



COMMANDERS **ACT**

Realtime Cookie Scanner

Analyse cookies stored on your network in real time

January 2026

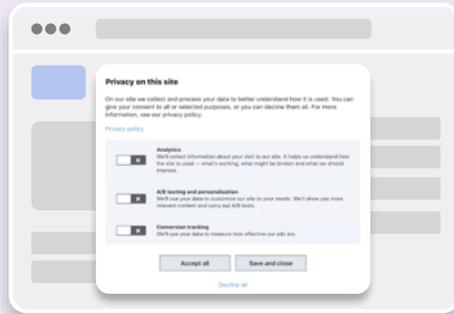
The problem



A dual compliance challenge

1

Establish initial consent collection
consent



Pop-in consent

2

... and monitoring
compliance on a daily
basis

Piggybacking

New cookies generated by second-level tags

Regular updates from partners

New
cookies

New
cookie names

New
tracking domains

Dormant cookies

Not actively used by the team, they slip under the radar of manual audits

Technical cookies

linked to redirects, iframes or plugins, etc.

Rare or selective cookies

They are difficult to spot because they are set for **certain users only**, or under certain **specific conditions**.



A double level of risk

At the brand level

Heavy financial penalties

€20 million or 4% of global annual turnover

Damage to the brand's reputation

Loss of customer confidence, bad buzz, and negative media coverage

Class actions or individual complaints

Individual complaints to the CNIL or class actions via associations such as NOYB

At the digital team and DPO level

Civil liability or internal disciplinary action

if an employee, either intentionally or through negligence, violates GDPR obligations, they may be penalised

Personal criminal liability

unlawful collection of personal data, invasion of privacy, or failure to comply with a known legal obligation

Damage to reputation and career

Involvement in a data leak or poor GDPR management

Risk



Financial penalties that extend



€150 million

Non-compliant cookie consent, absence of a refusal button equivalent to acceptance.



€60 million

Refusal of cookies more complex than acceptance, rendering consent invalid



€50 million

Displaying advertisements between emails without explicit user consent.



€2.25 million

Multiple breaches: insufficient information, excessive retention period, lack of fairness.



€800,000

Similar infringements to those committed by Carrefour France concerning the management of personal data.

...

Significant sums of money that do not only concern GAFAM

- Limited bandwidth
- Flaws in processes
- Daily life taking over
- Rapidly expanding websites
- An ever-increasing number of Adtech/Martech solutions
- A lack of solutions



Incidents that damage brands

Impact on consumer confidence and behaviour

75%

Consumers say they would not buy from organisations they do not trust to protect their personal data.

3.6

of consumers say that a single data breach would negatively impact their likelihood of purchasing products from a company.

33

Of consumers would lose trust in an organisation that uses their data to offer products or services from another company

Measurable economic consequences

21

Of consumers have stopped using the services of a company that has suffered a data breach.

42

Of consumers have requested that their information be deleted after a data breach.

52

Of consumers would consider purchasing the same products or services from a supplier offering better security.

How can these risks be better managed?



Significantly more powerful technology

"Anything but a crawler"



Operational support

- **Simplified prioritisation**
The frequency of occurrence of each cookie is known
- **Detection of conditional cookies**
Cookies triggered by specific interactions or behaviours (scrolling, clicking, following a specific path)
- **No scenario creation or setup required**
You monitor all the pages your visitors see: authenticated or dynamic pages, order funnel, forms, etc.
- **No technical maintenance over time**
No need to keep test paths up to date every time the site changes
- **Enriched contextual analysis**
Ability to know on what type of page or in what context the cookie was seen (e.g., cookie specific to conversion funnels)
- **Suitable for multi-region and multi-language sites**
No need to define a crawl by domain or language



Enhanced operational efficiency



Secure digital activity

- Technology that is much more powerful than crawls
- Constant monitoring for better control
- Enhanced protection that reassures DPOs and management
- Documentation that is always up to date and ready in case of an audit
- Truly one-click implementation
- Controlled adoption costs

Thanks



Appendices



Features



Filters by language, domain, cookie/storage type



Real-time cookie detection



Display of detection percentage



Detection of the domain where the cookie was scanned



Option to ignore certain cookies (manual deletion of test cookies, etc.)



Display of a "scanned" (actually detected) or "inferred" label



Option to manually edit each cookie



Indication for each cookie whether it is a first-party, third-party, local storage, or session storage cookie



Display of the lifetime of each cookie/storage



Label indicating whether a cookie is stored before consent



Label indicating whether a cookie has disappeared (was detected but is no longer visible) = "missing" label



Option to display/exclude cookies based on detection percentage (with fine selection bar)



Option to automatically translate into almost any language



List of "new" cookies and (separate) list of cookies previously validated by the customer ("active")



Display of the name of the partner responsible for creating this cookie (YouTube, Google, etc.)



Creation of a ready-to-use "cookie table" to display on the client's website, available in all defined languages



This table is dynamic and can be updated without modifying the source code of the customer's website



Detection of the URL that created the cookie (e.g. a Google font)



More efficient translations in all languages (thanks to JarvX)



Detection of the full URL where the cookie was last seen



Real-time alerting if a new cookie is detected



Screenshots



Realtime Cookie Scanner Configuration

- Defining the website domain name
- Adding the desired languages
- Custom fields: create custom fields to add custom information to each cookie

The screenshot displays the 'Realtime Cookie Scanner / Cookie Notice Manager' configuration page. At the top, there are navigation elements including the language dropdown (set to English) and 'Edit' and 'Deploy' buttons. Below this is a search bar and filter options for 'Website' (All), 'Type' (All), and 'Rare cookies' (Off). A 'Cookie Scanner Settings' modal is open on the right, showing 'Language codes' (English and French) and a 'Domains' field containing 'academy.commandersact.com'. The main content area shows a table of detected cookies with columns for Name, Vendor, Category, Storage type, Description, and Website.

| Name | Vendor | Category | Storage type | Description | Website |
|---------|---------|-----------|--|--|--|
| __hssrc | HubSpot | Marketing | 1st Party Cookie Session (.commandersact.co) | Whenever HubSpot changes the session cookie, ... | academy.com... https://academy.c... |
| __hstc | HubSpot | Marketing | 1st Party Cookie 6 months (.commandersact.co) | The main cookie for tracking visitors. | academy.com... https://academy.c... |
| _ga | Google | Analytics | 1st Party Cookie 14 months (.commandersact.co) | ID used to identify users | academy.com... https://academy.c... |
| _gid | Google | Analytics | 1st Party Cookie 1 day (.commandersact.co) | ID used to identify users for 24 hours after ... | academy.com... https://academy.c... |



Realtime Cookie Scanner

Available in all languages

- Specify the languages you require and our AI will take care of the translation
- All languages available
- No limit on the number of languages you can set

The screenshot displays the Realtime Cookie Scanner interface. At the top, it shows the breadcrumb "Realtime Cookie Scanner / Cookie Notice Manager / French". Below this is a search bar and filters for "Website" (All), "Type" (All), and "Rare cookies" (Off). The main content area shows a list of cookies under the "New (47)" tab. The table has columns for Name, Vendor, Category, Storage type, and Description. A "Cookie Scanner Settings" modal is open on the right, with a green border. The modal has a "Language codes" section with buttons for Danish, English, French, Dutch, and Portuguese. Below that is a "Domains" section with a text input field containing "www.commandersact.com". The "Custom Fields" section has a text input field containing "my custom field". The modal has "Cancel" and "Save" buttons.

| Name | Vendor | Category | Storage type | Description |
|--------|---------|---------------|---|---|
| __hstc | HubSpot | Marketing | 1st Party Cookie 6 months (.commandersact.com) | Les cookies, appareils ou id... en lig... |
| _ga | Google | Analytics | 1st Party Cookie 14 months (.commandersact.com) | Ce nom de cookie est assc... Google Univers... |
| _pcid | Piano | Essential | 1st Party Cookie 13 months (.commandersact.com) | Utilisé à des fins : Des cook... identif... |
| _pctx | Piano | Essential | 1st Party Cookie 13 months (.commandersact.com) | Utilisation à des fins : Vos données... peuvent ... |
| AB | | Uncategorized | 1st Party Cookie 20 days | academy.commande... https://academy.comman... Scanned 21% |



Cookie Notice Manager

Filters to improve searches

1. Defining the website domain name
2. Domain filters and storage type
3. Language selection

The screenshot displays the 'Cookie Notice Manager' interface within the 'COMMANDERS ACT' system. The interface is divided into a left sidebar, a main content area, and a right sidebar. The main content area shows a list of cookies with columns for Name, Domain, Storage Type, Description, and Website. Three numbered callouts highlight specific features:

- 1**: A search filter for the domain 'Commanders Act' is applied to the cookie list.
- 2**: A dropdown menu for 'Select option' is open, showing filter categories: 'All', '1st Party Cookie', '3rd Party Cookie', 'Local Storage', and 'Session Storage'.
- 3**: A dropdown menu for 'Select option' is open, showing language options: 'English' and 'French'.

| Name | Domain | Storage Type | Description | Website |
|---------------------------------|-----------|-----------------|--|--|
| __darkreader__wasEnabledForHost | | | | www.command... https://www.comma... |
| __hstc | HubSpot | Market | | www.command... https://www.comma... https://www.comma... |
| _clsk | Microsoft | Analytics | This cookie is installed by Microsoft Clarity... | www.command... https://www.comma... https://www.comma... |
| _cltk | | Session Storage | The main functionality is to store and track ... | www.command... https://www.comma... |
| _ga | Google | Analytics | ID used to identify users | www.command... https://www.comma... https://www.comma... |



Realtime Cookie Scanner

Available in all languages

View the tracking table in the desired language

The image displays two overlapping screenshots of the Realtime Cookie Scanner interface. The top screenshot shows the interface in English, with a language dropdown menu set to 'English'. The bottom screenshot shows the same interface with the language dropdown menu set to 'French', demonstrating the application's multilingual capabilities. The interface includes a search bar, filters for website, type, and rare cookies, and a table of detected cookies with columns for Name, Vendor, Category, Storage type, Description, and Website. The table lists cookies such as __hstc, _ga, _pcid, _pctx, and AB, along with their respective vendors (HubSpot, Google, Piano) and categories (Marketing, Analytics, Essential, Uncategorised).



Real-time cookie scanner

Description of the cookie by our AI

A cookie with no visible description; use our AI to help you

The screenshot displays a web application interface for a real-time cookie scanner. The main window shows a list of cookies with columns for Name, Vendor, Category, Storage type, Description, and Website. A modal window is open, providing a detailed view of a specific cookie. The modal includes fields for Website, Vendor URL, Vendor, Category, and Consent exempted. It also features a section for 'Fields with multiple languages' where descriptions can be generated for different languages (English and French) using AI. The AI-generated description for the French version is: 'Ce cookie stocke l'ID du visiteur (utilisé pour déterminer le nombre de visiteurs uniques), leur historique de campagne, l'historique des...'. The modal also includes a 'Generate with AI' button and a 'Save' button.

| Name | Vendor | Category | Storage type | Description | Website |
|--------|---------|---------------|--|--|---------------------------|
| __hstc | HubSpot | Marketing | 1st Party Cookie 6 months (commandersact.com) | The main cookie for tracking visitors. | academy.commandersact.com |
| _ga | Google | Analytics | 1st Party Cookie 14 months (commandersact.com) | ID used to identify users | academy.commandersact.com |
| _pcid | Piano | Essential | 1st Party Cookie 13 months (commandersact.com) | This cookie contains the browserid (BID) that... | academy.commandersact.com |
| _pctx | Piano | Essential | 1st Party Cookie 13 months (commandersact.com) | This cookie is required to sync different... | academy.commandersact.com |
| AB | | Uncategorized | 1st Party Cookie 20 days (commandersact.com) | Generate with AI | academy.commandersact.com |



Real-time cookie scanner

Real-time table

Data updated in real time

- Real-time table (no batches).
- Automatic detection and breakdowns by:
 - vendor,
 - category
 - domain
 - frequency
 - status
- Filters by domain, frequency, storage type

Realtime Cookie Scanner / Cookie Notice Manager / English

Search Website All Type All Rare cookies On Add cookie

Show cookies with frequency greater than 0%

0%

All New (369) Active (30) Ignored (4)

| Name | Vendor | Category | Storage type | Description | Website |
|---|--------|-----------------|-----------------------------|-------------|---|
| > __darkreader__image_Details_v2_https://com-mandersact.com/wp-content/uploads/2024/01/CA-bkg-video_06-preview.webp | | Session Storage | Session (commandersact.com) | | www.commande... https://www.comman... Scanned 4% |
| > __darkreader__image_Details_v2_list | | Session Storage | Session (commandersact.com) | | www.commande... https://www.comman... Scanned 4% |
| > __darkreader__wasEnabledForHost | | Session Storage | Session (commandersact.com) | | www.commande... https://www.comman... Scanned 5% |



Real-time cookie scanner

Rare cookies

Set the desired detection percentage

For all types of cookies and storage, you can view the detection frequency percentage and customise it

The screenshot displays the 'Realtime Cookie Scanner / Cookie Notice Manager' interface. A sidebar on the left contains navigation options: Overview, New Cookies, Live Scan, Cookie Origins, Cookies by Category, Compliance Summary, and Cookie Notice Manager. The main area features a search bar, filters for Website (All) and Type (All), and a 'Rare cookies' toggle set to 'On'. A slider is positioned at 0% with the text 'Show cookies with frequency greater than 0%'. Below this, a table lists cookies with columns for Name, Vendor, Category, Storage type, Description, and Website. The table shows three cookies, all categorized as 'Session Storage' and 'Scanned'. The detection frequencies are 4%, 4%, and 5% respectively.

| Name | Vendor | Category | Storage type | Description | Website |
|---|--------|----------|-----------------|------------------------------|--|
| __darkreader__imageDetails_v2_https://commandersact.com/wp-content/uploads/2024/01/CA-bkg-video_06-preview.webp | | | Session Storage | Session (.commandersact.com) | www.commande... https://www.comman... |
| __darkreader__imageDetails_v2_list | | | Session Storage | Session (.commandersact.com) | www.commande... https://www.comman... |
| __darkreader__wasEnabledForHost | | | Session Storage | Session (.commandersact.com) | www.commande... https://www.comman... |



Cookie categorisation

Validation, Editing, Exclusion

Cookies are organised into three lists

- **New:** recently detected, not reviewed.
- **Active:** validated by you, ready to be displayed in the notice.
- **Ignored:** place cookies here that you do not want to see listed in your cookie notice.
- Uses AI to find the description and category of rare cookies, with human validation
- Automatically classifies cookies by risk and frequency.

Realtime Cookie Scanner / Cookie Notice Manager / English

Search Website: All Type: All Rare cookies: On

Show cookies with frequency greater than 0%

0%

All New (369) Active (30) Ignored (4)

| Name | Vendor | Category | Storage type | Description | Website |
|--|--------|----------|--|-------------|--|
| > <code>__darkreader__image</code> Details_v2_https://com mandersact.com/wp- content/uploads/2024/ 01/CA-bkg-video_06- preview.webp | | | Session Storage Session (.commandersact.com) | | www.commande... https://www.comman... |
| > <code>__darkreader__image</code> Details_v2_list | | | Session Storage Session (.commandersact.com) | | www.commande... https://www.comman... |
| > <code>__darkreader__wasEn</code> abledForHost | | | Session Storage Session (.commandersact.com) | | www.commande... https://www.comman... |



Modification of cookie descriptions

Cookie editing

Cookie editing possible by:

- Name
- Storage type
- Domain
- Duration
- Website
- Vendor URL
- Multi-language

The screenshot displays the COMMANDERS ACT interface for the 'Cookie Notice Manager'. The main area shows a table of cookies with columns for Name, Vendor, Category, Storage type, and Description. A modal window titled 'Edit cookie' is open on the right, allowing for the modification of various cookie attributes.

Cookie Notice Manager Interface:

- Navigation: Back to home, Realtime Cookie Scanner, Overview, New Cookies, Live Scan, Cookie Origins, Cookies by Category, Compliance Summary, Cookie Notice Manager.
- Filters: Search, Website (All), Type (All), Rare cookies (On).
- Frequency: Show cookies with frequency greater than 0% (0% slider).
- Summary: All, New (369), Active (30), Ignored (4).
- Table Headers: Name, Vendor, Category, Storage type, Description.

Edit cookie Modal Fields:

- Name: `__darkreader__imageDetails_v2_https://commandersact.com/wp-conte`
- Storage type: Session Storage
- Storage domain: `.commandersact.com`
- Storage duration: Session
- Website: `www.commandersact.com`
- Vendor URL: (empty)
- Fields with multiple languages: English (selected), Description (text area), Vendor (dropdown).
- Buttons: Cancel, Save.



Alert on newly detected cookies

Specify the sensitivity level of newly scanned cookies

Real-time alerts for newly scanned cookies:

- Instant notifications for new cookies, deleted cookies, or non-compliant cookies
- Configurable by domain, language, and severity
- Integrations: Email, Webhook, Slack, Teams

The screenshot displays the 'Alerting Settings' configuration window. At the top right, there are 'Edit' and 'Deploy' buttons. The main settings include:

- Alerting Settings**: A close button (X) is visible.
- Alert new cookie**: A toggle switch is set to 'On'.
- Notification channel**: Buttons for 'Email', 'Slack', and 'Teams' are shown.
- Recipients**: A dropdown menu with 'Select option'.
- Alerting threshold**: A slider set to 5%. Below it, text reads: 'You will be alerted immediately when a new cookie is detected and has an occurrence of more than 5%'.
- Alert frequency**: A dropdown menu with options: 'Every 15 minutes' (highlighted), 'Every 30 minutes', 'Every hour', 'Once a day', and 'Once a week'.

Overlaid on the right side of the interface are several callout boxes:

- 'Activate alerting' (black box with white text)
- 'Custom fields settings' (black box with white text)
- 'Add cookie' (blue button)
- 'Export cookies in Excel format' (black box with white text)

At the bottom of the window are 'Cancel' and 'Save' buttons.



Cookie names and meanings

Display of cookies stored prior to consent

Scanned:

Detected during live user sessions

Before consent:

Cookie set before user consent.

Missing:

Not scanned for over a month

Exempted:

You can add an "exempted" flag. Simply activate the dedicated switch in "Cookie Edition" to classify exempted cookies.

| Active 30 | | | | | | |
|-----------------|----------------|------------|--|---|--|-----------------------------|
| Name ↑ | Vendor ↑ | Category ↑ | Storage type ↑ | Description ↑ | Website | |
| > _cf_bm | Cloudflare | Essential | 3rd Party Cookie Session (.hubspot.com, | Used by us or third party partners to collect... | www.commander... Scanned | ✎ ⌵ |
| > __hssc | Hubspot.com | Analytics | 1st Party Cookie Session (.commandersact.com) | This cookie keeps track of sessions. | www.commander... Scanned Set before consent | ✎ ⌵ |
| > _cfuid | hubspot.com | | 3rd Party Cookie Session (.hubspot.com, | The _cfuid cookie is only set when a site us... | www.commander... Scanned | ✎ ⌵ |
| > _clk | Commanders Act | | 1st Party Cookie 12 months (.commandersact.com) | Used for Purposes: The performance and effect... | www.commander... Scanned Set before consent | ✎ ⌵ |
| > _fbp | Facebook | Others | 3rd Party Cookie 12 months (www.facebook.com) | Facebook ID | Commanders Act Custom | ✎ ⌵ |
| SEARCH_SAMESITE | - | | 3rd Party Cookie (.google.it) 6 months | SameSite prevents the browser from sending this cookie along with cross-site... | www.commandersact.com Scanned | Missing ✎ ⌵ |
| New 1 | | | | | | |
| Name ↑ | Vendor ↑ | Category ↑ | Storage type ↑ | Description ↑ | Website | |
| > TCPID | Commanders Act | Essential | 1st Party Cookie 13 months (.commandersact.com) | | www.command... Scanned | Consent exempted 100% ✎ ✓ ⌵ |



Quick and easy deployment of the table

Publish a cookie table on your website

- Generate a version of your cookie policy
- Export a version of the cookie notice available in several versions
- Copy/paste the js code onto your legal page to automatically build the cookie list table.
[Implementation document.](#)

The screenshot displays the 'Realtime Cookie Scanner / Cookie Notice Manager / Deploy' interface. At the top right, there are 'Edit' and 'Deploy' buttons. Below this, there are 'Installation' and 'New version' buttons. The main area contains a table with columns: Version, Created, New, Ignored, Languages, Comment, and a set of action buttons. The table lists several versions of cookie notices, with the most recent being 9.00. The action buttons for each row include a download icon, a 'Deploy' button, and format options: CSV, JSON, HTML, and XSLX. An 'Installation' dialog box is open in the foreground, showing the HTML code for the cookie notice and instructions on how to place it on the website.

| Version | Created | New | Ignored | Languages | Comment | Action |
|---------|------------------|--|---------|-----------|-------------------|---|
| 9.00 | 05.09.2025 16:50 | SOCS, PHPSESSID, MR, CA_cScore, CAID, csrf.app | fbp_ | EN, FR | Export V7 2025095 | Download, Deploy, CSV, JSON, HTML, XSLX |
| 8.00 | 04.09.2025 10:44 | IP_JAR | fbp_ | EN, FR | Export V5 | Download, Deploy, CSV, JSON, HTML, XSLX |
| 7.00 | 02.09.2025 14:25 | MUID | fbp_ | EN, FR | version 4 | Download, Deploy, CSV, JSON, HTML, XSLX |
| 6.00 | 02.09.2025 14:58 | ANONCHK | fbp_ | EN, FR | version 3.1 | Download, Deploy, CSV, JSON, HTML, XSLX |

Installation Dialog:

HTML table

```
<script language="javascript">
<!--
/*
*****
*** FEATURE NOTICE ***
*****
Before using the following template you need to add an empty html "div" element into your page(s)
and set its global attribute "id". This element will be filled with your cookie information.

Place this HTML where you want the Cookie Notice to appear.

<div id="ca-slot--cookie-notice"></div>
```

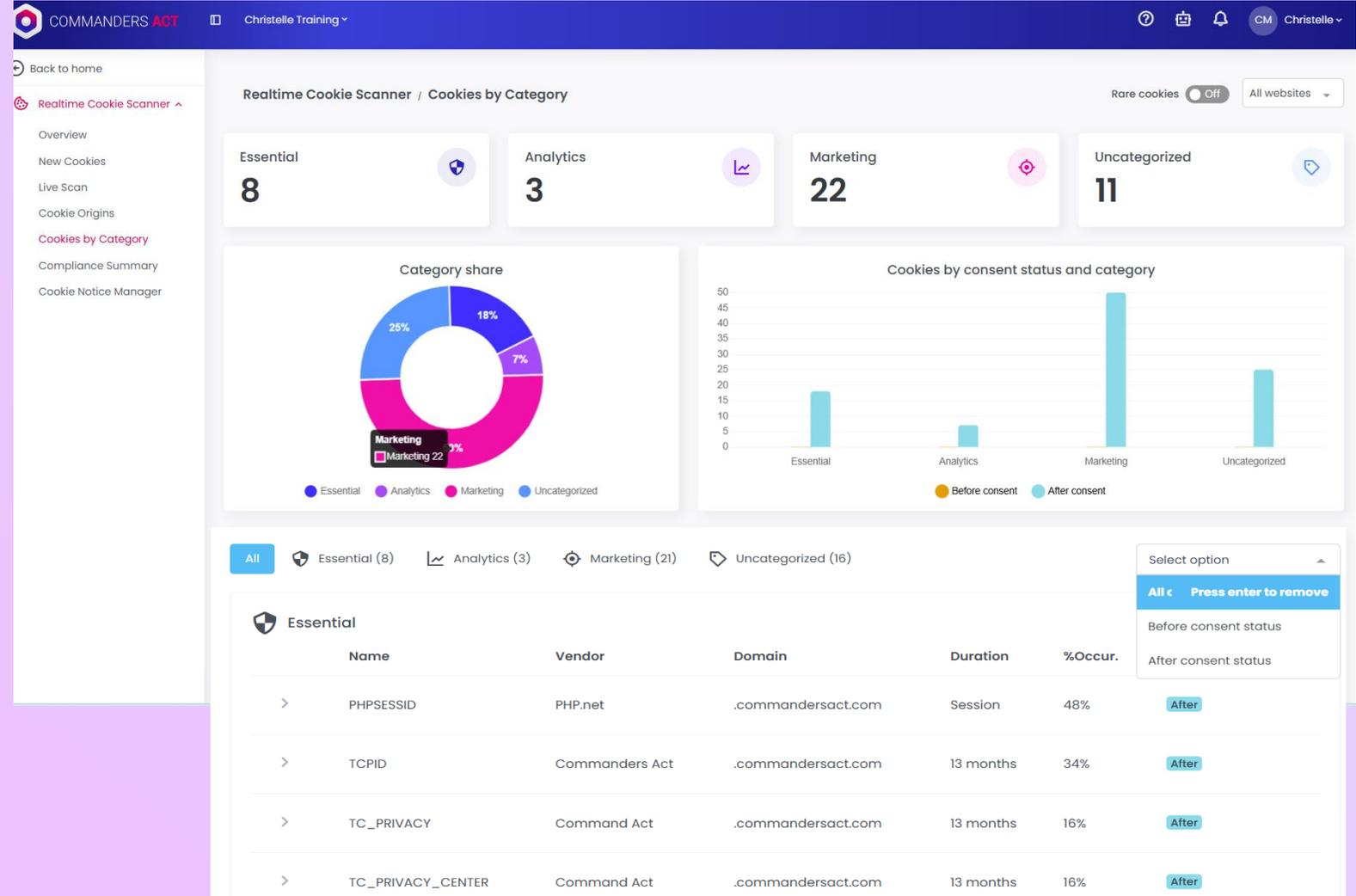


Cookie dashboard

Cookie dashboard by category

Observation:

- cookie volumes by category
- Cookies stored before or after consent
- List of cookies placed before or after consent



Context, opportunity & challenges

RCS: List of benefits

| Benefits | Advantages |
|--|--|
| 1. Real and complete visibility of cookies through scanning | No "hidden" cookies are missed. |
| 2. Continuous real-time monitoring | Immediate response rather than delayed detection. Possible integrations: Email, Slack, Teams, Webhook |
| 3. Intelligent & enriched classification | Clear understanding of the impact of each cookie without cumbersome manual analysis. |
| 4. Detection of all storage types | This ensures comprehensive coverage of all client-side storage methods. |
| 5. Automation of cookie policy publication | Transparent and compliant publication without manual effort. |
| 6. Rapid deployment independent of CMP/TMS | Rapid and compatible implementation. |
| 7. Useful use cases for multiple teams <ul style="list-style-type: none">• The module serves several cross-functional purposes:<ul style="list-style-type: none">• Continuous compliance monitoring (e.g. CNIL/GDPR)• Immediate audit after deployment of tags or containers• Proactive detection of undeclared third-party scripts• Compliance monitoring during site redesigns or migrations | A useful tool for privacy, marketing, legal and technical teams |
| 8. Live dashboards | Quick visual monitoring without waiting for delayed reports |



Coming Soon



Cookie Origins

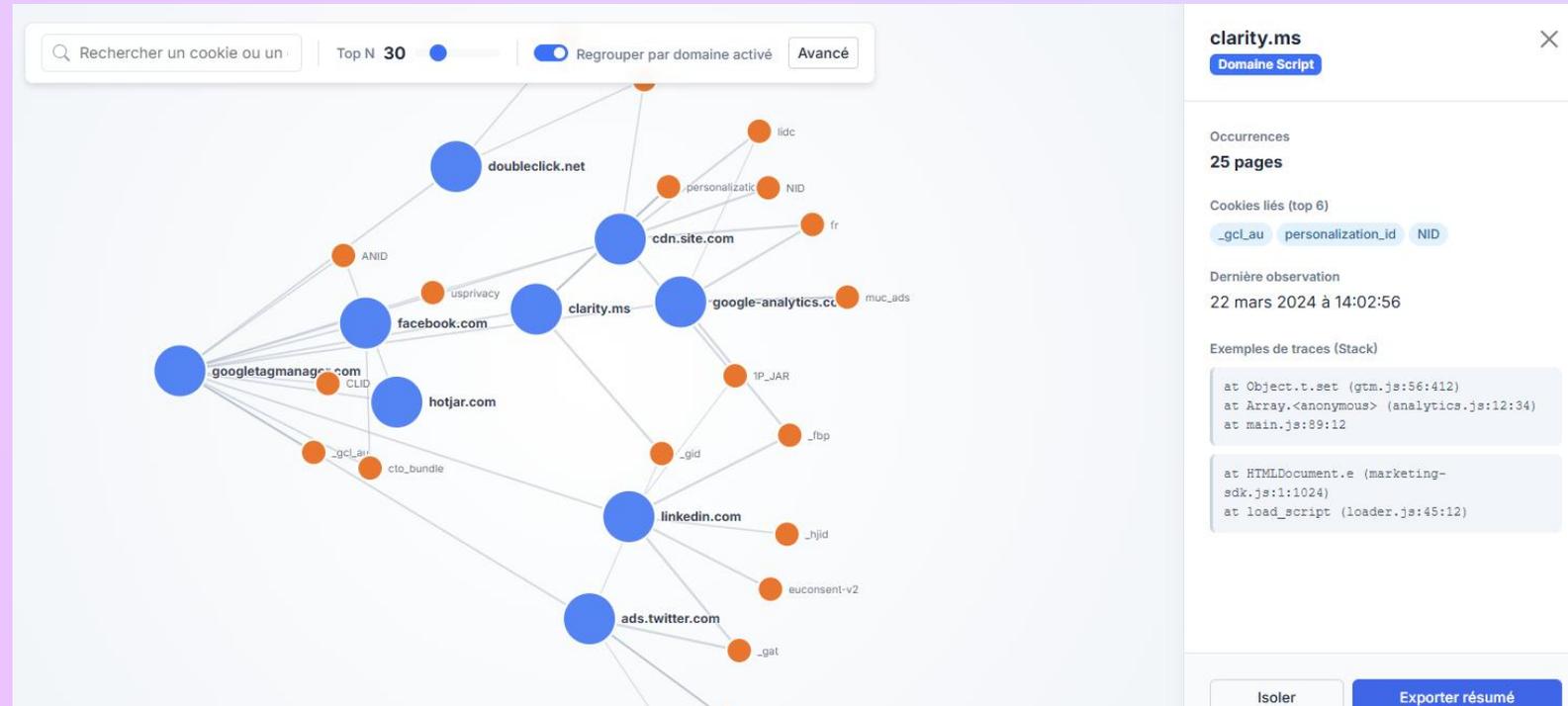
The missing link between the script and the data.

The "Best Effort" approach A view based on real-time observation of the JavaScript stack. We capture the exact context at the moment the cookie is set.

What you gain in concrete terms:

- **Visual mapping:** Instantly visualise the Script → Cookie relationship.
- **Third-party identification:** Identify the active domains and scripts responsible for the placement.
- **Diagnostic assistance:** Pragmatic support to make your tags more reliable and facilitate communication with your partners.

A unique readability tool that complements the comprehensive analysis of Realtime Cookie Scanner.



Dashboard Overview

A 360° view to monitor, prioritise and take action.

Monitor (Overview)

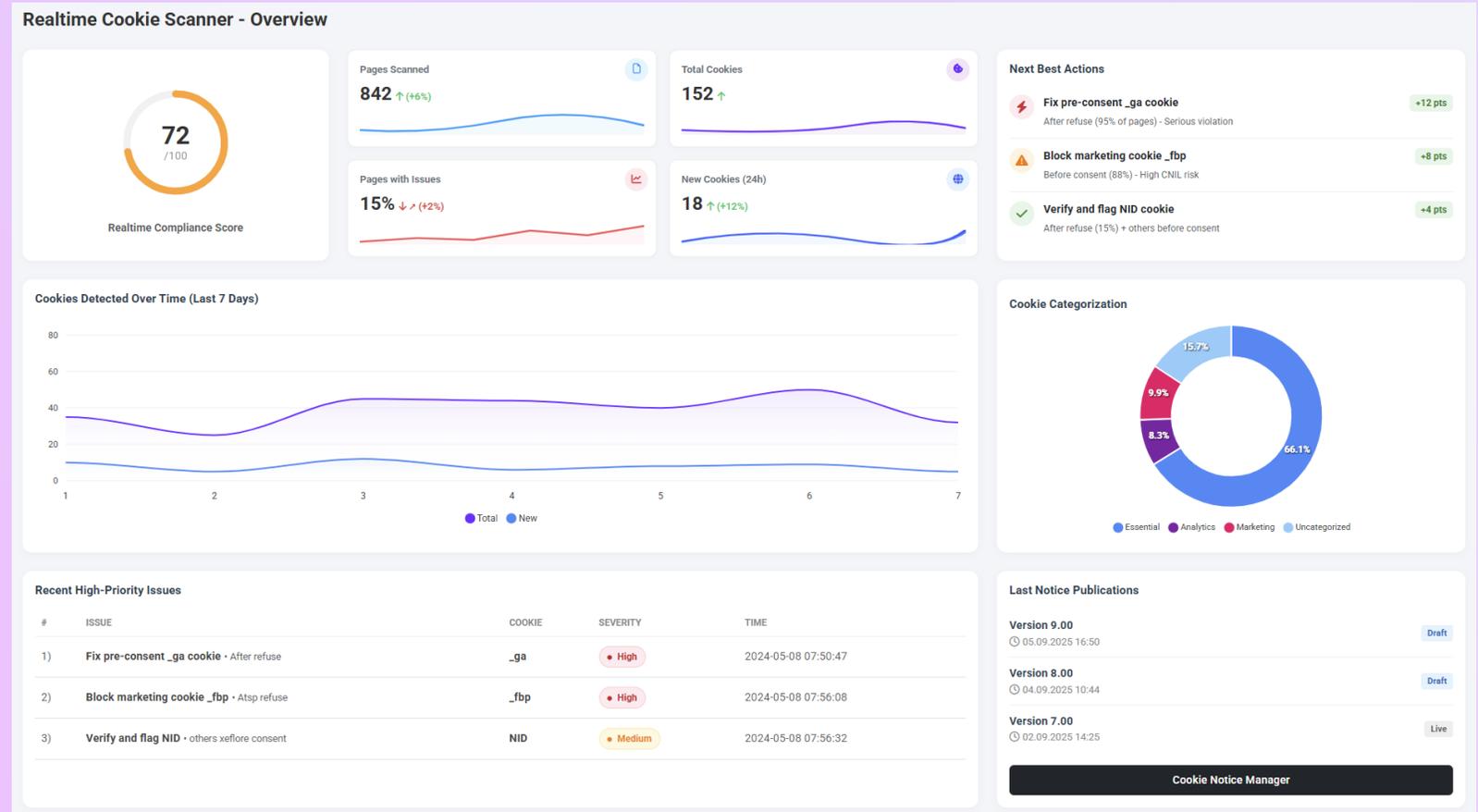
- **Compliance score:** A real-time health indicator (0-100).
- **Volume & Trends:** Tracking of detected cookies and at-risk pages over 7 days.

Embedded intelligence

- **Next Best Actions:** Automatic suggestions for the most impactful corrections to your score.
- **High-Priority Issues:** List of critical violations (e.g., marketing cookies before consent) ranked by severity.

Notice Manager:

- Track different versions of the Cookie Notice published to correlate changes in scripts and banners.



Compliance summary

Transform technical data into management indicators.

Score-based management

- **Cookie Compliance Score:** Your overall health level summarised by a score out of 100.
- **Executive Narrative:** Automated summary explaining the origin of the score and priorities.

Intelligent Prioritisation

- **Next Best Actions:** The three most impactful corrective measures with their potential point gains.
- **Top Violations:** Focus on critical cookies (e.g. deposits after refusal or before consent).

Stack Transparency

- **Key Indicators:** Overview of the number of cookies before consent, after refusal, and the total volume scanned...
- **Breakdown by Status:** Overview of the total number of cookies detected

