

# Verbraucherschutz in der digitalen Welt

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Hanno 'Rince' Wagner

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Chaos Computer Club Stuttgart

*rince@cccs.de*

1. Kurze Vorstellung des CCCS
2. Internet

## **Kurze Vorstellung des CCCS**

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- regelmässige Treffen seit Sommer 2001
- Seit Oktober 2003 monatliche Vortragsreihe
- Gehen zu Organisationen, führen Cryptoparties durch
- Spass am Gerät, aber Gefahren beachten und abwägen
- Informieren statt abschrecken.



## **Internet**

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- Das Internet begann seinen Siegeszug als Zusammenschluß von Hochschulen und Universitäten.
- Jeder hat jedem vertraut. Man war einander offen.

- Alte Protokolle
- Sehr viel mehr „interessierte Parteien“
- Sehr viel mehr Möglichkeiten der Nutzung - war es früher Email und Korrespondenz, ist es heute das Browsen im Web.

Heutzutage sind Browser nicht mehr reine „Darstellungssysteme“ (wie ein Buch oder ein Fernseher), sondern sie sind „interaktiv“ - sie können Programme ausführen oder Daten nachladen oder Daten an Server senden. Sie tun das auch ohne Rückfrage beim Nutzer. Webseiten können Tracker zur Verfolgung von Nutzern erstellen oder einbetten lassen.



- Tracker sind „Sender“.
- Sie melden den Aufruf einer identifizierbaren Webseite an den Sammel-Server.
- Idealerweise angereichert mit Informationen über den Aufrufenden.

The screenshot shows the Spiegel.de website with a mobile app overlay on the right. The overlay, titled "DISCONNECT.", lists various tracking categories and their request counts: Advertising (11 requests), Yieldlab (2 requests), Criteo (3 requests), Adobe (3 requests), explosion interactive (1 request), and ADITION (2 requests). It also shows Analytics (42 requests), Social (0 requests), and Content (7 requests). At the bottom of the overlay, it indicates "18% (477K) less data" and has a "Get Mobile Protection" button.

The main website content includes the "SPIEGEL ONLINE" logo, a navigation menu with categories like Politik, Meinung, Wirtschaft, Panorama, Sport, Kultur, and Netzwerk. The date "24. Juni 2019" is displayed. An advertisement for "Die ETFs 2019" features a photo of a man and a woman, with the text: "Diese ETFs bieten das perfekte Gesamtpaket aus Gewinnchance und minimalem Risiko".

Below the ad is a section for the "Achtelfinale" (Round of 16) of the "FRANCE 2019" tournament. It shows a match between "Spanien" (Spain) and "USA" with a "1:1" score. Another match is shown between "Schweden" (Sweden) and "Kanada" (Canada) with a "21 Uhr" (21:00) start time. Navigation buttons for "Liveticker", "Spielplan", "Gruppen", "Statistik", and "News" are provided.

At the bottom, a headline reads: "Eurofighter"-Unglück Bundeswehripilot bei Kampffjet-Absturz in Mecklenburg gestorben

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**PIEGE**

Menü | F

uni 2019

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**ETFs 2019**  
ETFs bieten  
Gewinnchance

**DISCONNECT**

Show list view

Browse the web normally. As you do, the graph in this popup and the counter in the toolbar will update. Each circle in the graph represents a site that's been or would've been sent some of your personal info.

Circles with a halo are sites you've visited. Circles without a halo are sites you haven't.

Red circles are known tracking sites. Gray circles aren't but may still track you.

Mouse over a circle to view that site's tracking footprint. Click a red circle to block or unblock that site.

Unblock tracking sites

Hide sidebar

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Suchen


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https://www.spiegel.de

Suchen

**DISCONNECT** [Show list view](#)

 [mxcdn.net](https://mxcdn.net)

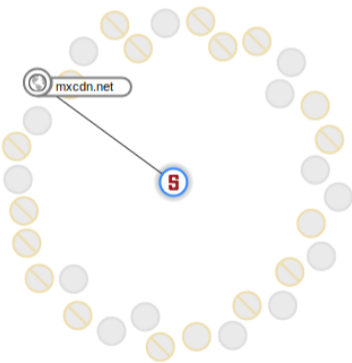
This site is informed when you visit the following sites:

- [spiegel.de](https://spiegel.de)

[Unblock tracking sites](#)

[Hide sidebar](#)

[Show instructions](#)



https://www.zeit.de/index

Suchen

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## DISCONNECT

Show list view

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Unblock tracking sites

Hide sidebar




The screenshot shows a web browser window with the URL <https://www.disconnect.de/index>. The page features the "DISCONNECT" logo at the top left and a green "Show list view" button at the top right. A sidebar on the left contains navigation options: "AB", "Z", "Po", and "sc".

The main content area displays a notification for the domain **mxcdn.net**. The text reads: "This site is informed when you visit the following sites:" followed by a list containing [zeit.de](https://www.zeit.de). Below this list are three buttons: "Unblock tracking sites", "Hide sidebar", and "Show instructions".

To the right of the notification is a circular diagram consisting of 20 small circles. One circle is highlighted with a blue border and contains the letter "Z". A line connects this "Z" circle to a larger circle at the bottom of the ring, which contains a globe icon and the text "mxcdn.net".

# Was gibt mein Webbrowser an Informationen heraus



The screenshot shows a web browser window with the URL `https://panopticlick.eff.org/results?aat...`. The page title is "PANOPTICLICK 3.0" and the main heading is "Is your browser safe against tracking?". The test results are as follows:

How well are you protected against non-consensual Web tracking? After analyzing your browser and add-ons, the answer is ...

Yes! You have **strong protection against Web tracking**, though your software isn't checking for Do Not Track policies.

Help us defend the Web against tracking:

[Twitter](#) [Facebook](#) [G+](#) [Email](#)

Test	Result
Is your browser blocking tracking ads?	✓ yes
Is your browser blocking invisible trackers?	✓ yes
Does your blocker stop trackers that are included in the so-called "acceptable ads" whitelist?	✓ yes
Does your browser unblock 3rd parties that promise to honor Do Not Track?	✗ no
Does your browser protect from fingerprinting?	✗ your browser has a unique fingerprint

[Show full results for fingerprinting](#)

Note: because tracking techniques are complex, subtle, and constantly evolving, PanoptiClick does not

# Was gibt mein Webbrowser an Informationen heraus

Your browser fingerprint **appears to be unique** among the 209,588 tested in the past 45 days.

Currently, we estimate that your browser has a fingerprint that conveys at **least 17.68 bits of identifying information**.

The measurements we used to obtain this result are listed below. You can [read more about our methodology, statistical results, and some defenses against fingerprinting here](#).

Browser Characteristic	bits of identifying information	one in x browsers have this value	value
User Agent	6.52	91.8	Mozilla/5.0 (X11; Linux x86_64; rv:60.0) Gecko/20100101 Firefox/60.0
HTTP_ACCEPT Headers	5.18	36.14	text/html,*/*; q=0.01 gzip, deflate, br de,en-US;q=0.7,en;q=0.3
Browser Plugin Details	0.82	1.76	undefined
Time Zone	2.21	4.63	-120
Screen Size and Color Depth	2.8	6.95	1920x1080x24
System Fonts	17.68	209588.0	Arial, Arial Narrow, Bitstream Vera Sans Mono, Calibri, Cambria, Courier, Courier New, Helvetica, LUCIDA GRANDE, Monaco, MYRIAD PRO, Palatino, Times, Times New Roman, Wingdings 2, Wingdings 3 (via javascript)
Are Cookies Enabled?	0.25	1.19	Yes
Limited supercookie test	0.38	1.3	DOM localStorage: Yes, DOM sessionStorage: Yes, IE userData: No
Hash of canvas fingerprint	17.68	209588.0	43265cald889c7003720c96567885b16
Hash of WebGL fingerprint	12.09	4366.42	aa4c831ac596c04ad2e93c0167fa32e2
DNT Header Enabled?	0.83	1.77	True
Language	4.98	31.48	de
Platform	2.99	7.97	Linux x86_64
Touch Support	0.77	1.71	Max touchpoints: 0; TouchEvent supported: false;



**Fragen?**

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Einfach mich anschreiben. Ich bin unter [rince@cccs.de](mailto:rince@cccs.de) zu erreichen.



**Namensnennung - Weitergabe unter  
gleichen Bedingungen 3.0 Deutschland  
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