

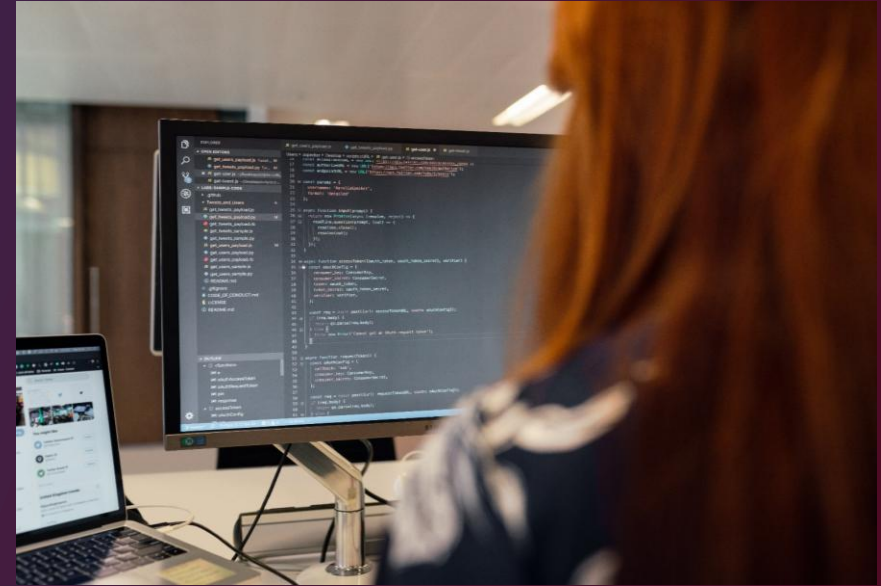
Open by Design:

How governments can lead the shift
to digital sovereignty

“

Digital sovereignty means that individuals and institutions have the skills and opportunities to perform their roles in the digital world **independently, autonomously, and securely.**

”



Menu

WirtschaftsWoche

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TRUMP'S NEXT ESCALATION

US company Maxar blocks Ukraine access to satellite imagery

The USA deny Ukraine access to satellite images. Even beyond military use, operators are continuing to restrict access to such data.

Thomas Stölzel
08.03.2025 - 09:30 am




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heise+ IT & Tech Künstliche Intelligenz Security Developer Entertainment Wissen

Criminal Court: Microsoft's email block a wake-up call for digital sovereignty

Microsoft blocked the email account of Chief Prosecutor of the International Court of Justice after Trump's sanctions. Critics: "We urgently need alternatives."



The International Criminal Court in The Hague. (Image: ICC)

May 19, 2025 at 8:52 am CEST 4 min. read

By [Stefan Krempf](#)

Microsoft is increasingly coming under fire for blocking the email account of the chief prosecutor of the International Criminal Court (ICC), Karim Khan. US President Donald Trump sanctioned the court in The Hague in February after a panel of ICC judges issued arrest warrants against Israeli Prime Minister Benjamin Netanyahu and his former Defense Minister Yoav Gallant for war crimes in the Gaza Strip in November.

The court is virtually paralyzed in its work as a result, writes the AP news agency. One reason for this is that it is heavily dependent on service providers such as Microsoft. They had restricted their work for the court because they feared being targeted by the US authorities.

DigitalHub

SH



Donald J. Trump
@realDonaldTrump

As the President of the United States, I will stand up to Countries that attack our incredible American Tech Companies. Digital Taxes, Digital Services Legislation, and Digital Markets Regulations are all designed to harm, or discriminate against, American Technology. They also, outrageously, give a complete pass to China's largest Tech Companies. This must end, and end NOW! With this TRUTH, I put all Countries with Digital Taxes, Legislation, Rules, or Regulations, on notice that unless these discriminatory actions are removed, I, as President of the United States, will impose substantial additional Tariffs on that Country's Exports to the U.S.A., and institute Export restrictions on our Highly Protected Technology and Chips, America, and American Technology Companies, are neither the "piggy bank" nor the "doormat" of the World any longer. Show respect to America and our amazing Tech Companies or, consider the consequences! Thank you for your attention to this matter.
DONALD J. TRUMP, PRESIDENT OF THE UNITED STATES OF AMERICA

8.15k ReTruths 33.2k Likes

Aug 26, 2025, 2:31 AM



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AI in the children's room

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Home > News > Software & development > America First on the Internet: US authorities calls on tech giants to disregard EU laws

NEWS

Don't miss any news!

America First on the Internet: US authorities calls on tech giants to disregard EU laws

The US Federal Trade Commission tells Apple, Google, Meta and Co that they do not necessarily have to comply with the EU platform regulation Digital Services Act.

By OnlineMarketing.de Editor

01.09.2025, 13:00 4 min.

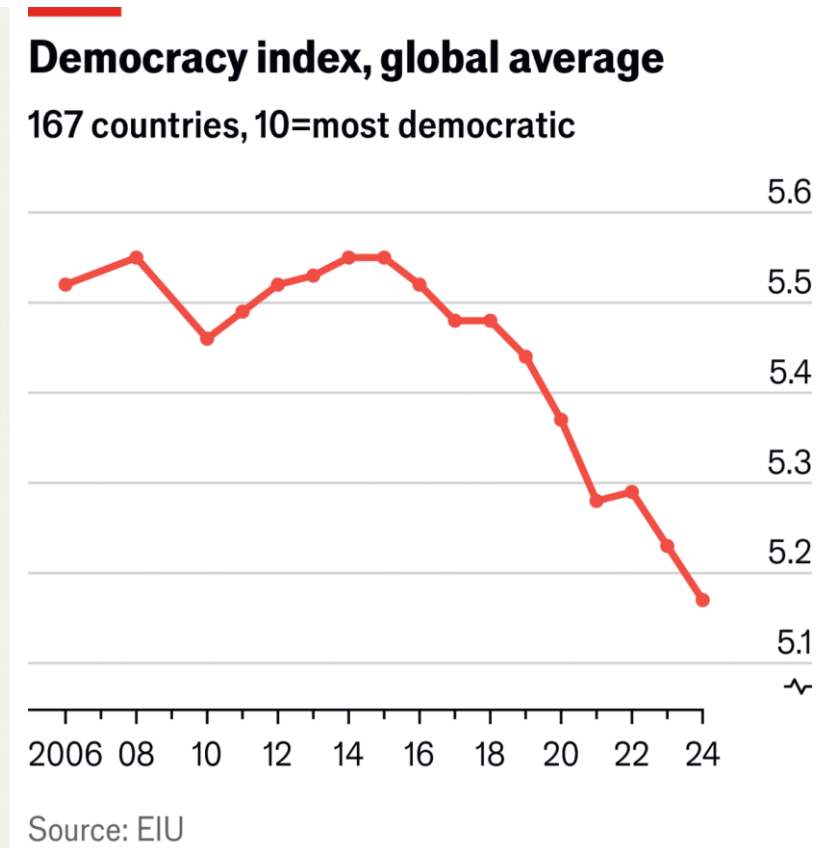
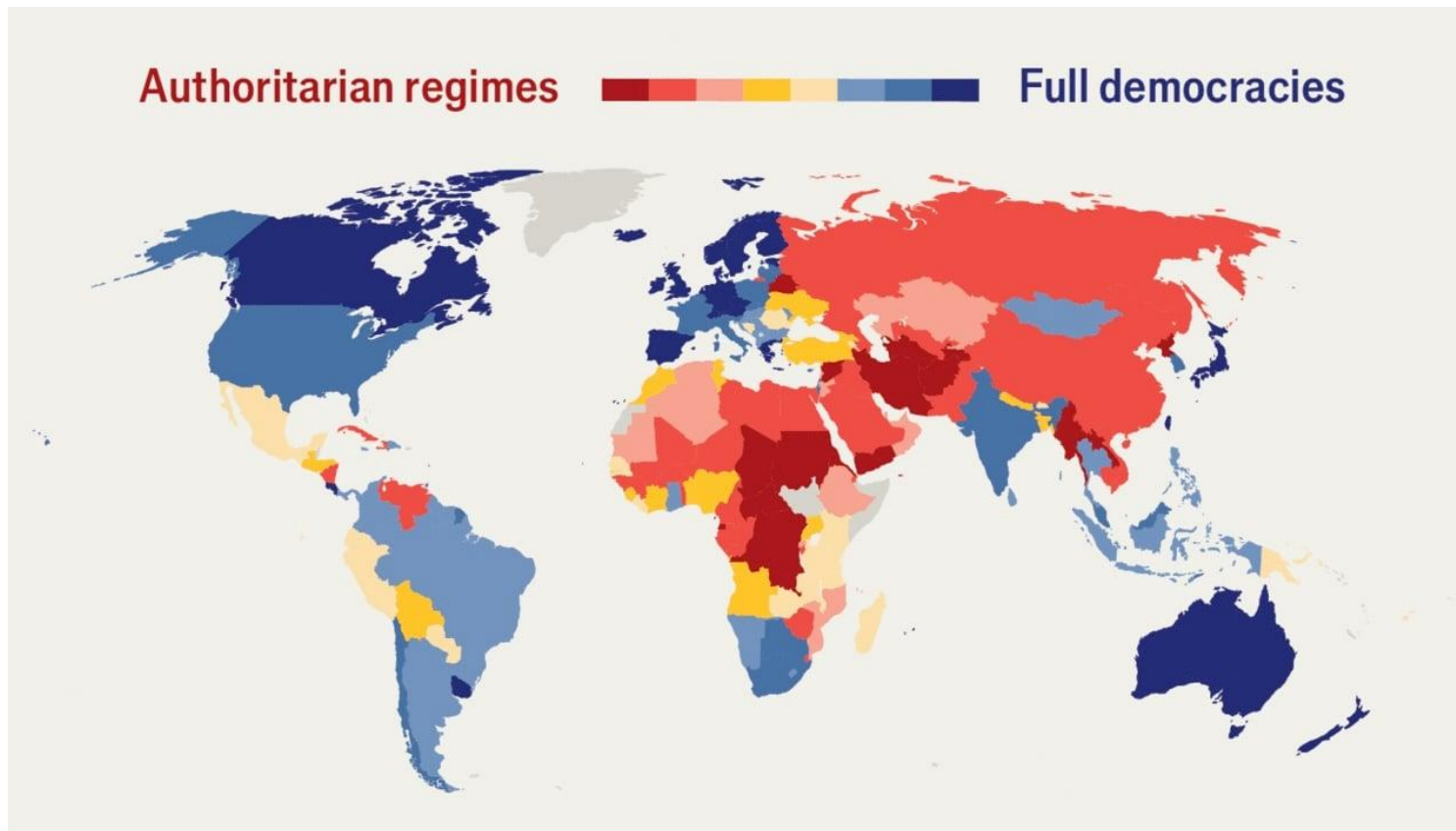


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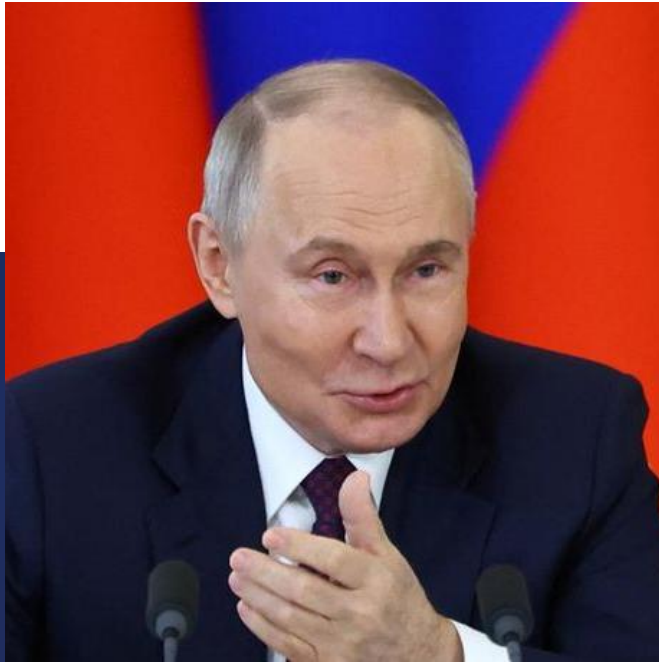
106 jobs

TOP Engineering Manager /



Democracy Index – www.economist.com

Our Open Source Sales



External Sales Manager



Business Development
Manager

ECONOMY | EUROPE

Schleswig-Holstein wants to get away from Big Tech

Insa Wrede
20.06.2025

From Word and Excel to LibreOffice: Danish ministry says goodbye to Microsoft

All employees at the Danish Ministry of Digital Affairs are to work without Microsoft. Instead, Linux and LibreOffice will be used, says the minister.

France Becomes First Government To Endorse UN Open Source Principles

06 May 2025 | News

Open source software becomes more relevant in Switzerland

By Katharina Jochum, 26. June 2024 at 16:04

BY LINUX

Munich decides on open source preference for administration

Despite the completed [Linux](#) project, the Munich city council now wants to prefer [open source software](#) in administration again.

“At its Open Source Summit in Amsterdam, the Linux Foundation (LF) called for the EU more efforts to finally advance Europe's digital sovereignty. While **open source** technology **is widespread, appreciated and essential** for digital sovereignty, there is still a **lack of coherent strategies, targeted investment, leadership engagement** and **political alignment** in the EU. Gabriele Columbro, head of the LF EU, warned how to promote EU autonomy with "global digital commons" and secure a place in the global technology competition.”

www.heise.de

A decorative graphic on the left side of the slide, consisting of a complex network of white lines and dots on a dark blue background, resembling a circuit board or a digital network.

Public money,
public code.

A still from the Star Wars franchise featuring Obi-Wan Kenobi. He is standing in a dark, rocky landscape with a large, bright orange lava flow in the background. He is wearing his signature brown Jedi robes and has a determined expression on his face. He is holding a blue lightsaber in his right hand, which is extended forward. The scene is dramatically lit, with the lava providing a strong light source.

IT'S OVER ANAKIN!

I HAVE THE HIGH GROUND!



Digital sovereignty through the use
of free and open interfaces,
standards, and software.



**IT in public administration is a
business-critical component, and its
functionality is systemically
important.**

Legislative



Makes Laws

Executive



Carries out Laws

Judicial



Evaluate Laws

federal level



Defence



Energy production



Taxes

state level



Disaster Prevention



Education



Traffic

local authorities



Hospitals



Public transport



Garbage Collection



Open government: the principle of transparent, participatory, and collaborative government and administrative action.

Key attributes of good governance

The Human Rights Council has identified these key attributes:

- **Transparency**
- Responsibility
- Accountability
- **Participation**
- Responsiveness

Search for datasets

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from 03.09.2025 State of Schleswig-Holstein

Ministry of Justice and Health

Bathing water measurements

Categories: Education, Culture and Sports Health Environment

CSV

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Published: 06.01.2020

03.09.2025 State of Schleswig-Holstein

nah.sh

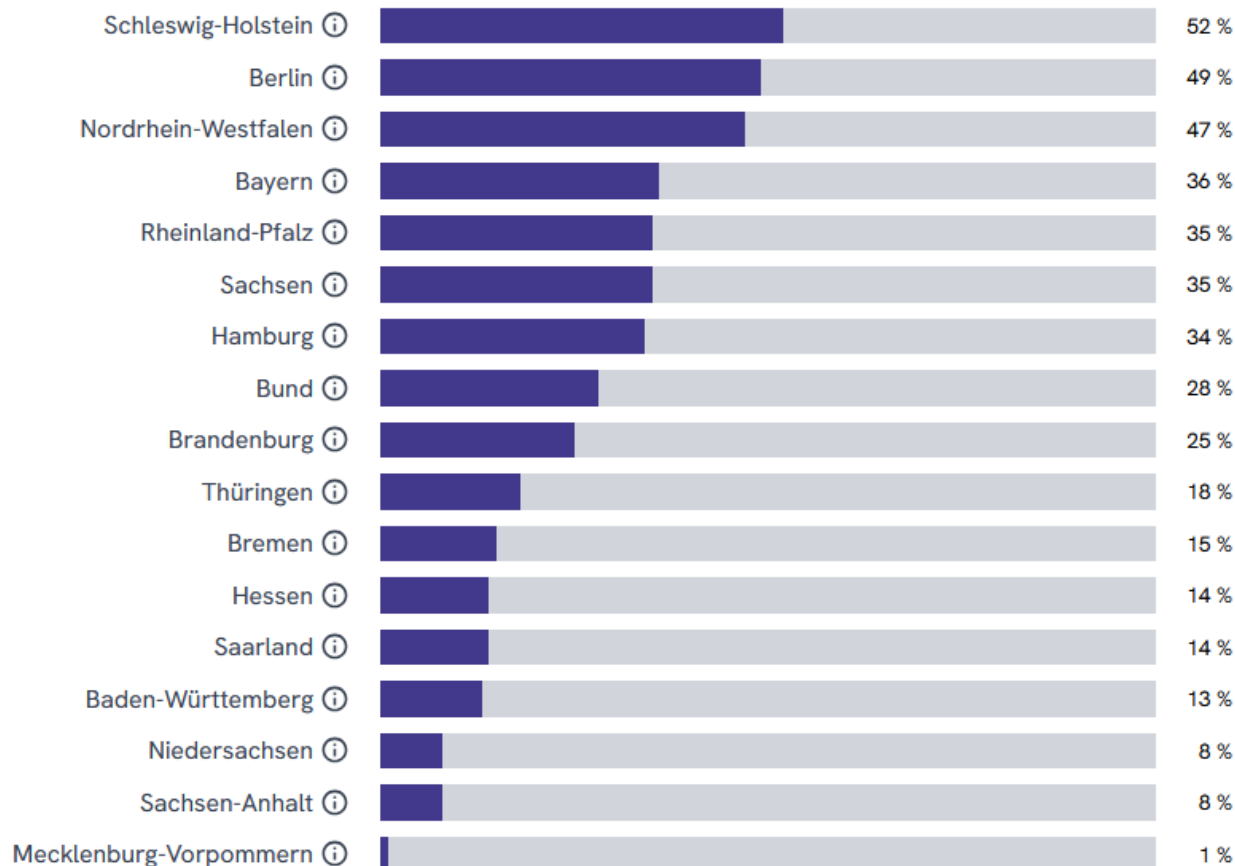
Schedule data

Category: Traffic

GTFS

Published: 11.12.2022

Open Data Ranking Deutschland 2025





Protection of sensitive data through data protection and information security.

Which Data Will Officials Happily Share with the World?



resident registration data

Information on place of residence, date of birth, nationality, etc.



tax data

Data on taxpayers, tax returns, and tax payments



voter registry

Data on eligible voters and their participation in elections.



vehicle registration data

Information about registered vehicles and their owners.



school and education data

Student and teacher data, as well as information on educational qualifications.



economic data

Business start-ups, grants, subsidies, etc.



crime statistics

Recorded crimes, crime scenes, perpetrators, and victims.



health data

Health information from patients and medical institutions.



public contracts Aufträge

Data on public contracts advertised and awarded



Cost control and economic sustainability.

Fossile Brennstoffe: So viel bezieht Deutschland aus Russland

*So viel Prozent der Gesamteinfuhren des jeweiligen Energieträgers importierte
Deutschland im Jahr 2020 aus Russland*



Quellen: Bundesamt für Wirtschaft und Ausfuhrkontrolle,
Bundesministerium für Wirtschaft und Klimaschutz, BP
© 2022 IW Medien / iwd

iwd

Fossile Brennstoffe: So viel bezieht Deutschland aus Russland

So viel Prozent der Gesamteinfuhren des jeweiligen Energieträgers importierte
Deutschland im Jahr 2020 aus Russland



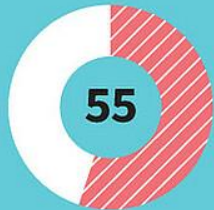
Erdgas



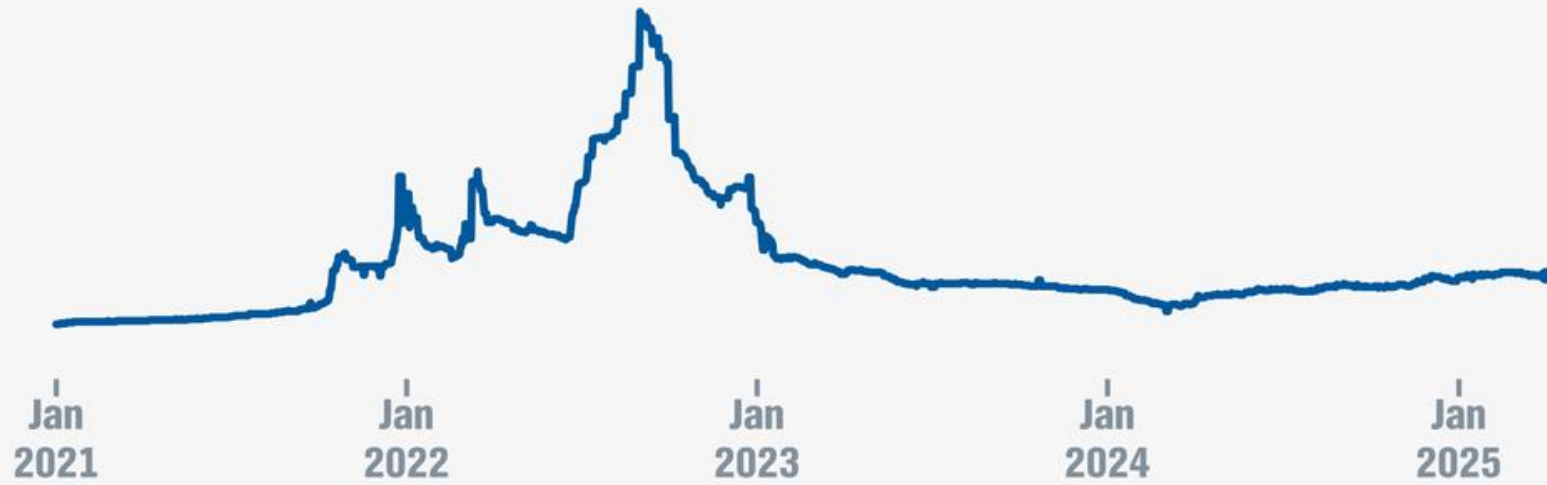
Steinkohle



Erdöl



Quellen: Bundesamt für Wirtschaft und
Bundesministerium für Wirtschaft und
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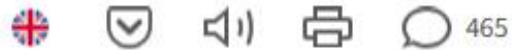


Stand: 02.04.2025

Quelle: NDR.de

Bis zu 40 Prozent teurer: Microsoft plant saftige Preiserhöhungen

Für diverse Microsoft-365-Produkte müssen Kunden bald tiefer in die Tasche greifen. Für Copilot führt der Konzern eine monatliche Abrechnung ein.

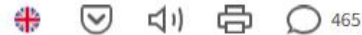


(Bild: StockStudio/Shutterstock.com)

15.11.2024, 17:33 Uhr Lesezeit: 3 Min.

Bis zu 40 Prozent teurer: Microsoft plant saftige Preiserhöhungen

Für diverse Microsoft-365-Produkte müssen Kunden bald tiefer in die Tasche greifen. Für Copilot führt der Konzern eine monatliche Abrechnung ein.



Gebühren für Java

Oracle bringt Kunden gegen sich auf

Ohne Java geht im Internet nicht viel. Mit einem neuen Lizenzmodell hebt Anbieter Oracle die Gebühren für die Technologie massiv an – und zieht den Ärger der Kunden auf sich.

Christof Kerkmann
15.09.2023 - 13:45 Uhr

Artikel anhören nicht verfügbar



Softwarekonzern

SAP-Wartung wird teurer – Weitere Preiserhöhungen geplant

Updates für Softwareinstallationen kosten SAP-Kunden künftig mehr. Es dürfte nicht die letzte Preiserhöhung sein. Vorstandschef Klein folgt damit einem Kalkül.

Philipp Alvares de Souza Soares, Christof Kerkmann
28.07.2023 - 10:49 Uhr

Artikel anhören nicht verfügbar



IT-BUSINESS

Personalien Markt & Analyse Technologien KI Security Best Practice Channel Fokus Events Mediathek

Markt & Analyse > Hersteller > IBM-Software: Dramatischer Anstieg der IT-Kosten für deutsche Unternehmen

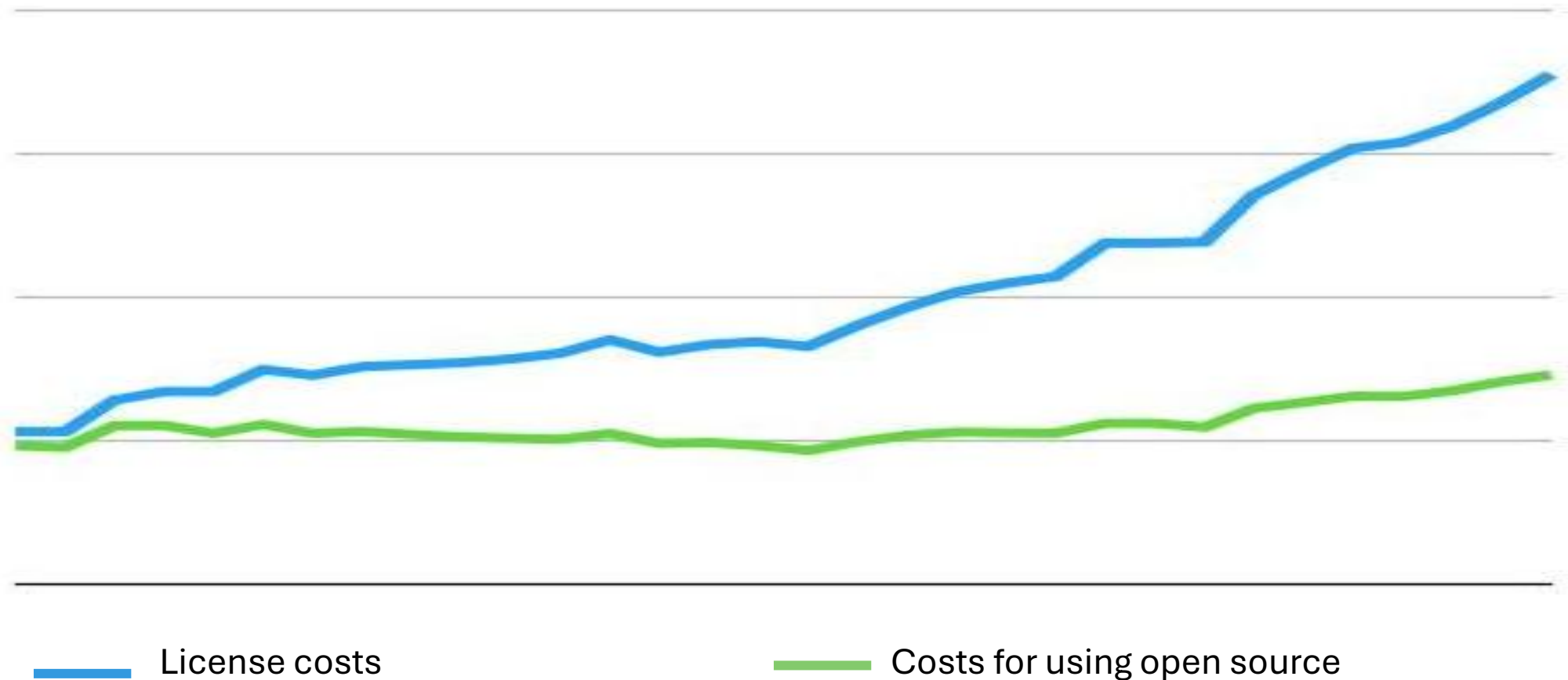
„IBMflation“ – jährliche Analyse von Bückner

IBM-Preise verdoppeln sich: Erhebliche Belastung für deutsche Wirtschaft

10.03.2025 · Von Paula Breukel · 2 min Lesedauer ·

Während deutsche Unternehmen im zweiten Rezessionsjahr stecken, steigen die IT-Kosten dramatisch. Die Preise der IBM-Software verdoppeln sich und so auch der Aktienkurs. Und: Unternehmen müssen mit weiter steigenden Preisen rechnen.

Expected difference in cost development



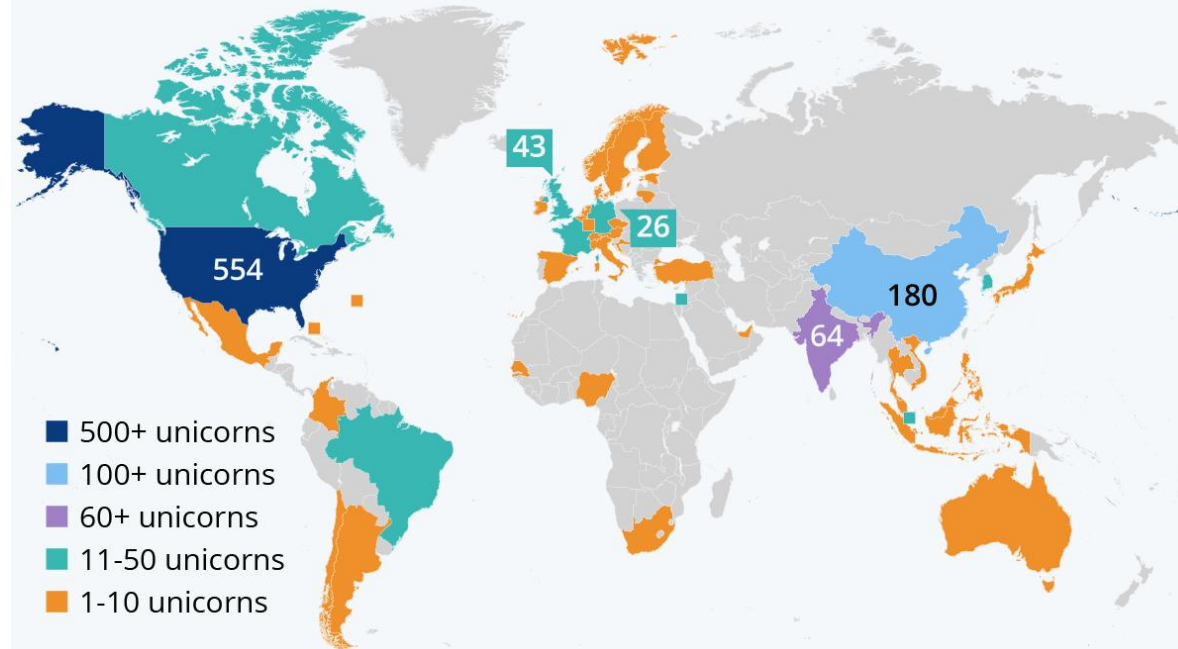


**Promotion of open innovation,
economic growth and technological
progress.**

Global Unicorn Herd Now Counts 1,000+ Companies



Number of privately held, up-and-coming companies with a valuation of \$1 billion or more, per country



- 500+ unicorns
- 100+ unicorns
- 60+ unicorns
- 11-50 unicorns
- 1-10 unicorns

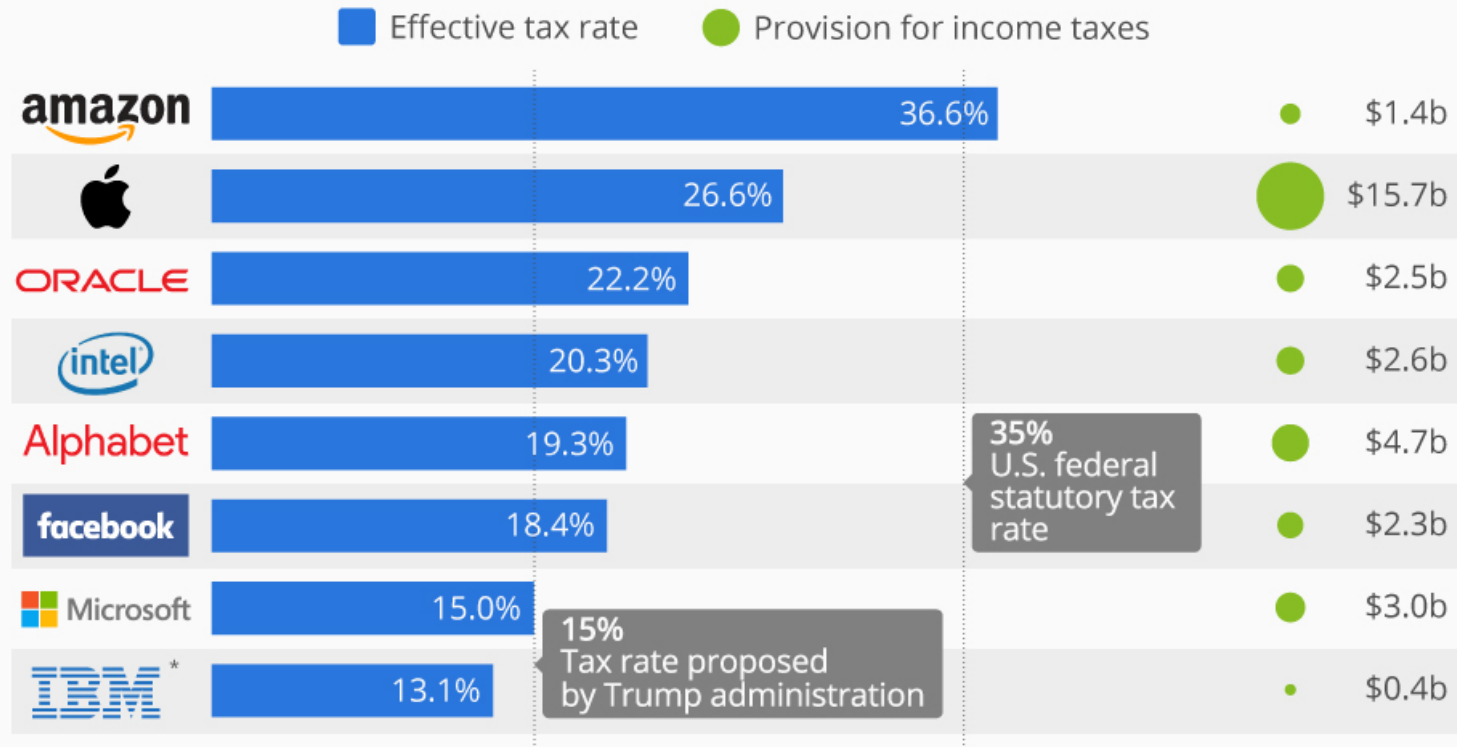
As of March 30, 2022
Source: CB Insights



statista

How Much Taxes Do U.S. Tech Giants Actually Pay?

Effective tax rate paid by U.S. tech companies in the latest fiscal year



@StatistaCharts

* excluding benefits resulting from the favorable resolution of a long standing tax issue in Japan, which reduced IBM's effective tax rate for 2016 to 3.6 percent

Source: Company filings

statista

**10% in contributions to Open Source
Software in the EU**

=

0.4% to 0.6% GDP

+

more than 600 additional ICT start-ups

Shaping Europe's digital future

[Home](#) | [Policies](#) | [Activities](#) | [News](#) | [Library](#) | [Funding](#) | [Calendar](#) | [Consultations](#) | [AI Office](#)[Home](#) > [News & Views](#) > Commission publishes study on the impact of Open Source on the European economy

PRESS RELEASE | Publication 06 September 2021

Commission publishes study on the impact of Open Source on the European economy

The Commission has published the results of a study analysing the economic impact of Open Source Software and Hardware on the European economy.

It is estimated that companies located in the EU invested around €1 billion in Open Source Software in 2018, which brought about a positive impact on the European economy of between €65 and €95 billion.

The [study](#) predicts that an increase of 10% in contributions to Open Source Software code would annually generate an additional 0.4% to 0.6% GDP, as well as more than 600 additional ICT start-ups in the EU. Case studies reveal that by procuring Open Source Software instead of proprietary software, the public sector could reduce the total cost of ownership, avoid vendor lock-in and thus increase its digital autonomy.

The study gives a number of specific public policy recommendations aimed at achieving a digitally autonomous public sector, open research and innovation enabling European growth, and a digitised and internally competitive industry. In the long-term, the findings of the study may be used to reinforce the open source dimension in the development of future software and hardware policies for the EU industry.

Moreover, since October 2020 the Commission has its own new [Open Source Software Strategy 2020-2023](#), which further encourages and leverages the transformative, innovative and collaborative potential of open source, in view of achieving the goals of the overarching [Digital Strategy of the Commission](#) and contributing to the [Digital Europe programme](#). The Commission's Strategy puts a special emphasis on the sharing and reuse of software solutions, knowledge and expertise as well as on increasing the use of open source in information technologies and other strategic areas.



GettyImages

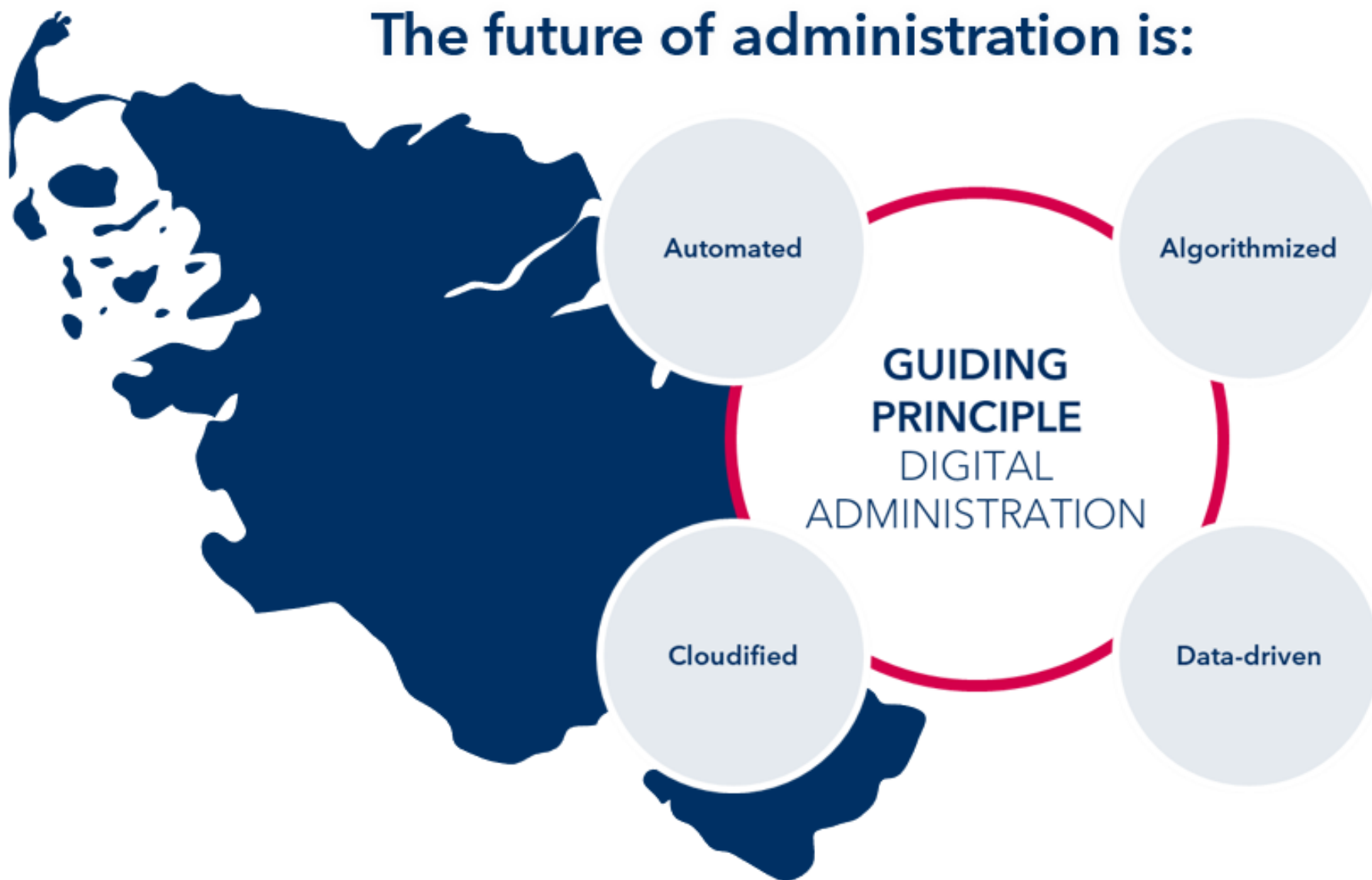
See also[Study about the impact of open source software and hardware on technological in...](#)**Related topics**[eGovernment, Trust services and eID](#)[Cloud Computing](#)[Advanced Digital Technologies](#)[Internet of Things](#)[Next Generation Internet](#)

Unique geographical location

At the northernmost part of Germany



The future of administration is:





„With the help of open-source software, public and non-profit organizations are able to act more flexibly and with digital sovereignty.“

Dirk Schrödter
Minister for Digitalization and
Head of the State Chancellery Schleswig-Holstein

From decision to implementation

2020

- Decision made in state parliament
- Use of open source software
- Securing the country's digital sovereignty
- “Multi-vendor strategy”



2025

- Digital sovereignty anchored in strategy
- Standard document format is ODF
- Introduction of LibreOffice
- OSPO SH established
- Support programs launched in the state
- ...

Dedicated Open innovation and open source strategy

- Published in November 2024
- Call for open innovation and open source solutions
- Guidelines and framework conditions for operational implementation



Digitally sovereign workplace

Linux
workstation:
operating
system and
infrastructure

Use of Libre
Office

web-based
workstations for
collaboration

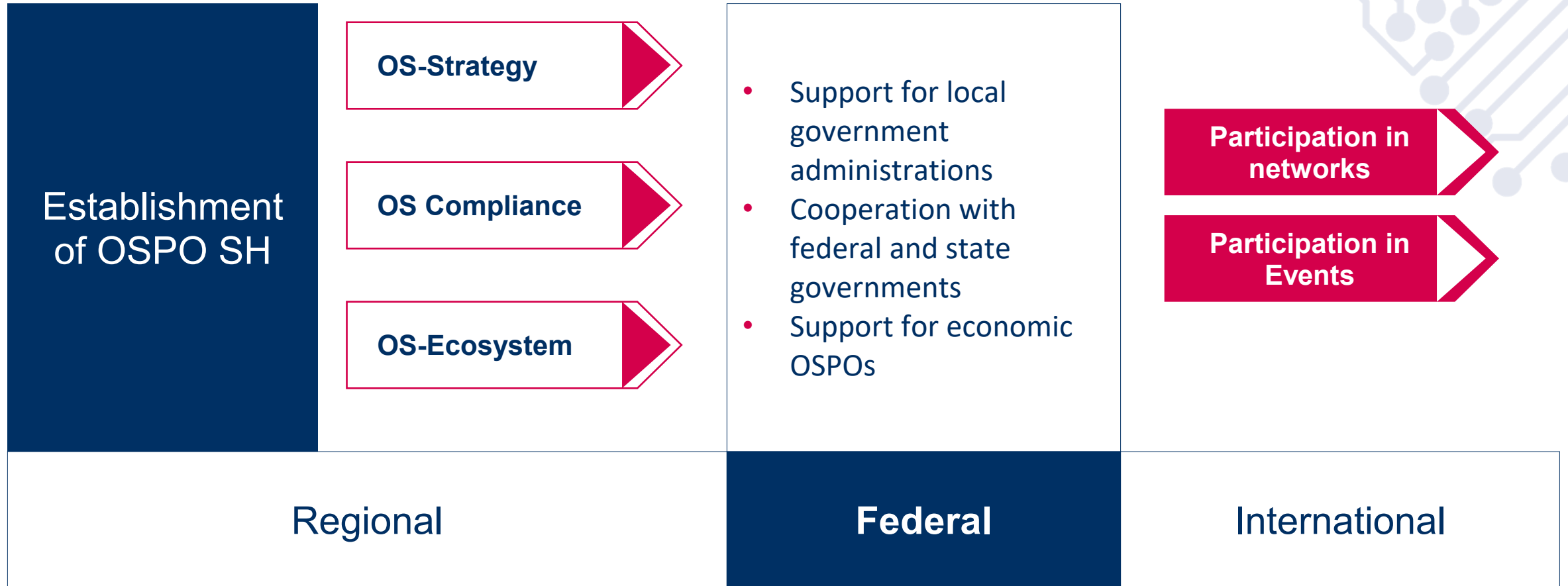
Open source
identity
management
and directory
service

Technical
process:
platform-
independent
compatibility

Open source-
based
telephony

Open Innovation any Open Source Strategy

OSPO in Schleswig-Holstein: Strategically shaping open source



Influence where it works

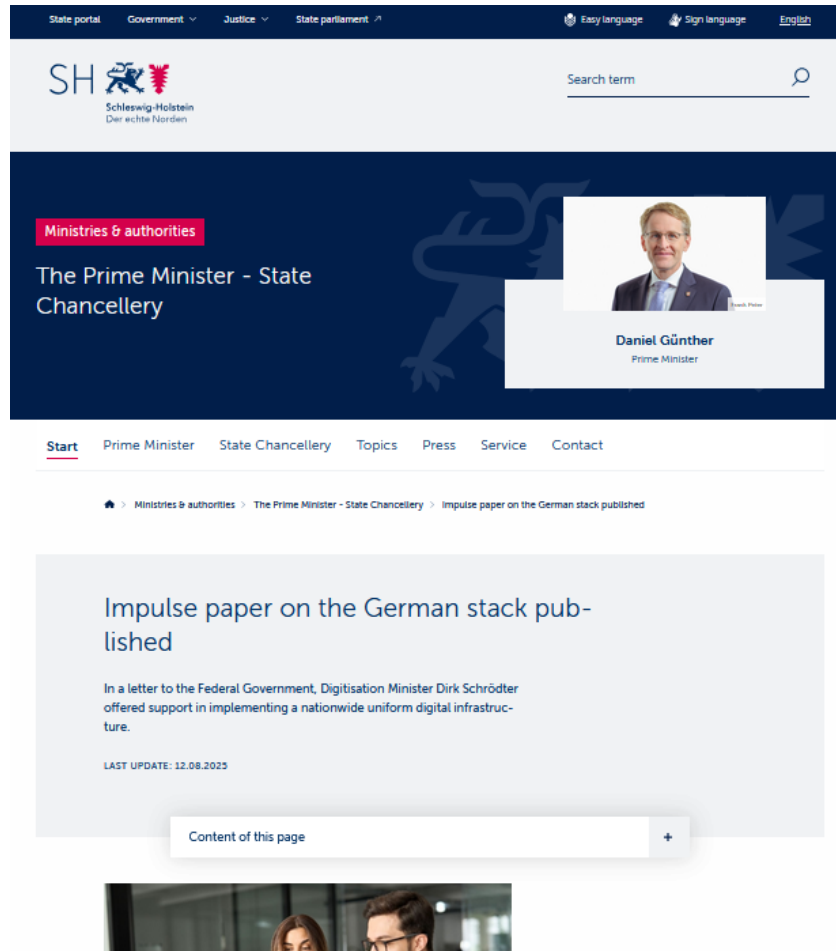
Introduction of **open exchange formats** for the **cross-border exchange** of documents at the request of Schleswig-Holstein

"The DMK notes that open exchange formats are necessary for nationwide cooperation. Open formats and open interfaces are an important building block for the necessary transformation process of public administration in Germany on the path to greater digital sovereignty. (...)"

The DMK advocates that the open exchange format Open Document Format (ODF) be used increasingly and become the defined standard for document exchange from 2027 onwards. (...)"

DMK
D I G I T A L
M I N I S T E R
K O N F E R E N Z
B E R L I N
B R A N D E N B U R G
2 0 2 3 - 2 0 2 4

Use your opportunities to set the agenda



<https://www.egovernment.de/deutschland-stack-schleswig-holstein-legt-impulspapier-vor-a>

[Deutschland-Stack: Schleswig-Holstein legt Impulspapier vor](#)

14.08.2025 ... Schleswig-Holstein hat ein Fachtreffen mit Akteuren der Digitalwirtschaft zur Entwicklung des Deutschland-Stacks organisiert und die ...

<https://nextcloud.com/de/blog/schleswig-holstein-gibt-dem-deutschland-stack-ein-klares>

[Schleswig-Holstein gibt dem Deutschland-Stack ein klares Profil](#)

20.08.2025 ... Mit einem neuen Impulspapier gibt Schleswig-Holstein der Debatte um den Deutschland-Stack frischen Schwung. Die im Koalitionsvertrag der ...

<https://osb-alliance.de/featured/mit-open-source-zum-erfolg-impulspapier-deutschland-sta>

[Impulspapier mit Vorschlägen für den Deutschland-Stack ...](#)

18.08.2025 ... Das Digitalministerium von Schleswig-Holstein hat ein Impulspapier veröffentlicht, in dem konkrete Umsetzungsvorschläge für den von der ...

<https://social.bund.de/@zendis/115027267166651737>

[Zentrum Digitale Souveränität \(@zendis@social.bund.de\)](#)

14.08.2025 ... Schleswig-Holstein legt ein Impulspapier zum "Deutschland-Stack" vor, in dem openCode als zentrale Entwicklungs- und Beteiligungsplattform ...

Establish open source across the society



Public Organizations



Civil Society



Economy



Since Dec 2023

Our state program for open innovation

- Projects should address **specific needs** and **sustainable solutions**
- They should make a **clear contribution** to the open source community through innovation or significant further development.
- Publication takes place on **Open CoDE** under a recognized **free license** with the clear aim of reuse.
- The sketches address a **real need** with a **clear schedule, action plan**, and **cost estimate** for development, implementation, and long-term operation.

A white silhouette map of Schleswig-Holstein is set against a dark blue background. Numerous red location pins of varying sizes are scattered across the map, indicating the locations of participating institutions.

63

Participating institutions

from all over Schleswig-Holstein

Stadt Flensburg | IHK Flensburg | Mrija Flensburg e.V. |
Amt Süderbrarup Smart City | Amt Viöl | Kreisjugendring
Schleswig-Flensburg e. V. | Kreis Nordfriesland |
Finanzamt Nordfriesland | Breitbandzweckverband der
Ämter Dänischenhagen, Dänischer Wohld und Hüttener
Berge | Amt Eiderstedt | FH Westküste | Stadt Rendsburg |
PARITÄTISCHER Wohlfahrtsverband Schleswig-Holstein e.
V. | Akademie für die Ländlichen Räume Schleswig-
Holsteins e.V. | Koordinierungsstelle soziale Hilfen der
schleswig-holsteinischen Kreise - AöR | IT-Verbund
Schleswig-Holstein AöR | Landeshauptstadt Kiel | FuE FH
Kiel | StartUp SH | KielRegion GmbH | FH Kiel | Aktion
Kinder- und Jugendschutz Landesarbeitsstelle Schleswig-
Holstein e.V. | Stadt Schwentinental | Stadt Neumünster |
WandelGut GmbH | ...

14 „new“ open source projects

Initiated by our program in 2024 with a total volume of € 3 million

- Development of a digital start-up and follow-up center
- Software for sports tournaments and races to digitize a coastal regatta
- AI application for summarizing funding guidelines
- AI-supported digitalization of urban land-use plans
- Simplified - accounting software solution for clubs
- Conversion and introduction of a proprietary document management system
- Mrija Manager - solution for the event management of associations
- Digital infrastructure management/network documentation
- Smart community calendar for municipalities
- KiQuiP - Solution to support quality officers in daycare centers
- Firemon - Decentralized communication in the event of a crisis
- Digital specialist documentation for early help
- Expansion to include member management for the SH association cloud
- Software to strengthen regional agricultural producers

**Call for
Concept
2025
currently
running**

Electronic Case File

Development of a scalable digital document management system (DMS)

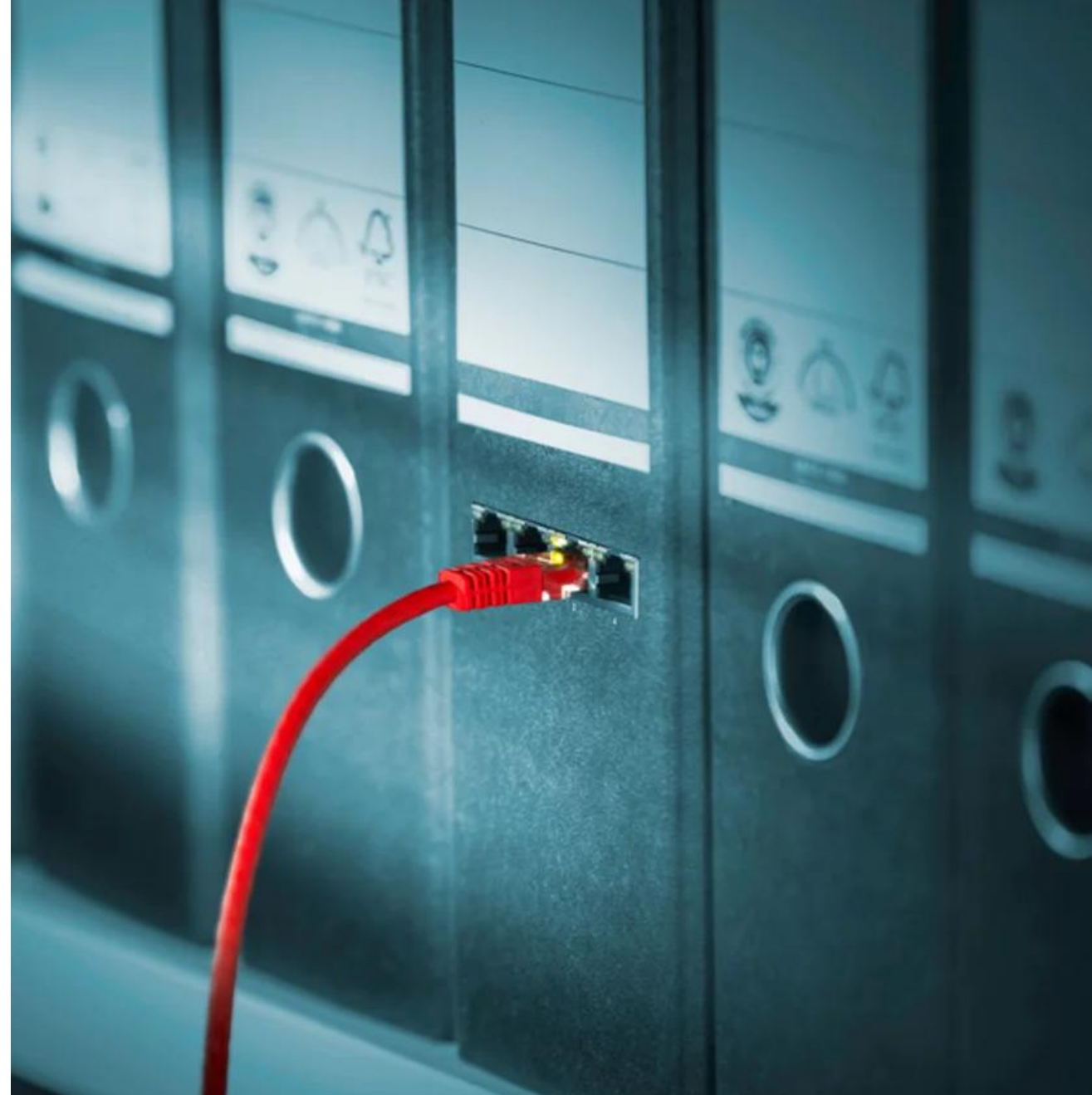
What problem is being solved?

- High time loss due to paper-based and inefficient administrative processes.
- Lack of storage options makes it difficult to comply with retention obligations.

What does the new solution offer?

- Further development of an existing proprietary solution into an open-source-solution
- Simplification of collaboration and cooperation within the association

Involved project partners:



Firemon 112

Decentralized communication in crisis

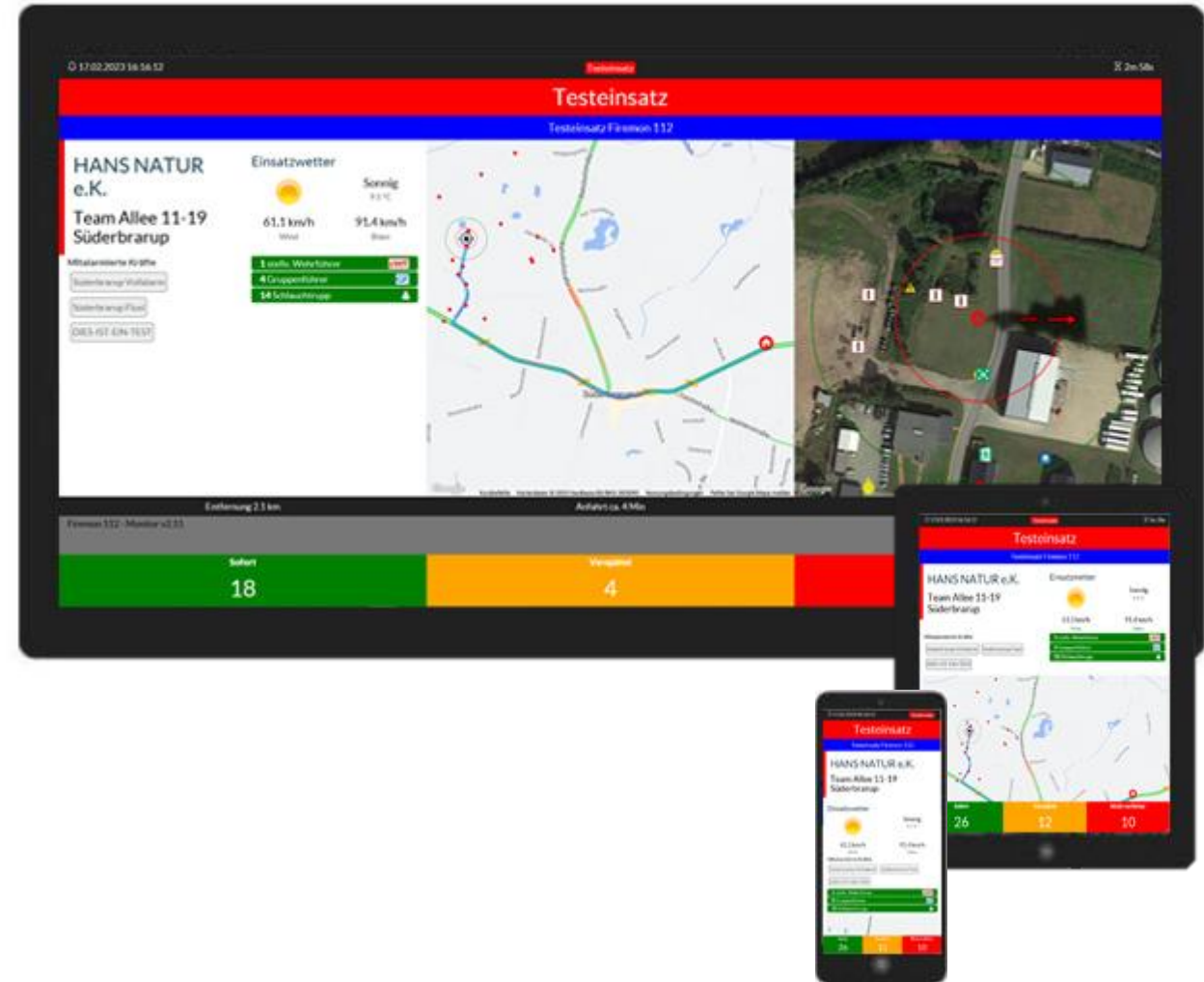
What problem is being solved?

- Fragmented and inefficient communication among volunteer fire departments, e.g., via WhatsApp
- Complex documentation afterward and serious data protection concerns regarding communication

What does the new solution offer?

- Secure and centralized real-time communication
- Automated mission documentation
- Stable operational readiness even without a network
- Offline maps for navigation and planning

Involved project partners:



New Funding: Open source in companies

- We use European funding to helping to **Start OSPOs**.
- We focus on **small and medium-sized companies in SH**.
- We provide dedicated support for **personnel costs for two years**





And more to come

We are **continuing** our **funding, projects,** and **networking activities.**

We consider **open source** solutions to be **infrastructure** (e.g. X-Road or Matrix).

We hope to find additional **partners** to drive this issue forward together.

We are not done yet.

Key takeaways

Open Source is **more than a technical migration** it's a **strategic, political, and cultural shift**.

- ❖ The time is now, use it.
- ❖ If you want to change minds, don't outsmart them.
- ❖ Focus on the right direction, not on pure doctrine.
- ❖ Unite with the right people to amplify your impact.



DigitalHub.SH

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🌐 www.digitalhub.sh

📍 Lorentzendamm 24, 24103 Kiel

