



# The Perfect Plan B: Digital Autonomy with VNCIagoon

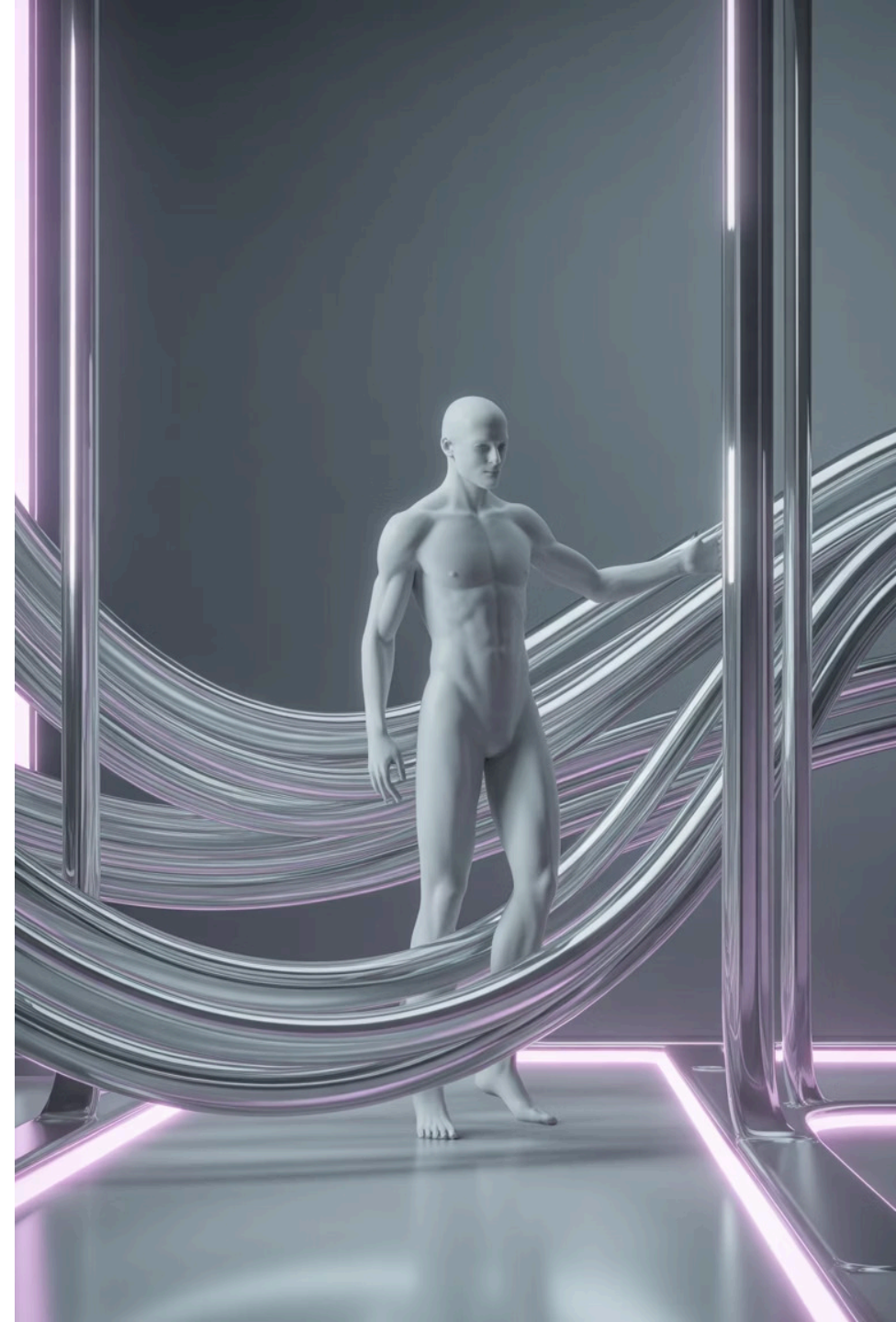
Secure, sovereign, and future-proof IT infrastructures for Europe

July 2026

# What is Digital Autonomy?

Digital autonomy describes the **comprehensive ability of individuals, organizations, and states to act independently and self-determinedly in the digital space**. It is crucial to ensure digital sovereignty and security.

- **Data Control:** The conscious decision about access to and use of one's own data.
- **Technological Independence:** The freedom to access a diverse technological base and not be dependent on individual providers.
- **Self-determination:** The right and ability to shape digital infrastructures and services according to one's own values and goals.



# Fundamental Rights in Digital Spaces – A Swiss Perspective

## Protection of Privacy (Art. 13 Cst.)

Comprehensive profiling, behavioral scoring, algorithmic control.

## Right to Life and Personal Liberty (Art. 10 Cst.)

Permanent tracking, dark patterns, opaque algorithms.

## Secrecy of Correspondence, Post and Telecommunications (Art. 13 Cst.)

Mass surveillance, data brokers, weak encryption.

## Freedom of Opinion (Art. 16 Cst.)

Filter bubbles, targeted disinformation, algorithmic de-prioritization, chilling effects through surveillance.

## Economic Freedom (Art. 27 Cst.)

Data-driven pre-screenings, opaque scoring systems, platform dependencies.

## Inviolability of the Home (Art. 13 Cst.)

Smart home sensors. IoT surveillance.

**Central Thesis:** A vibrant Swiss democracy, based on free will formation and direct citizen engagement, requires protected and manipulation-resistant digital spaces as well as individual control over digital life processes. Approaches such as Geneva's "Right to Digital Integrity" point the way. Without digital autonomy, the conditions for equal participation and effective exercise of fundamental rights are systematically distorted – the democratic substance erodes into a mere facade.

# Fundamental Rights in Digital Spaces - in Germany

## Human Dignity (Art. 1 GG)

Extensive profiling, behavioral scoring, algorithmic control.

## Development of Personality (Art. 2 Para. 1 GG)

Permanent tracking, dark patterns, non-transparent algorithms.

## Secrecy of Communications (Art. 10 GG)

Mass surveillance, data brokers, weak encryption.

## Freedom of Expression (Art. 5 GG)

Filter bubbles, targeted disinformation, algorithmic de-prioritization, chilling effects due to surveillance.

## Freedom of Occupation (Art. 12 GG)

Data-driven pre-screenings, opaque scoring systems, platform dependencies.

## Inviolability of the Home (Art. 13 GG)

Smart home sensor technology. IoT surveillance.

**Central Thesis:** A democracy based on free will formation requires protected, manipulation-free digital public spaces and individual control over digital life processes. Without digital autonomy, the prerequisites for equal participation and effective exercise of fundamental rights are systematically distorted – democratic substance erodes into a mere facade.



# The Challenge – Europe's Digital Dependence

## Critical Risks of Our IT Landscape

European organizations find themselves in a dangerous dependence on US tech giants. This situation not only threatens digital sovereignty but also poses massive operational and legal risks.

### GDPR Compliance Endangered:

Data transfers to insecure third countries + AI real-time access

### Vendor Lock-in:

Lack of control over proprietary infrastructures

### Geopolitical Uncertainties:

Failure risks due to external factors

### Lack of Data Sovereignty:

No genuine control over sensitive company data

**The central question:** How vulnerable are we if all our communication and collaboration is based on a single external platform?

# EuroCloud Pulse Check 2025: The Market Confirms the Need

## Key findings from the current study "Digital Resilience made in Europe":



### Sovereignty as a Factor

Digital sovereignty is a **central competitive factor** and a matter of survival.



### Hybrid Cloud Usage

The majority of German companies are already relying on **hybrid cloud solutions**.



### Multi-Cloud Strategies

Almost a quarter plans an active transition to **multi-cloud strategies**.

## European "Superscalers" are gaining significant attractiveness:

**66%** prefer European providers for **Backup & Disaster Recovery**.

**64%** prefer European providers for **Container Technologies**.

**64%** prefer European providers for **Compliance Solutions**.

This development is driven by experiences from supply chain crises, geopolitical uncertainties, and dependency risks from individual providers.

"Digital sovereignty is no longer a buzzword, but a matter of survival for German companies."

— Dr. Nils Kaufmann, Board Member EuroCloud Deutschland

**📍 VNCIagoon positions itself precisely in this growth market as a European, sovereign alternative.**

Source: [EuroCloud Pulse Check 2025](#), techconsult GmbH on behalf of EuroCloud Deutschland\_eco e.V.

# VNClagoon - The Perfect Plan B

VNClagoon is a fully integrated suite for secure communication and collaboration - the **perfect alternative to Microsoft 365**.

## The Microsoft Alternative

- **Complete Suite:** All Microsoft functions in one secure solution
- **Open Approach:** Based on Open Source for transparency, auditability, and avoidance of vendor lock-ins
- **Flexible Deployment:** Whether On-Premise, Private Cloud, or Public Cloud – the choice is yours
- **Swiss Solution:** No dependence on US providers, for maximum digital sovereignty

## Key Advantages at a Glance

- **Digital Sovereignty:** Full control and protection of your data
- **Highest Security:** Zero Trust Architecture with zTOP, complemented by regular code audits and DevSecOps
- **Compliance Ready:** Meets DSGVO, GDPR, and industry-specific requirements
- **Cost-optimized:** Significant cost savings compared to Microsoft
- **Future-proof & Adaptable:** Modular design and open standards for high interoperability and rapid innovation cycles

# VNClagoon – The Modular Platform Overview

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## Communication Suite

- **VNCtalk:** Video Conferencing, Chat, Screen Sharing
- **VNCmail:** Email with Calendar and Contact Management
- **VNCchannels:** Secure Knowledge Storage and Collaboration
- **VNCgroupware:** Complete Groupware Management

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## Collaboration Suite

- **VNCproject:** Professional Project Management
- **VNCtask:** Intelligent Task Management
- **VNCsafe:** Encrypted File-Sharing
- **VNCoffice:** Complete Business Office Suite

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## Core Technologies

- **VNCdirectory:** Central User and Rights Management
- **VNClagoon AI:** Confidential AI Platform
- **Confidential Computing:** Intel Technology for Maximum Security
- **VNCuxf / VNCaxf:** Front-end and Back-end Technologies

 Each module can be individually combined and adapted to the specific needs of your organization – from start-ups to large corporations.

# VNClagoon in Action - The User Interface

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## VNCfluid

The VNCfluid interface is a comprehensive dashboard. It features a top navigation bar with a search icon and user profile. The main content area is divided into several sections: a 'Good morning, John!' greeting, a 'Urgent' section with icons for 'Priority', 'Message', 'Stream', and 'Meeting', and a 'Tasks' section with a list of items. A 'Charts' section displays several data visualizations, including a bar chart and a line graph. The interface is clean, modern, and easy to navigate.

👥

## VNCtalk

The VNCtalk interface is a chat and video conferencing tool. It features a top navigation bar with a search icon and user profile. The main content area is divided into several sections: a 'Tech Fair 2022' chat room, a list of participants, a chat window with a message input field, and a video call window showing a group of people in a meeting. The interface is clean, modern, and easy to navigate.

✉️

## VNCgroupware

The VNCgroupware interface is a productivity tool. It features a top navigation bar with a search icon and user profile. The main content area is divided into several sections: a 'Calendar' section with a monthly view, a 'Tasks' section with a list of items, and a 'Document Viewer' section showing a document with a search bar and a list of items. The interface is clean, modern, and easy to navigate.

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## VNCproject

The VNCproject interface is a project management tool. It features a top navigation bar with a search icon and user profile. The main content area is divided into several sections: a 'Project Management' section with a Gantt chart, a list of tasks, and a calendar, and a 'Calendar' section with a monthly view. The interface is clean, modern, and easy to navigate.

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## VNCchannels

The VNCchannels interface is a social media tool. It features a top navigation bar with a search icon and user profile. The main content area is divided into several sections: a 'Social Media Feed' section with a list of posts, a video player, and a chat window. The interface is clean, modern, and easy to navigate.

📄

## VNCoffice

The VNCoffice interface is a productivity tool. It features a top navigation bar with a search icon and user profile. The main content area is divided into several sections: a 'Calendar' section with a monthly view, a 'Tasks' section with a list of items, and a 'Document Viewer' section showing a document with a search bar and a list of items. The interface is clean, modern, and easy to navigate.

# Technological Excellence: VNCIagoon Architecture

## Security and Flexibility Combined

### Microservices & Micromodules

Modular building blocks for maximum agility and adaptability.

### Seamless Scalability

From start-ups to global enterprises – VNCIagoon grows with your requirements.

### Accelerated Deployment

Minimal roll-out times for fast and efficient implementation.

### Flexible Deployment Options

Choose your infrastructure: On-Premises, Cloud, or a hybrid solution.

## The Innovative Fluid Principle: Your Digital Workplace, Redefined



### Free Design

Customize digital workplaces precisely to individual needs.



### Any Combination

Assemble modules and dashlets intuitively and flexibly.



### Team-Specific Customization

Optimal solutions for individual teams, departments, or entire companies.



**Whitelabeling Functionality:** Partners can offer VNCIagoon under their own brand and corporate design.

# Security and Compliance – Our Foundation



## End-to-End Encryption

Complete protection of all communication channels and data transfers with state-of-the-art encryption standards



## Confidential Computing

Intel technology protects data even during processing – the highest security level for sensitive workloads



## Digital Autonomy

Complete data control without dependence on US providers – European values and standards



## GDPR-compliant by Design

Data protection is not just a feature, but an integral part of the architecture – right from the start



## VNCtrustbase

Secure email communication with advanced trust mechanisms and authentication



## VNCphone

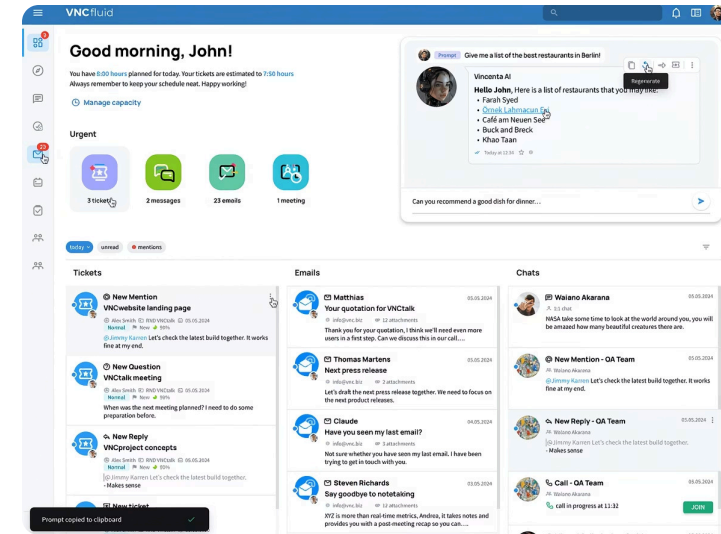
Protection against mobile espionage and eavesdropping attempts for confidential conversations



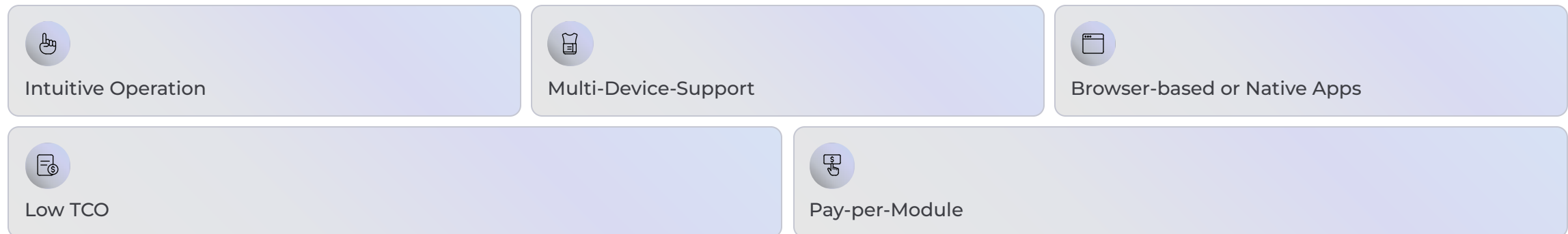
# Convergence of Modern Work Environments

VNCIagoon unifies **communication, collaboration, and data management** in a unified, intuitive platform that converges modern work environments.

Everything from a Single Source



User-Friendliness & Cost-Efficiency



# Resilience & Hot Stand-By with VNCIagoon

## Maximum Business Reliability

### Scenario: Microsoft 365 outage

**Without VNCIagoon:** Complete standstill, loss of productivity

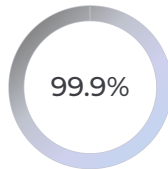
**With VNCIagoon:** Immediate switch, business continues

### Hot Stand-By Implementation

1. Parallel Installation - VNCIagoon runs parallel to Microsoft
2. Data Synchronization - Automatic mirroring of important data
3. User Training - Team is familiar with both systems
4. Failover Process - Defined switchover in case of failure

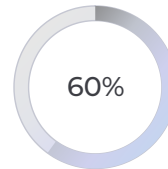
### Data Import and Continued Operation without Microsoft 365

Data export from M365, import into VNCIagoon, user migration configuration, testing, training, switchover.



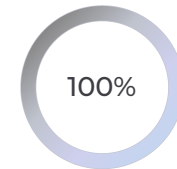
**Uptime**

Higher availability than Microsoft



**Cost Savings**

Compared to Microsoft licenses



**Data Control**

Full control over your data

# The Future is Sovereign – VNCIagoon AI

|   |  |
|---|--|
| <p><b>Horizontal AI Platform</b></p> <p>Interchangeable Large Language Models (LLMs) without Vendor Lock-in</p> | <p><b>Local AI Training</b></p> <p>Train and operate AI models without cloud dependency – complete control</p> |
| <p><b>Confidential AI</b></p> <p>Highest security standards, even for AI workloads</p>                          | <p><b>Local Compute AI</b></p> <p>Access to internal data and external LLMs</p>                                |
| <p><b>Intelligent Assistants</b></p> <p>Vincenta &amp; Vincent Integrated into VNCIagoon</p>                    | <p><b>VNCIagoon Agentic AI</b></p> <p>AI-powered actions in chats, emails, tickets</p>                         |

## 5 Pillars of Confidential AI

✓ Fairness | ✓ Privacy & Security | ✓ Transparency | ✓ GDPR Compliance | ✓ Scalability



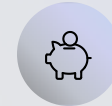
# Application Areas and Industries



Public Sector



Healthcare



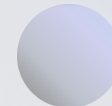
Banking & Insurance



Manufacturing/Production



Education



Non-Profit

# Success Stories & References

## Second Source Study - VNClagoon Triumphs!

### Official Study by the Swiss Digital Administration confirms:

- **1st Place** out of 4 tested Microsoft alternatives
- **33 out of 40 points** - Best rating of all providers
- **Recommendation for public administration**

#### DFB GmbH (German Football Association)

"The DFBnet-Postfach developed by VNC has enormously accelerated and simplified our internal communication."

**Challenge:** Secure internal communication

**Solution:** VNCmail Implementation

**Result:** Significantly improved efficiency

#### Intel

"VNClagoon with Intel OpenVINO™ and Intel Confidential Computing is the perfect combination to improve your communication and collaboration. Together, Intel and VNClagoon help you get the most out of your hardware infrastructure!"



## Why VNCIagoon is the perfect Plan B



### Resilience & Independence

Protection against failures and vendor lock-in through open standards and a decentralized architecture that avoids single points of failure. We offer a real alternative to proprietary systems that reduces Europe's digital dependence.



### Sovereignty & Autonomy

Complete control over data and processes to minimize geopolitical uncertainties and ensure true digital autonomy. No dependence on US tech giants, full control over your data.



### Compliance & Data Protection

Fully GDPR-compliant and suitable for KRITIS, with protection against data transfers to insecure third countries. VNCIagoon guarantees European data protection standards and eliminates GDPR compliance risks.



### Future-Proofing

Open Source based, modular architecture and continuous development guarantee long-term investment security and adaptability to future requirements.



### Cost-Efficiency

Low Total Cost of Ownership (TCO) through flexible licensing and a transparent cost structure, without hidden fees or unexpected cost increases.



### Partnership & Support

Close dialogue and dedicated support from an experienced team ensure smooth operation and optimal use of your VNCIagoon solution, tailored to your individual needs.



Shape Europe's Digital Future

# With VNClagoon towards data-sovereign infrastructures

## Your Next Steps



### Book a Demo

Experience VNClagoon live in action



### Individual Consultation

Tailor-made solutions for your requirements




### Pilot Project

Test VNClagoon in a pilot project!

## Contact

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## Online

 [vnclagoon.com](http://vnclagoon.com)

 [Youtube](#)

 [LinkedIn: VNC-AG](#)