European Resilience Summit 2025

Resilience through Collaboration: A Federated Europe

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eco – Association of the Internet Industry

- Non-for-profit association
- Representation of ecosystems of digital infrastructures and services
- ~1000 members from 70 countries
- Located in Cologne, Germany



30 years part of the Internet Industry



Expertise in Digital Infrastructures, Technologies, and Markets



Political Engagement in Germany, Europe and Worldwide



Engaged in Numerous Initiatives and Support Projects

Real-World Lessons

Suez Canal blockage caused Maersk to face $89M loss, increased CO2 emissions

RESEARCH & DEVELOPMENT

January 23, 2025, by Naida Hakirevic Prevljak

The 2021 Suez Canal blockage resulted in a loss of nearly $89 million for Danish shipping giant Maersk Line, a new study found.



Ever Given; Image credit: Boskalis

The study, titled *"The costs of maritime supply chain disruptions: The case of the Suez Canal blockage by the 'Ever Given' megaship"*, was conducted by a European research team in collaboration with the School of Business, Economics and Law at the University of Gothenburg. As explained, the methodology can also be used to analyze the crisis in the Red Sea.

https://www.offshore-energy.biz/suez-canal-blockage-caused-maersk-to-face-89m-loss-increased-co2-emissions/

BUSINESS INSIDER

ENTERPRISE

How hackers breached IT company SolarWinds and staged an unprecedented attack that left US government agencies vulnerable for 9 months

By Aaron Holmes



Thomas Trutschel/Photothek via Getty Images

Dec 14, 2020, 6:01 PM MEZ

- Hackers compromised the software company SolarWinds and used its Orion software to spy on US government agencies and private companies for months, cybersecurity researchers said Monday.

https://www.businessinsider.com/solarwinds-hack-us-government-agencies-cisa-fireeye-microsoft-2020-12

euronews.

Latest Europe World EU Policy Business Travel Next Culture Green Health

Amazon internet service outage highlights EU's 'overwhelming reliance on Big Tech'



Amazon's AWS, Microsoft, and Google control around 70 per cent of Europe's cloud market.

Despite its name, cloud computing is not a distant technology in the sky made up of water vapour. It is on ground level – and its problems can cause global issues, taking down banking platforms, government websites, social media, and food delivery services.

https://www.euronews.com/next/2025/10/21/amazon-internet-service-outage-highlights-eus-overwhelming-reliance-on-big-tech

Cyber attacks in healthcare: the position across Europe



18 Jun 2021, 2:48 pm

Follow Health

Innovation in digital healthcare will test the measures healthcare providers have in place to protect their systems and data.

Growth in telemedicine and other digital care services has been accelerated as a result of the Covid-19 pandemic and is expected to continue rising. This means there is a greater need than ever for healthcare businesses to take steps to protect themselves.

European Commission

EN

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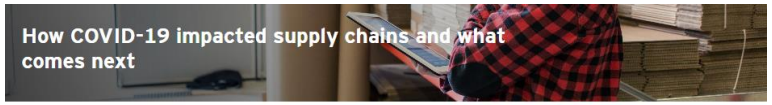
Home > Topics > Energy > EU action to address the energy crisis

https://commission.europa.eu/topics/energy/eu-action-address-energy-crisis_en

EU action to address the energy crisis

Russia's unjustified military aggression against Ukraine and its weaponisation of gas supplies have provoked an unprecedented energy crisis for the EU. This has led to sharp rise in energy prices and brought hardship for Europeans.

In response, the EU implemented emergency measures in 2022, to stabilise the energy prices and ensure access to gas supply during the winter. Looking ahead the Commission is now focusing on addressing persistently thigh energy costs that impact EU citizens and businesses. To this end, in February 2025 the Commission presented a new action plan aimed at reducing energy costs, completing the energy union, attracting investments and enhancing preparedness for potential energy crises.



Research shows severe disruption through the pandemic is driving enterprises to make their supply chains more resilient, collaborative and networked.

https://www.ey.com/en_sa/insights/supply-chain/how-covid-19-impacted-supply-chains-and-what-comes-next

Digital Resilience: What it means

- The capacity of a system to anticipate, withstand, recover from, and adapt to disruption.
  - Redundancy
  - Recovery Capabilities
  - Cybersecurity
  - …
- Resilience means having a Plan B – and maybe even a Plan C. The Federated Approach gives Europe that flexibility

Where we stand

- European digital fragmentation → multiple national strategies, limited interoperability, many providers
- Dependence on hyperscaler infrastructure & cloud provider
- Growing risk (cyber threats, supply chain disruption, data exploitation, geopolitical instability)

The Paradox of Strength:
Resilience isn't just about "being strong alone" but "being strong together" — federated means you retain sovereignty + you gain collective strength.

What „A Federated Europe“ could looke like

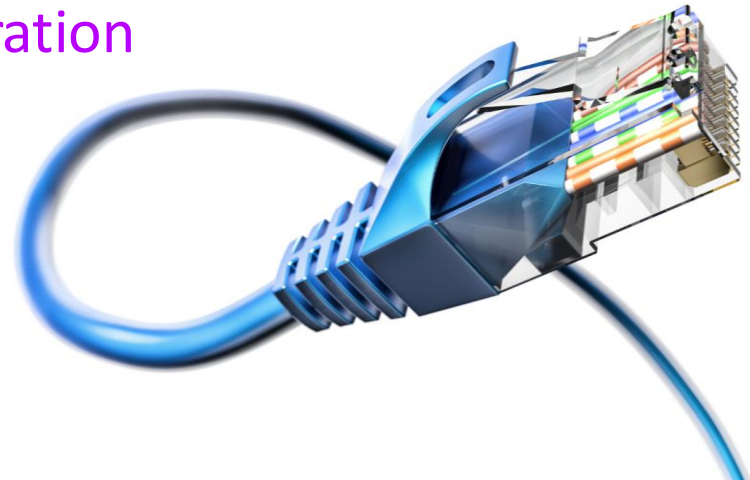
- Local control, European strength through shared frameworks
- Federated Value Proposition
  - Resilience → when one node fails, the network adapts and carries on
  - Innovation → shared building blocks accelerate progress
  - Scale → Europe becomes a single digital market, not 27 islands
  - Act Sovereign → freedom to choose, being self-determined



The Internet:

A Living Example of Resilient Federation

- Born from the need for resilience → to withstand failure
- Decentralized, yet interoperable → No single authority „owns“ our controls the Internet
- Resilience through diversity → many nodes, many routes, many operators
- Governance by collaboration → all managed through multistakeholder collaboration



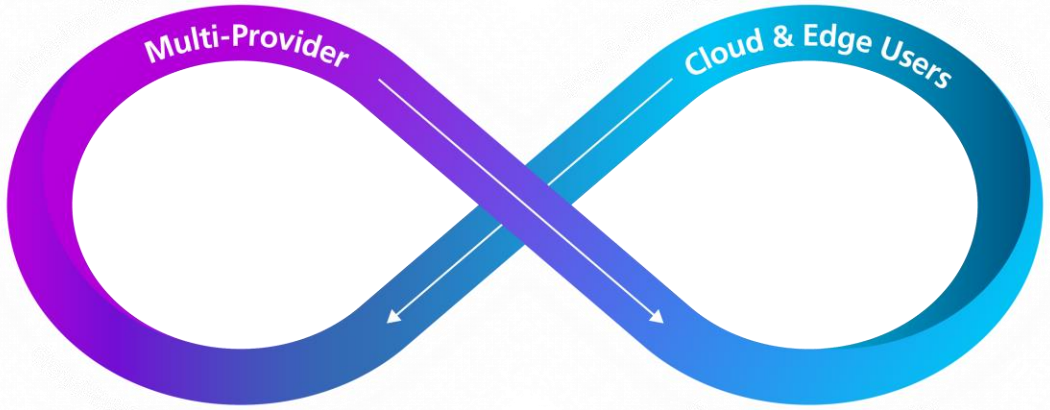
The Vision of Cloud Roaming

What if Europe´s digital services could move as freely as our mobile phones?

- Remember mobile phones before roaming?
  - Crossing a border meant: new SIM card, new contract, new rules
- Roaming changed everything
  - Your phone “just connects” anywhere in Europe
- Today’s cloud feels like pre-roaming mobile
  - Incompatible platforms, new contracts, vendor lock-in
- Cloud Roaming is the next leap
  - Services connect anywhere, automatically
  - Outages and borders stop mattering

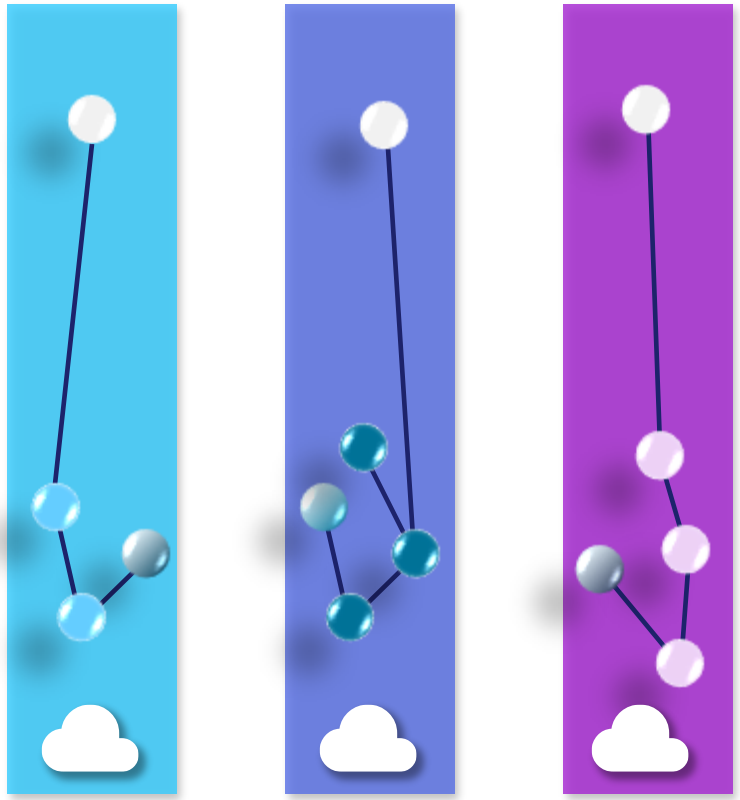


8ra enables the first-ever “Multi-Provider Cloud-Edge Continuum”



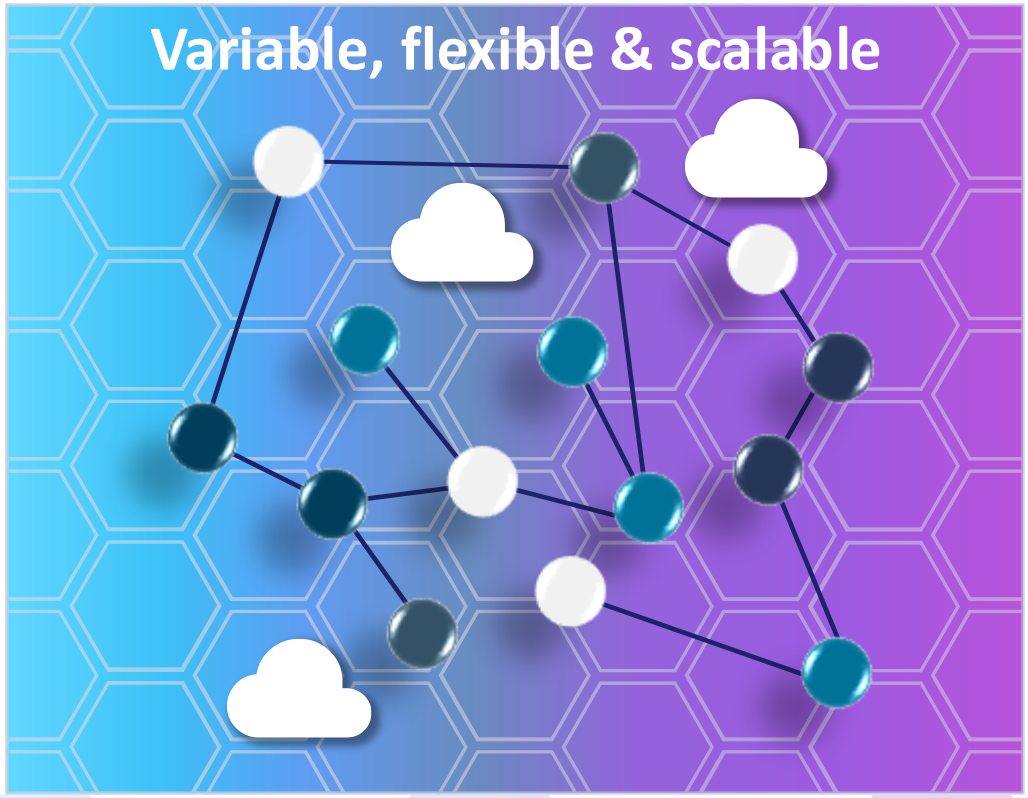
8ra is a paradigm shift through a unified, decentralised architecture that seamlessly integrates multiple providers, ensuring interoperability and scalability of services across borders and industries. This Multi-Provider Cloud-Edge Continuum builds on a common operating system, establishes a resilient, open and future-proof digital infrastructure.

Shift towards a next generation continuum



Today clouds are organised in technology silos

will evolve to…



Next generation of cloud & edge mesh

FACIS is one innovation project under the 8ra initiative.

It supports with adoption and scaling the operation of federated infrastructures.







PoC Presentation: Digital Collaboration by Federation

October 2, 2025

Get a visual and engaging overview of our Proof of Concept. Explore the presentation - a visual walk-through of secure, federated collaboration in aviation. It brings the key use cases and benefits to life.

Read More »



PoC: Specifications for Federated Collaboration in the Aviation Domain

October 2, 2025

This Proof of Concept showcases secure, federated collaboration across the aviation industry - from airlines to manufacturers. It highlights partner onboarding, service access with verifiable credentials, and many more.

Read More »

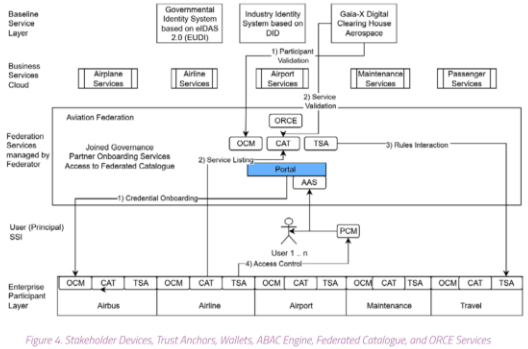


Figure 4. Stakeholder Devices, Trust Anchors, Wallets, ABAC Engine, Federated Catalogue, and ORCE Services

https://www.facis.eu/results/proof-of-concept-projects/

The Future Is Federated. And It Starts With Us.

- Shared Framework & Governance are foundational
- Interoperability & Open Standards = agility (you can switch, adapt, reroute)
- Cultural shift from control-based thinking to trust-based collaboration
- Shared Accountability

→ An evolution in mindset as much as in technology



Wake up Call!



Join us next year!

@

FOCIS CONNECT '26

Join us next year on June 9th & 10th in Berlin!

European Resilience Summit 2025

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Finanziert von der Europäischen Union
NextGenerationEU

Gefördert durch:
Bundesministerium für Wirtschaft und Energie
aufgrund eines Beschlusses des Deutschen Bundestages