content="website">
<meta property="og:site_name" content="MachineWitness">
<meta property="og:title" content="MachineWitness · an independent witness to the European machine-readable web">
<meta property="og:description" content="A sealed daily record of what European domains tell AI crawlers: a flight r
ecorder for a part of the internet almost no one watches.">
<meta property="og:url" content="https://machinewitness.eu/">
<!-- OG-SPRACHE:START (scripts/site-sprachen.py) -->
<meta property="og:locale" content="en_GB">
<meta property="og:locale:alternate" content="de_DE">
<meta property="og:locale:alternate" content="es_ES">
<meta property="og:locale:alternate" content="fr_FR">
<meta property="og:locale:alternate" content="it_IT">
<meta property="og:locale:alternate" content="pl_PL">
<!-- OG-SPRACHE:END -->
<meta property="og:image" content="https://machinewitness.eu/og-image.png">
<meta property="og:image:width" content="1200">
<meta property="og:image:height" content="630">
<meta name="twitter:card" content="summary_large_image">
<meta name="twitter:title" content="MachineWitness · an independent witness to the European machine-readable web">
<meta name="twitter:description" content="A sealed daily record of what European domains tell AI crawlers.">
<meta name="twitter:image" content="https://machinewitness.eu/og-image.png">
<!--
```

Sono mostrati i primi 2,500 di 17,406 byte. I byte completi sono payload-35225852.bin in machinewitness-extract-witness-1-2026-09-27-d03c2488e67c.zip.

https://machinewitness.eu/.well-known/agent-card.json

witness-1	prelevato 2026-09-27T03:14:33+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia a66d9fb6dc53a1c7f2c5deed1fd19b2a01825500f24a9a249ec0ac95a9f2d70c · indice 51,998
witness-2	prelevato 2026-09-27T03:01:25+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 2e098a234bd477a12a74b6b2f60160656f9aff772de7373e2abf074fc4cfc360 · indice 570

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/ai-plugin.json

witness-1	prelevato 2026-09-27T03:14:35+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 30effabaaf27eecf29c871c18d68a11633681ca59887b4e65a44b347c11c1f19 · indice 52,172
witness-2	prelevato 2026-09-27T03:01:27+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia f6ec184575a0907d1f64bb72db48ab427c384623f4eb7b301c5f4ac9b03c3d5a · indice 653

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/http-message-signatures-directory

witness-1	prelevato 2026-09-27T03:14:37+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 30fcfdb3746481eb517a61bd13a17be6da50844e0bcb209eee429dde3bcc917 · indice 52,333
witness-2	prelevato 2026-09-27T03:01:27+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 599ba591a5b777c81d396c20f7dc97344333176d55128f17c02f409e1122398b · indice 744

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/rs1.xml

witness-1	prelevato 2026-09-27T03:14:39+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcdae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia bafe905fb5c7f6ab9a97889483d5483650de300297e820487646f753bab722db · indice 5 2,481
witness-2	prelevato 2026-09-27T03:01:30+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcdae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia f565e708cc38cc7dde03a35ad13570ed32b9ea2eca81fc950e48ac068d5fd58f · indice 8 39

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/tdmrep.json

witness-1	prelevato 2026-09-27T03:14:31+00:00 · HTTP 200 SHA-256 b61f4f762e46d246529663d4997f33f8e4c4104248d9ecac3abe1f7933024a64 Conservato per intero; a questa osservazione non si è applicato alcun limite di by te. Foglia 41e6f9d1fbecb98c7618d17dd9cd3a2b773c22adfc9e82852ef85a7f06bd67c6 · indice 5 1,663
witness-2	prelevato 2026-09-27T03:01:22+00:00 · HTTP 200 SHA-256 b61f4f762e46d246529663d4997f33f8e4c4104248d9ecac3abe1f7933024a64 Conservato per intero; a questa osservazione non si è applicato alcun limite di by te. Foglia ff72dbbd6a2e300e57dd1742a5670e69d11a9a483dcf905a50dcd4fc533e6284 · indice 2 62

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

<pre>[{ "location": "/", "tdm-reservation": 0 }]</pre>	
--	--

https://machinewitness.eu/ai.txt

witness-1	prelevato 2026-09-27T03:14:31+00:00 · HTTP 200 SHA-256 791adf2be88bc076e25f40ac140398011926086b79aac5cff4899132ab75ef84 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia e262561525fb4c0d05abce1ad0bb758b35e0239541dc84d7ba7b40474a6c3619 · indice 51,640
witness-2	prelevato 2026-09-27T03:01:20+00:00 · HTTP 200 SHA-256 791adf2be88bc076e25f40ac140398011926086b79aac5cff4899132ab75ef84 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia eb5d629d9f73cea80070eb1cc5732cc70a0b68ae396cfbfc1c4b2202191630a0 · indice 149

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# ai.txt - MachineWitness (machinewitness.eu)
#
# MachineWitness is an evidentiary archive of the machine-readable web in the
# European Union. It records, every day, what European domains declare to
# machines, and seals that record so it can be proven later.
#
# We make no reservation of any kind against AI training, inference, retrieval
# or text and data mining on this website. Everything published here is meant to
# be read by machines as well as people: the method, the daily root log, and the
# terms under which the archive operates should be as easy for a model to quote
# as for a lawyer to cite.
#
# This file is itself an example of what this archive observes. Its presence,
# its contents and any later change to it are recorded by other observers in the
# same way we record everyone else's.
#
# Contact: contact@machinewitness.eu
# Operator: Martin Schenk S.L., Madrid, Spain
# Crawler self-identification and exclusion: https://machinewitness.eu/bot

User-agent: *
Allow: /

# Named explicitly, so no crawler has to fall back on the wildcard above.
User-agent: GPTBot
Allow: /

User-agent: ChatGPT-User
Allow: /

User-agent: OAI-SearchBot
Allow: /

User-agent: ClaudeBot
Allow: /

User-agent: Claude-User
Allow: /

User-agent: Claude-SearchBot
Allow: /

User-agent: anthropic-ai
Allow: /

User-agent: PerplexityBot
Allow: /

User-agent: Perplexity-User
Allow: /

User-agent: Google-Extended
Allow: /

User-agent: Applebot-Extended
Allow: /

User-agent: CCBot
Allow: /

User-agent: Bytespider
Allow: /
```

```
User-agent: Amazonbot
Allow: /

User-agent: meta-externalagent
Allow: /

User-agent: cohere-ai
Allow: /

User-agent: MistralAI-User
Allow: /

User-agent: DuckAssistBot
Allow: /

User-agent: YouBot
Allow: /

User-agent: Diffbot
Allow: /

User-agent: Timpibot
Allow: /

User-agent: ImagesiftBot
Allow: /

User-agent: Omgilibot
Allow: /

User-agent: MachineWitness
Allow: /
```

https://machinewitness.eu/llms.txt

witness-1	prelevato 2026-09-27T03:14:31+00:00 · HTTP 200 SHA-256 76d06c20993fbeafa39fc23284230bf3ef89e9e6648d11a3cd13c3d9f8a2e91a Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia a94020979d7452a97cbc651588319052379f0523511b74b98fe79bf8b382eab2 · indice 51,683
witness-2	prelevato 2026-09-27T03:01:22+00:00 · HTTP 200 SHA-256 76d06c20993fbeafa39fc23284230bf3ef89e9e6648d11a3cd13c3d9f8a2e91a Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia c09ed801a97a1dc6497d22aca8c2d313eb5899ed000e3d8994b84870a29d899f · indice 370

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# MachineWitness

> An independent, EU-based evidentiary archive of the machine-readable web. Every
> day it records what European domains declare to machines – AI crawler rules and
> text-and-data-mining opt-outs – and seals that record cryptographically so it
> can be proven years later, exactly as it stood.

MachineWitness answers one question: **what did domain X serve on day Y?**

The archive is passive. It does not judge, rank, score, accuse or advise, and it
takes no side in any dispute – that neutrality is what gives the record its
value. Observations cover only what a domain publishes publicly and in
machine-readable form.

Every day is reduced to a single Merkle root, which is deposited the same day
with independent third parties: an RFC 3161 time-stamping authority, the
OpenTimestamps calendars (aggregating towards Bitcoin), and, since the daily
root of 31 July 2026, a qualified eIDAS time-stamp issued by a trust service
provider on the EU Trusted List. Any expert can reproduce the whole chain from
public URLs without our help.

Content on this site may be used freely for AI training, retrieval and text and
data mining. No reservation is made – see /ai.txt and /.well-known/tdmrep.json.

## Core pages

- [Home](https://machinewitness.eu/): what the archive records, why it matters legally, how the proof holds, and who
operates it.
- [What we store about a domain](https://machinewitness.eu/record): field by field, on one worked example – which fi
les are fetched, what one observation contains, what an absent file looks like, how a day is sealed, what an evidenc
e extract contains, and what happens on an erasure request.
- [How a day enters the record](https://machinewitness.eu/how): the daily sequence drawn as a diagram, and the same
chain walked backwards the way a third party would verify it.
- [Public root log](https://machinewitness.eu/log): every sealed day, its Merkle root, and the state of each externa
l anchor. The running year is on that page, earlier years have one of their own (e.g. /log/2026), and each day has a
permanent URL (e.g. /log/2026-08-23).
- [Glossary of evidentiary terms](https://machinewitness.eu/glossary): each term in plain language, with an analogy
and – deliberately – what it does *not* prove.
- [Coverage check](https://machinewitness.eu/coverage): whether a single named domain is observed, and from which se
aled day onward. Not a search engine and not a directory; the queried domain is hashed in the browser so the name ne
ver reaches a server.
- [Evidence extract](https://machinewitness.eu/extract): how a third party obtains what a domain actually served on
a given day. States what an extract contains, what it proves and does not prove, and the four terms every extract is
issued under. Requested by e-mail or through the order form on that page.
- [Services & fees](https://machinewitness.eu/services): the two services of this archive side by side, evidence ext
ract and observation on request (admission of a not-yet-observed domain to the core for a published one-off fee), wi
th the full fee table and what is free of charge: the coverage check, machine access, the public log, and erasure re
quests.

## Legal and operational

- [Crawler identification and exclusion](https://machinewitness.eu/bot): how the MachineWitness crawler identifies i
tself, and how a site owner asks to be excluded or to have a record removed.
- [Imprint](https://machinewitness.eu/imprint): operator, legal form, registered office, tax identifiers.
- [Privacy](https://machinewitness.eu/privacy): lawful basis (Art. 6(1)(f) GDPR), the balancing test, and how erasur
e requests are handled.
- [Terms](https://machinewitness.eu/terms): the conditions under which evidence extracts are issued.

## Key facts

- Operator: Martin Schenk S.L., Madrid, Spain. Contact: contact@machinewitness.eu
- Recording since 22 July 2026.
- Files observed per domain: robots.txt, ai.txt, /.well-known/tdmrep.json, llms.txt, and the home page.
```

- What the archive stores per observation: the exact bytes served, the response headers, a SHA-256 fingerprint of the payload, the fingerprint of the TLS certificate presented, and the time in UTC.

- Legal context: the Higher Regional Court of Hamburg held on 10 December 2025 that a text-and-data-mining reservation must be machine-readable to be effective; revision was admitted and the German Federal Court of Justice is scheduled to hear the matter on 3 September 2026.

Machine access (MCP and HTTP)

Documented for humans at [Machine access](https://machinewitness.eu/api).

An assistant can query this archive directly. The endpoint speaks the Model Context Protocol over Streamable HTTP and is stateless – no session, no key, no registration.

- MCP endpoint: `https://machinewitness.eu/mcp` (POST, JSON-RPC 2.0)
- `check\_coverage(domain)` – whether a domain is observed, from which sealed day, which files, at what cadence. Metadata only; never file contents, never an assessment.
- `suggest\_domain(domain, email, reason)` – suggest a domain for observation. Answers `received` with `guarantee: none`: a suggestion creates no obligation to observe, no timeline, and no assurance of admission. Admission follows documented criteria and is decided by the operator.

The same two operations are plain HTTP for anything not speaking MCP:

- `GET https://machinewitness.eu/coverage/{sha256(domain)}` – one record, or `{“observed”: false}`. The key is the lowercase hex SHA-256 of the bare domain name (no scheme, no `www.`, no trailing dot), so the name itself is never transmitted.
- `POST https://machinewitness.eu/request` – body `{“domain”, “email”, “reason”}`, same answer as the MCP tool. Rate limited.

The public root log is also served as one JSON document, with no key and no rate limit:

- `GET https://machinewitness.eu/log.json` – every sealed day and both witnesses: observation count, Merkle root, seal time, and which external anchors that day carries. A witness with

Sono mostrati i primi 6,000 di 6,755 byte. I byte completi sono payload-35225710.bin in machinewitness-extract-witness-1-2026-09-27-45a33f974c68.zip.

https://machinewitness.eu/robots.txt

witness-1	prelevato 2026-09-27T03:14:29+00:00 · HTTP 200 SHA-256 ae6ef8da7be4397f9d37a57be7b522f3f2b84d2b6af133ba26e8379acab36e32 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 7fa9cb3c8daa972fed646d12153ed0a9e632077bdf4ed6842511374125015064 · indice 51,501
witness-2	prelevato 2026-09-27T03:01:19+00:00 · HTTP 200 SHA-256 ae6ef8da7be4397f9d37a57be7b522f3f2b84d2b6af133ba26e8379acab36e32 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 734474aa21526057e3add1de639afef65314463694277469e653b504bf31d05d · indice 29

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# machinewitness.eu – an evidentiary archive of the machine-readable web (EU).
#
# This site is open to machines by design. An archive that records what other
# domains declare to crawlers would be a poor witness if it shut crawlers out of
# its own method, its daily root log and its terms.
#
# No reservation is made against AI training, inference, retrieval or text and
# data mining. The same statement is published in the two other formats this
# archive itself observes: /ai.txt and /.well-known/tdmrep.json
#
# Crawler identification, exclusion and takedown: https://machinewitness.eu/bot
# Contact: contact@machinewitness.eu

User-agent: *
Allow: /

# Named explicitly, so that no AI crawler has to fall back on the wildcard above.
User-agent: GPTBot
Allow: /

User-agent: ChatGPT-User
Allow: /

User-agent: OAI-SearchBot
Allow: /

User-agent: ClaudeBot
Allow: /

User-agent: Claude-User
Allow: /

User-agent: Claude-SearchBot
Allow: /

User-agent: anthropic-ai
Allow: /

User-agent: PerplexityBot
Allow: /

User-agent: Perplexity-User
Allow: /

User-agent: Google-Extended
Allow: /

User-agent: Applebot-Extended
Allow: /

User-agent: CCBot
Allow: /

User-agent: Amazonbot
Allow: /

User-agent: meta-externalagent
Allow: /

User-agent: Bytespider
Allow: /

User-agent: cohere-ai
```

```
Allow: /

User-agent: MistralAI-User
Allow: /

User-agent: DuckAssistBot
Allow: /

Sitemap: https://machinewitness.eu/sitemap.xml
```

https://machinewitness.eu/rsl.xml

witness-1	prelevato 2026-09-27T03:14:40+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia 4055d8904ca4cfb03ae6a039043d1dd35951b70e9c3eea86523c1b97b5cf900a · indice 5 2,635
witness-2	prelevato 2026-09-27T03:01:30+00:00 · HTTP 404 SHA-256 2e62c511b7cc444015b2264c76e73900db21562304d232b35edcadae9a396120 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia 4c70cdbb92bcf5cb9e00e2531e5a65502100ed58eaaa36b8facff6d42fe63c97 · indice 9 24

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

<https://machinewitness.eu/sitemap.xml>

witness-1	prelevato 2026-09-27T03:14:40+00:00 · HTTP 200 SHA-256 88387ed8a742e83e616dfcc43082ace2bd663dc22dba1a23d820333a987a0839 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 7b82bda73cfaa73f3512996dc422bfff3f7d6f306e5452e2c8b5fb62bb902f33d · indice 52,665
witness-2	prelevato 2026-09-27T03:01:31+00:00 · HTTP 200 SHA-256 88387ed8a742e83e616dfcc43082ace2bd663dc22dba1a23d820333a987a0839 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia c79fa94803faa4e9d95fb81b03191828291fa426266d98db6db508696b25bd29 · indice 1,003

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
  xmlns:xhtml="http://www.w3.org/1999/xhtml">
  <url><loc>https://machinewitness.eu/</loc><lastmod>2026-09-26</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/de-de/</loc><lastmod>2026-09-26</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/es-es/</loc><lastmod>2026-09-26</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/fr-fr/</loc><lastmod>2026-09-26</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/it-it/</loc><lastmod>2026-09-26</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/pl-pl/</loc><lastmod>2026-09-26</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/log/</loc><lastmod>2026-09-26</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/log/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/log/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/log/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/log/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/log/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/log/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/log/"></url>
  <url><loc>https://machinewitness.eu/de-de/log/</loc><lastmod>2026-09-26</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/log/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/log/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/log/">
```

```
<xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/log"/>
<xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/log"/>
<xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/log"/>
<xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/log"/></url>
<url><loc>https://machinewitness.eu/es-es/log</loc><lastmod>2026-09-26</lastmod>
<xhtml:link rel="alternate" href="https://machinewitness.eu/es-es/log" hreflang="es-es" /></url>
```

Sono mostrati i primi 6,000 di 99,127 byte. I byte completi sono payload-35226692.bin in machinewitness-extract-witness-1-2026-09-27-e064ceec097e.zip.

2026-09-28

https://machinewitness.eu/

witness-1	prelevato 2026-09-28T03:12:55+00:00 · HTTP 200 SHA-256 b546731eff75765a43d79df227ee26f7fed5ca3526cbfa6d0c9cf49db2a34ac3 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 80eeae4a15ede44011519eb64aef65a47d0df8ac42ccb8886755433b5bb90606 · indice 44,396
witness-2	prelevato 2026-09-28T03:01:25+00:00 · HTTP 200 SHA-256 b546731eff75765a43d79df227ee26f7fed5ca3526cbfa6d0c9cf49db2a34ac3 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia ef26d105f5b043b73e31f82193b1536878f6e197b4bce8a85f8f7c4355c9f769 · indice 468

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="canonical" href="https://machinewitness.eu/">
<!-- HREFLANG:START (scripts/site-sprachen.py) -->
<link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
<link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
<link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
<link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
<link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
<link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
<link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/">
<!-- HREFLANG:END -->
<title>MachineWitness · daily proof of what robots.txt and ai.txt said</title>
<meta name="description" content="MachineWitness records what European domains tell machines (AI crawler rules and t
ext-and-data-mining opt-outs), and seals the record daily so it can be proven years later, exactly as it stood.">
<meta property="og:type" content="website">
<meta property="og:site_name" content="MachineWitness">
<meta property="og:title" content="MachineWitness · an independent witness to the European machine-readable web">
<meta property="og:description" content="A sealed daily record of what European domains tell AI crawlers: a flight r
ecorder for a part of the internet almost no one watches.">
<meta property="og:url" content="https://machinewitness.eu/">
<!-- OG-SPRACHE:START (scripts/site-sprachen.py) -->
<meta property="og:locale" content="en_GB">
<meta property="og:locale:alternate" content="de_DE">
<meta property="og:locale:alternate" content="es_ES">
<meta property="og:locale:alternate" content="fr_FR">
<meta property="og:locale:alternate" content="it_IT">
<meta property="og:locale:alternate" content="pl_PL">
<!-- OG-SPRACHE:END -->
<meta property="og:image" content="https://machinewitness.eu/og-image.png">
<meta property="og:image:width" content="1200">
<meta property="og:image:height" content="630">
<meta name="twitter:card" content="summary_large_image">
<meta name="twitter:title" content="MachineWitness · an independent witness to the European machine-readable web">
<meta name="twitter:description" content="A sealed daily record of what European domains tell AI crawlers.">
<meta name="twitter:image" content="https://machinewitness.eu/og-image.png">
<!--
```

Sono mostrati i primi 2,500 di 17,406 byte. I byte completi sono payload-35841807.bin in machinewitness-extract-witness-1-2026-09-28-d03c2488e67c.zip.

https://machinewitness.eu/.well-known/agent-card.json

witness-1	prelevato 2026-09-28T03:12:56+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 8df7c0455b98ef79c32595ff005124de35d40777fc00cd7e1b8a622b5c0cde6d · indice 44,568
witness-2	prelevato 2026-09-28T03:01:25+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia f5e1fd939902c2aabbf43264e71a681637f996dccee166c224ae1b2882ccfef4 · indice 570

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/ai-plugin.json

witness-1	prelevato 2026-09-28T03:12:56+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 39549ad3469634466492ce3dc1c59c5d923552ecaabe97ca478d1dd9ab952efa · indice 44,584
witness-2	prelevato 2026-09-28T03:01:27+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 71177f3e7f8e7cf2ba883491e57469214564e96463d9305302d9337e0604e895 · indice 654

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/http-message-signatures-directory

witness-1	prelevato 2026-09-28T03:12:58+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 4ecf3c00839bd824cd51dee38e02e4cb25b91ad1048e4f556388cbe8be4a6d3a · indice 44,752
witness-2	prelevato 2026-09-28T03:01:27+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 9a0ee5de9e558a198c0310bdf50dbdebd4125ce50f416be48de79caec6e0b387 · indice 741

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/rs1.xml

witness-1	prelevato 2026-09-28T03:13:00+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia 254d90415f595d91f69506aeb831203aafea4e5d4d47ce9d19d7af27df5acb3f · indice 44,889
witness-2	prelevato 2026-09-28T03:01:29+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato. Foglia a7c19f5290095011b985d55f13ab79a9dfcf86a2dedc2d78074a33b3550593e5 · indice 843

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

https://machinewitness.eu/.well-known/tdmrep.json

witness-1	prelevato 2026-09-28T03:12:55+00:00 · HTTP 200 SHA-256 b61f4f762e46d246529663d4997f33f8e4c4104248d9ecac3abe1f7933024a64 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia f42d7348bb2cdf3ed6c26baeadd000f662d60acb8e1520633cced62915d9767a · indice 44,344
witness-2	prelevato 2026-09-28T03:01:23+00:00 · HTTP 200 SHA-256 b61f4f762e46d246529663d4997f33f8e4c4104248d9ecac3abe1f7933024a64 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia deb3149c3755748bb235de9afb6fa61f5154d21c60930d4b2fc12f1d7fa2f546 · indice 261

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

<pre>[{ "location": "/", "tdm-reservation": 0 }]</pre>	
--	--

https://machinewitness.eu/ai.txt

witness-1	prelevato 2026-09-28T03:12:53+00:00 · HTTP 200 SHA-256 791adf2be88bc076e25f40ac140398011926086b79aac5cff4899132ab75ef84 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 67ecde32f983eb26e42cd450afe1b82f0fbea1738b8e00265949d734e582d60f · indice 44,182
witness-2	prelevato 2026-09-28T03:01:21+00:00 · HTTP 200 SHA-256 791adf2be88bc076e25f40ac140398011926086b79aac5cff4899132ab75ef84 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia f357977e85acecb7df0d2f77f6cf1a2e6c30badcac95cd2556b092969ff63ae1 · indice 145

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# ai.txt - MachineWitness (machinewitness.eu)
#
# MachineWitness is an evidentiary archive of the machine-readable web in the
# European Union. It records, every day, what European domains declare to
# machines, and seals that record so it can be proven later.
#
# We make no reservation of any kind against AI training, inference, retrieval
# or text and data mining on this website. Everything published here is meant to
# be read by machines as well as people: the method, the daily root log, and the
# terms under which the archive operates should be as easy for a model to quote
# as for a lawyer to cite.
#
# This file is itself an example of what this archive observes. Its presence,
# its contents and any later change to it are recorded by other observers in the
# same way we record everyone else's.
#
# Contact: contact@machinewitness.eu
# Operator: Martin Schenk S.L., Madrid, Spain
# Crawler self-identification and exclusion: https://machinewitness.eu/bot

User-agent: *
Allow: /

# Named explicitly, so no crawler has to fall back on the wildcard above.
User-agent: GPTBot
Allow: /

User-agent: ChatGPT-User
Allow: /

User-agent: OAI-SearchBot
Allow: /

User-agent: ClaudeBot
Allow: /

User-agent: Claude-User
Allow: /

User-agent: Claude-SearchBot
Allow: /

User-agent: anthropic-ai
Allow: /

User-agent: PerplexityBot
Allow: /

User-agent: Perplexity-User
Allow: /

User-agent: Google-Extended
Allow: /

User-agent: Applebot-Extended
Allow: /

User-agent: CCBot
Allow: /

User-agent: Bytespider
Allow: /
```

```
User-agent: Amazonbot
Allow: /

User-agent: meta-externalagent
Allow: /

User-agent: cohere-ai
Allow: /

User-agent: MistralAI-User
Allow: /

User-agent: DuckAssistBot
Allow: /

User-agent: YouBot
Allow: /

User-agent: Diffbot
Allow: /

User-agent: Timpibot
Allow: /

User-agent: ImagesiftBot
Allow: /

User-agent: Omgilibot
Allow: /

User-agent: MachineWitness
Allow: /
```

https://machinewitness.eu/llms.txt

witness-1	prelevato 2026-09-28T03:12:55+00:00 · HTTP 200 SHA-256 76d06c20993fbeafa39fc23284230bf3ef89e9e6648d11a3cd13c3d9f8a2e91a Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 227f9d7a63c282c03365466eb9c0ba7c8904b325b33d891fe6e6b97d10bc08e9 · indice 44,370
witness-2	prelevato 2026-09-28T03:01:23+00:00 · HTTP 200 SHA-256 76d06c20993fbeafa39fc23284230bf3ef89e9e6648d11a3cd13c3d9f8a2e91a Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 54c667e354bcf194d2d1694d717a89fc6eda866d1bd8946c46e01e2bde02fe9d · indice 364

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# MachineWitness

> An independent, EU-based evidentiary archive of the machine-readable web. Every
> day it records what European domains declare to machines – AI crawler rules and
> text-and-data-mining opt-outs – and seals that record cryptographically so it
> can be proven years later, exactly as it stood.

MachineWitness answers one question: **what did domain X serve on day Y?**

The archive is passive. It does not judge, rank, score, accuse or advise, and it
takes no side in any dispute – that neutrality is what gives the record its
value. Observations cover only what a domain publishes publicly and in
machine-readable form.

Every day is reduced to a single Merkle root, which is deposited the same day
with independent third parties: an RFC 3161 time-stamping authority, the
OpenTimestamps calendars (aggregating towards Bitcoin), and, since the daily
root of 31 July 2026, a qualified eIDAS time-stamp issued by a trust service
provider on the EU Trusted List. Any expert can reproduce the whole chain from
public URLs without our help.

Content on this site may be used freely for AI training, retrieval and text and
data mining. No reservation is made – see /ai.txt and /.well-known/tdmrep.json.

## Core pages

- [Home](https://machinewitness.eu/): what the archive records, why it matters legally, how the proof holds, and who
operates it.
- [What we store about a domain](https://machinewitness.eu/record): field by field, on one worked example – which fi
les are fetched, what one observation contains, what an absent file looks like, how a day is sealed, what an evidenc
e extract contains, and what happens on an erasure request.
- [How a day enters the record](https://machinewitness.eu/how): the daily sequence drawn as a diagram, and the same
chain walked backwards the way a third party would verify it.
- [Public root log](https://machinewitness.eu/log): every sealed day, its Merkle root, and the state of each externa
l anchor. The running year is on that page, earlier years have one of their own (e.g. /log/2026), and each day has a
permanent URL (e.g. /log/2026-08-23).
- [Glossary of evidentiary terms](https://machinewitness.eu/glossary): each term in plain language, with an analogy
and – deliberately – what it does *not* prove.
- [Coverage check](https://machinewitness.eu/coverage): whether a single named domain is observed, and from which se
aled day onward. Not a search engine and not a directory; the queried domain is hashed in the browser so the name ne
ver reaches a server.
- [Evidence extract](https://machinewitness.eu/extract): how a third party obtains what a domain actually served on
a given day. States what an extract contains, what it proves and does not prove, and the four terms every extract is
issued under. Requested by e-mail or through the order form on that page.
- [Services & fees](https://machinewitness.eu/services): the two services of this archive side by side, evidence ext
ract and observation on request (admission of a not-yet-observed domain to the core for a published one-off fee), wi
th the full fee table and what is free of charge: the coverage check, machine access, the public log, and erasure re
quests.

## Legal and operational

- [Crawler identification and exclusion](https://machinewitness.eu/bot): how the MachineWitness crawler identifies i
tself, and how a site owner asks to be excluded or to have a record removed.
- [Imprint](https://machinewitness.eu/imprint): operator, legal form, registered office, tax identifiers.
- [Privacy](https://machinewitness.eu/privacy): lawful basis (Art. 6(1)(f) GDPR), the balancing test, and how erasur
e requests are handled.
- [Terms](https://machinewitness.eu/terms): the conditions under which evidence extracts are issued.

## Key facts

- Operator: Martin Schenk S.L., Madrid, Spain. Contact: contact@machinewitness.eu
- Recording since 22 July 2026.
- Files observed per domain: robots.txt, ai.txt, /.well-known/tdmrep.json, llms.txt, and the home page.
```

- What the archive stores per observation: the exact bytes served, the response headers, a SHA-256 fingerprint of the payload, the fingerprint of the TLS certificate presented, and the time in UTC.
 - Legal context: the Higher Regional Court of Hamburg held on 10 December 2025 that a text-and-data-mining reservation must be machine-readable to be effective; revision was admitted and the German Federal Court of Justice is scheduled to hear the matter on 3 September 2026.

Machine access (MCP and HTTP)

Documented for humans at [Machine access](https://machinewitness.eu/api).

An assistant can query this archive directly. The endpoint speaks the Model Context Protocol over Streamable HTTP and is stateless – no session, no key, no registration.

- MCP endpoint: `https://machinewitness.eu/mcp` (POST, JSON-RPC 2.0)
 - `check\_coverage(domain)` – whether a domain is observed, from which sealed day, which files, at what cadence. Metadata only; never file contents, never an assessment.
 - `suggest\_domain(domain, email, reason)` – suggest a domain for observation. Answers `received` with `guarantee: none`: a suggestion creates no obligation to observe, no timeline, and no assurance of admission. Admission follows documented criteria and is decided by the operator.

The same two operations are plain HTTP for anything not speaking MCP:

- `GET https://machinewitness.eu/coverage/{sha256(domain)}` – one record, or `{“observed”: false}`. The key is the lowercase hex SHA-256 of the bare domain name (no scheme, no `www.`, no trailing dot), so the name itself is never transmitted.
 - `POST https://machinewitness.eu/request` – body `{“domain”, “email”, “reason”}`, same answer as the MCP tool. Rate limited.

The public root log is also served as one JSON document, with no key and no rate limit:

- `GET https://machinewitness.eu/log.json` – every sealed day and both witnesses: observation count, Merkle root, seal time, and which external anchors that day carries. A witness with

Sono mostrati i primi 6,000 di 6,755 byte. I byte completi sono payload-35841781.bin in machinewitness-extract-witness-1-2026-09-28-45a33f974c68.zip.

https://machinewitness.eu/robots.txt

witness-1	prelevato 2026-09-28T03:12:53+00:00 · HTTP 200 SHA-256 ae6ef8da7be4397f9d37a57be7b522f3f2b84d2b6af133ba26e8379acab36e32 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia c6ae3444c00b163a044151ea59f634a6b0b39a4a3e29ca5b57f61abab78ec1ca · indice 44,025
witness-2	prelevato 2026-09-28T03:01:20+00:00 · HTTP 200 SHA-256 ae6ef8da7be4397f9d37a57be7b522f3f2b84d2b6af133ba26e8379acab36e32 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 10f22b28b520a9ea35e4e1be81f525f7aa04035157b9d1cb22ced67375f3fd52 · indice 24

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
# machinewitness.eu – an evidentiary archive of the machine-readable web (EU).
#
# This site is open to machines by design. An archive that records what other
# domains declare to crawlers would be a poor witness if it shut crawlers out of
# its own method, its daily root log and its terms.
#
# No reservation is made against AI training, inference, retrieval or text and
# data mining. The same statement is published in the two other formats this
# archive itself observes: /ai.txt and /.well-known/tdmrep.json
#
# Crawler identification, exclusion and takedown: https://machinewitness.eu/bot
# Contact: contact@machinewitness.eu

User-agent: *
Allow: /

# Named explicitly, so that no AI crawler has to fall back on the wildcard above.
User-agent: GPTBot
Allow: /

User-agent: ChatGPT-User
Allow: /

User-agent: OAI-SearchBot
Allow: /

User-agent: ClaudeBot
Allow: /

User-agent: Claude-User
Allow: /

User-agent: Claude-SearchBot
Allow: /

User-agent: anthropic-ai
Allow: /

User-agent: PerplexityBot
Allow: /

User-agent: Perplexity-User
Allow: /

User-agent: Google-Extended
Allow: /

User-agent: Applebot-Extended
Allow: /

User-agent: CCBot
Allow: /

User-agent: Amazonbot
Allow: /

User-agent: meta-externalagent
Allow: /

User-agent: Bytespider
Allow: /

User-agent: cohere-ai
```

Allow: /

User-agent: MistralAI-User
Allow: /

User-agent: DuckAssistBot
Allow: /

Sitemap: https://machinewitness.eu/sitemap.xml

https://machinewitness.eu/rsl.xml

witness-1	prelevato 2026-09-28T03:13:00+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia 718e1801f3b30fec634ab5b5f85b6aea2e4e6dff55f603bf798096763791216 · indice 4 4,917
witness-2	prelevato 2026-09-28T03:01:29+00:00 · HTTP 404 SHA-256 43141cf1efb2ab78d09cc200a9ef1e0be2ad6c5c5d0aa1e7da7f1aaa92e55008 HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano s olo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto u n crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati co me di consueto, così come lo SHA-256 del corpo consegnato. Foglia 16509cf032e1a6d42af259ee0e283b6176e875f6a4726c3062bf7b883e883b30 · indice 9 16

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

Contenuto non conservato: HTTP 404: il corpo di una risposta di errore non viene conservato (si conservano solo i corpi HTTP 403, limitati a 32768 byte, perché mostrano come viene respinto un crawler). Stato, intestazioni e provenienza di questa risposta sono sigillati come di consueto, così come lo SHA-256 del corpo consegnato.

<https://machinewitness.eu/sitemap.xml>

witness-1	prelevato 2026-09-28T03:13:00+00:00 · HTTP 200 SHA-256 93e7b4b9acd9e0e5f3194ed5f6e71013ea16e6034bf9b4fac92fa134d08430f9 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 7fa422de23dc977e3329bd0e894efa00d020d6ae6634ce0c318332f437a2a9c4 · indice 44,936
witness-2	prelevato 2026-09-28T03:01:31+00:00 · HTTP 200 SHA-256 93e7b4b9acd9e0e5f3194ed5f6e71013ea16e6034bf9b4fac92fa134d08430f9 Conservato per intero; a questa osservazione non si è applicato alcun limite di byte. Foglia 55908a9c5d462e03d2b7d93ebd3d8e03ec450333c39e02c791da7ac3200792a1 · indice 1,003

Entrambi i testimoni hanno ricevuto gli stessi byte (stesso SHA-256).

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
  xmlns:xhtml="http://www.w3.org/1999/xhtml">
  <url><loc>https://machinewitness.eu/</loc><lastmod>2026-09-27</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/de-de/</loc><lastmod>2026-09-27</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/es-es/</loc><lastmod>2026-09-27</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/fr-fr/</loc><lastmod>2026-09-27</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/it-it/</loc><lastmod>2026-09-27</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/pl-pl/</loc><lastmod>2026-09-27</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/"></url>
  <url><loc>https://machinewitness.eu/log/</loc><lastmod>2026-09-27</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/log/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/log/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/log/">
    <xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/log/">
    <xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/log/">
    <xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/log/">
    <xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/log/"></url>
  <url><loc>https://machinewitness.eu/de-de/log/</loc><lastmod>2026-09-27</lastmod>
    <xhtml:link rel="alternate" hreflang="en" href="https://machinewitness.eu/log/">
    <xhtml:link rel="alternate" hreflang="de-DE" href="https://machinewitness.eu/de-de/log/">
    <xhtml:link rel="alternate" hreflang="es-ES" href="https://machinewitness.eu/es-es/log/">
```

```
<xhtml:link rel="alternate" hreflang="fr-FR" href="https://machinewitness.eu/fr-fr/log"/>
<xhtml:link rel="alternate" hreflang="it-IT" href="https://machinewitness.eu/it-it/log"/>
<xhtml:link rel="alternate" hreflang="pl-PL" href="https://machinewitness.eu/pl-pl/log"/>
<xhtml:link rel="alternate" hreflang="x-default" href="https://machinewitness.eu/log"/></url>
<url><loc>https://machinewitness.eu/es-es/log</loc><lastmod>2026-09-27</lastmod>
<xhtml:link rel="alternate" hr
```

Sono mostrati i primi 6,000 di 99,317 byte. I byte completi sono payload-35842347.bin in machinewitness-extract-witness-1-2026-09-28-e064ceec097e.zip.