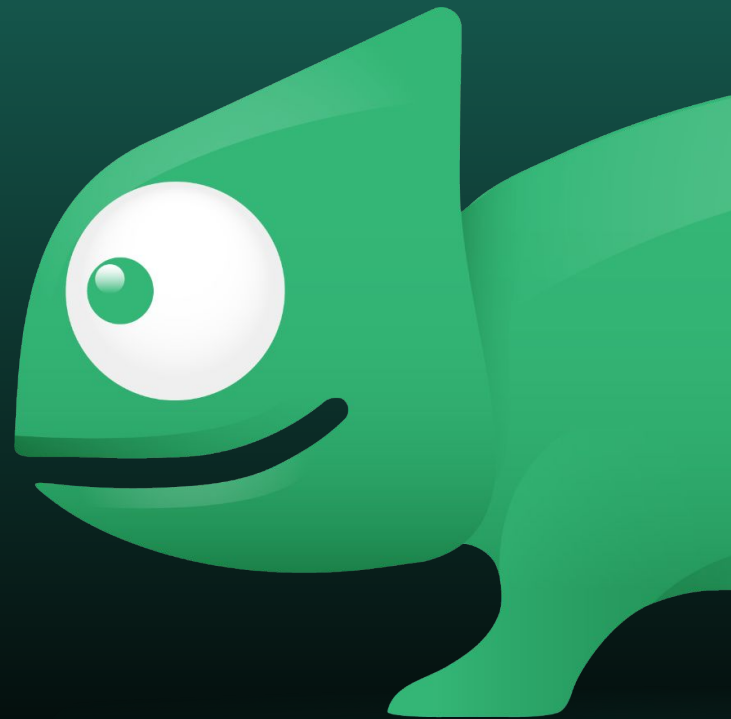




Open by design,  
Sovereign by Choice.

FOSS North, 28 April, Gothenburg





5 Things!





# Emiel Brok

Global Sovereignty Ambassador at SUSE

Co-Founder & Board Member DOSBA

Deputy Board Member APELL





# Friday Ketchup

OpenInfra  
USER GROUP  
SWEDEN

SAVE THE DATE  
22 MAY 2025  
BICRAF SKANDE  
STOCKHOLM SWEDEN



# Open Infra Forum

# DOSBA

Dutch  
Open Source  
Business Alliance

---

# Association Professionnelle Européenne du Logiciel Libre





# Contributions To EU Legislation and Strategies

# Influencing Standards, Policy Making, and Regulation

## Global



## European



**EuroStack**



## Local

OPEN SOURCE SWEDEN





# Introduction to SUSE



Linux

Cloud native

Edge

AI



# SUSE at a glance



**1992**

Founded in  
Nuremberg



**HQ**

Luxembourg



**40**

Offices



**2,700**

Employees



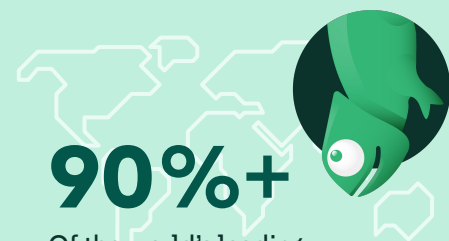
**\$700m+**

Revenue



**10,000+**

Enterprise  
Customers



**90%+**

Of the world's leading  
companies rely on SUSE [6]



**Top Supply Chain  
Security Certifications**

[3]

**Developer contributions  
measured every day →**

Publicly ranked alongside the  
largest technology companies

Consistently  
**Top 8**      **Top 12**



**10/10**

of the largest  
**Automotive**  
companies

**13/15**

of the largest  
**Pharmaceutical**  
companies

**14/15**

of the largest  
**Aerospace**  
companies

**13/15**

of the largest  
**FinServ**  
companies

**Recognised leader in  
Container Management  
& Virtualization →**

[2]

**Gartner**   **IDC**   **OMDIA**



**95%+ customer satisfaction**  
for SUSE Customer Support



**United Nations  
Global Compact**

**17% emissions  
reduction since 2022**

[4]



**SUSE  
Linux**

**SUSE Linux  
recognised as a  
digital public good**



# SUSE and open source at a glance

Developer contributions measured every day →

Publicly ranked alongside the largest technology companies

Consistently

Top 8



Top 12



Founding member of openELA project  
Preserving source code availability



Creator of K3S  
CNCF Contributed  
31.8K Stars on GitHub



Major project participant telco infrastructure

[opensource.suse.com](https://opensource.suse.com)

## Trusted by security communities

SUSE Engineers are on embargo lists for major vulnerabilities & active members of industry security standards



SUSE is a leading **core contributor** to the Linux Kernel for 30+ years

### Linux Kernel lines changed

Intel	11.3%
Cornelis Networks	7.8%
Google	7.7%
<b>SUSE</b>	<b>5.8%</b>
Red Hat	5.0%
Qualcomm	4.8%
Meta	3.9%
NVIDIA	3.6%
Linaro	3.0%
AMD	2.6%
NXP	2.5%

Source: [LWN Development statistics for Linux 6.17](#)

# SUSE's recognition at a glance

**Gartner**

**Magic Quadrant Leader in container management**

Gartner Magic Quadrant, 2025 [1]

**IDC**

**Recognised business value for virtualization, Linux, & Management**

IDC Study [2]

**FORRESTER**

**Forrester Wave™ for Multicloud Container Platforms leader**

Analyst Report Q3, 2025 [3]

**Top Supply Chain Security Certifications →**



**Leader for Rancher and Enterprise Linux**

Winter, 2026 [4]



**Global Analyst Leadership:** Recognized as a market leader by Gartner, IDC, and Forrester, ensuring you are partnering with a top-tier, globally vetted technology provider.

**Highest Level of Security Certification:**

We prove security through EAL4+ certification and FIPS 140-3 compliance, meeting the most stringent government standards.

**Regulatory-Ready Infrastructure:**

Our stack is purpose-built to help you adhere to emerging laws like NIS 2, DORA, and the EU AI Act through automated hardening and compliance reporting.

**Vetted Software Supply Chain:** Every line of code is curated and verified via SLSA and SBOMs, offering a level of transparency and accountability that proprietary vendors cannot match.



[1] [more.suse.com/SUSE\\_a\\_Leader\\_in\\_2025\\_Gartner\\_Magic\\_Quadrant\\_for\\_Container\\_Management\\_LP.html](https://www.gartner.com/en/magic-quadrant/containers/2025)

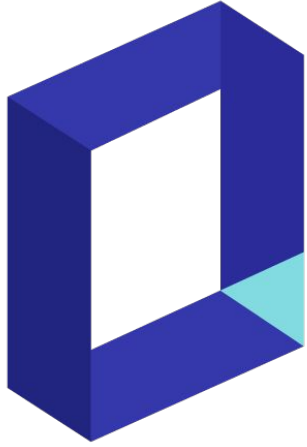
[2] [more.suse.com/IDC\\_SLES\\_and\\_SUMA\\_White\\_Paper](https://www.idc.com/getdoc.jsp?container_id=544817)

[3] [more.suse.com/SUSE\\_a\\_Leader\\_in\\_Forrester\\_Wave\\_Multicloud\\_Container\\_Platforms.html](https://www.forrester.com/Research/Quadrant/Forrester-Wave-Multicloud-Container-Platforms)

[4] <https://www.g2.com/sellers/suse#profiles>

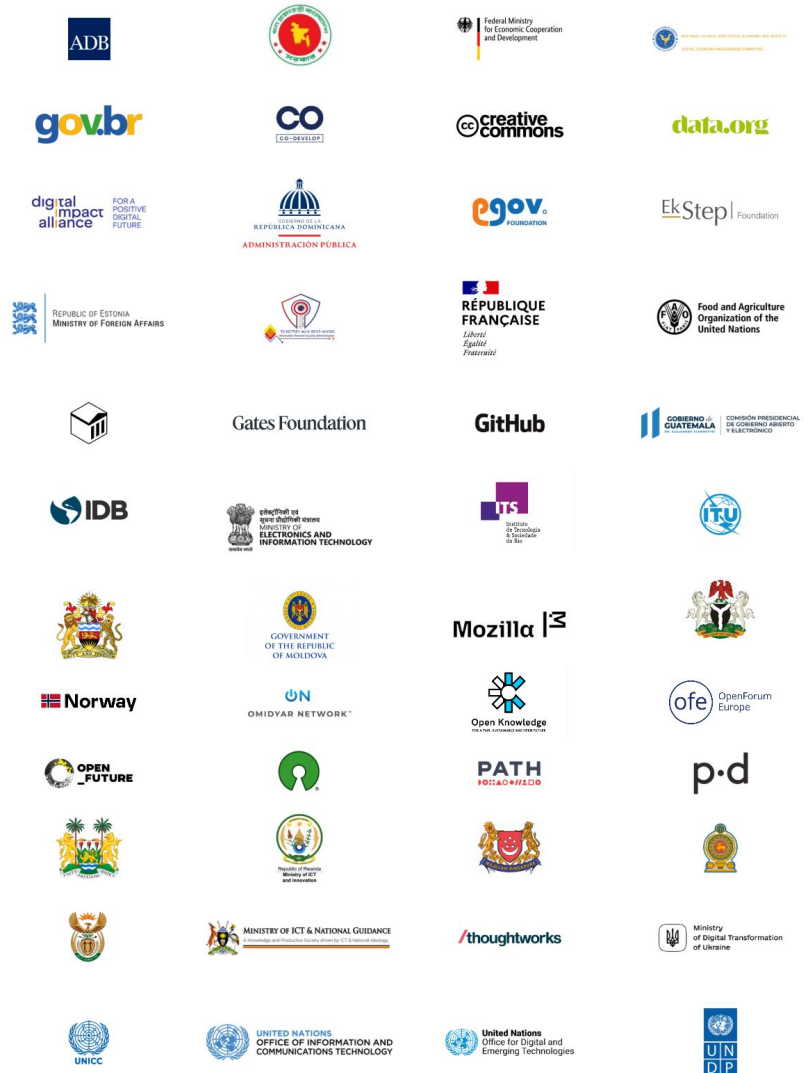


# Open by Design



# Digital Public Goods Alliance

The Digital Public Goods Alliance is a multi-stakeholder UN-endorsed initiative that facilitates the discovery and deployment of open-technologies, bringing together countries and organizations to create a thriving, trusted and secure global ecosystem for digital public goods and helping to achieve the sustainable development goals.





**SUSE**  
Linux

## SUSE Linux has been reviewed by the Digital Public Goods Alliance & recognised as a **Digital Public Good**

The first **commercial operating system** to achieve DPG status.  
Due to SUSE's commitment to publicly available sources,  
it's open build service & major upstream contributions.

### Infrastructure software with nation-level trust



#### Accelerated Audits

Rigorous DPG pre-audits for data privacy compliance and security best practices means reduced complexity in your procurement cycle.

#### Sustainable Goals

DPG status validates SUSE Linux as a verified ESG investment that directly contributes to your Sustainable Development Goals (SDGs) for innovation and infrastructure.

#### Shared Value Creation

SUSE Linux had to pass a strict 9-point open standard assessment, ensuring you have full ownership of the source code, independent of any single commercial entity.



# Sovereign by Choice



# 98%

Prioritize **digital sovereignty**  
today — with more than half  
now taking action

↓ Strategy

# Digital Sovereignty

Digital sovereignty refers to the ability of a nation, organization or individual to control and govern their own digital assets, infrastructure and data independently, free from undue external influence or dependency.

Open by design, sovereign by choice

Disclaimer:  
I am not a  
lawyer

Disclaimer:  
I am not a  
technician

Being sovereign is not  
**BLACK / WHITE**



## A common **misconception**

“You can **never** have total sovereignty...  
so we might as well **give up** trying...”



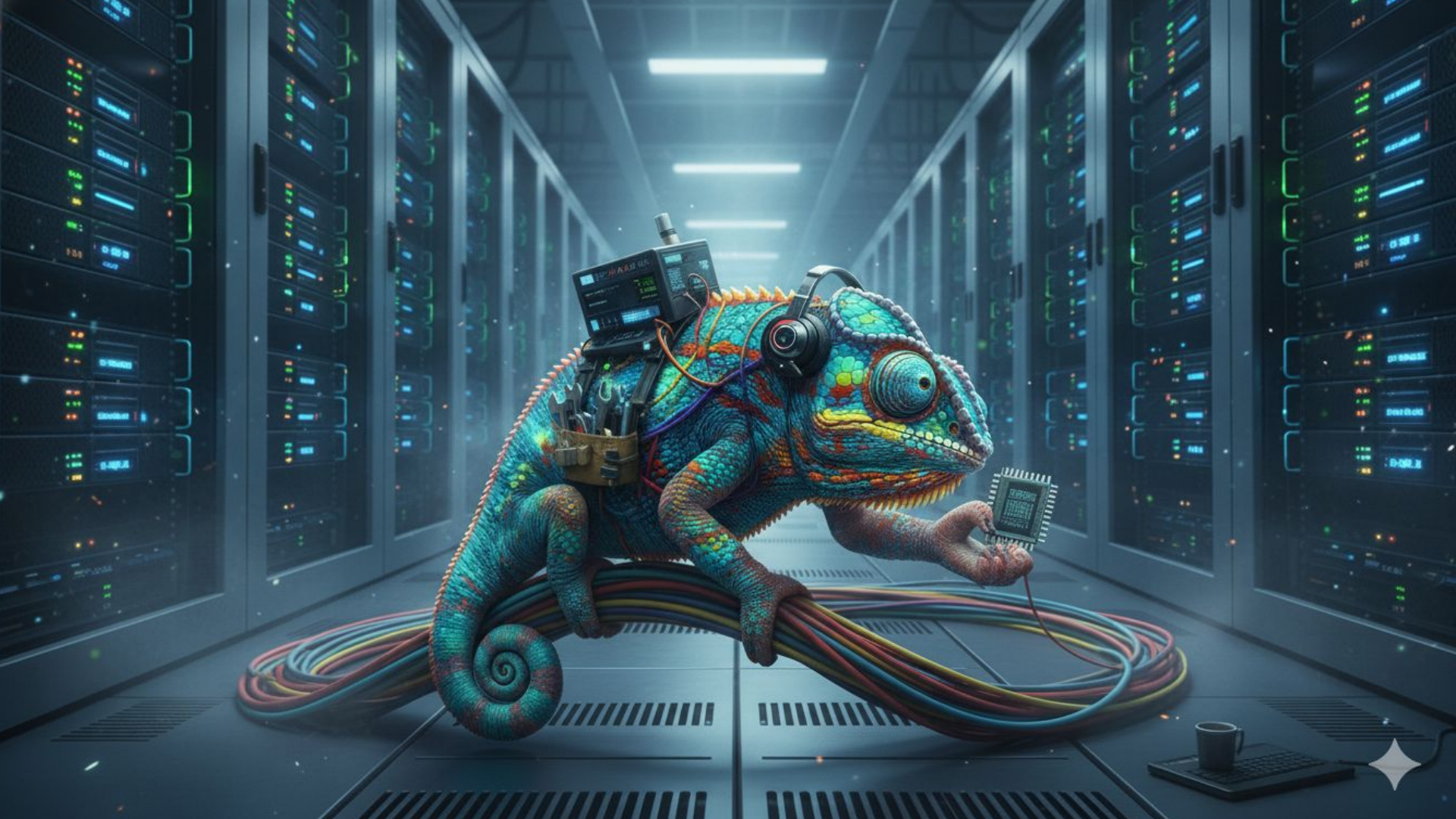
# Location





# Licensing





# Hardware





A vibrant green and yellow gecko is the central focus, holding a large brass padlock in its left hand and a matching brass key in its right hand. The gecko's scales are highly detailed, showing various shades of green and yellow. The background is a soft, out-of-focus green. Overlaid on the image is the word "Keys" in a large, white, sans-serif font. The letter "K" is positioned on the left, partially overlapping the padlock. The "e" is in the center, overlapping the gecko's head. The "y" is on the right, overlapping the gecko's body. The "s" is on the far right, overlapping the key.

Keys



## Questions to consider ...



Where does your **data** physically reside?



What **jurisdictions** influence your staff & vendors?



How is your **hardware** infrastructure provided?



What does your **software supply chain** look like?

# Complex World of Objectives





# EU Cloud Sovereignty Framework

# Cloud Sovereignty Framework



EXAMPLE INITIATIVE

# Cloud Sovereignty Framework →



# Cloud Sovereignty Framework →



The Cloud Sovereignty Framework from the European Commission, defines a set of Sovereignty Objectives for cloud services, such as Strategic, Data & AI, and Supply Chain Sovereignty.

The framework establishes Sovereignty Effectiveness Assurance Levels (SEAL), which tenderers must meet as a minimum requirement, and provides a method to compute a complementary Sovereignty Score to evaluate and rank cloud services based on their sovereignty features.

*The goal is to supplement security requirements with specific safeguards to ensure cloud services are anchored in the European legal, financial, and industrial ecosystem.*



# Cloud Sovereignty Framework →



## Objective Weighting

SOV-1: Strategic Sovereignty	15%
SOV-2: Legal & Jurisdictional Sovereignty	10%
SOV-3: Data & AI Sovereignty	10%
SOV-4: Operational Sovereignty	15%
<b>SOV-5: Supply Chain Sovereignty</b>	<b>20%</b>
SOV-6: Technology Sovereignty	15%
SOV-7: Security & Compliance Sovereignty	10%
SOV-8: Environmental Sustainability	5%

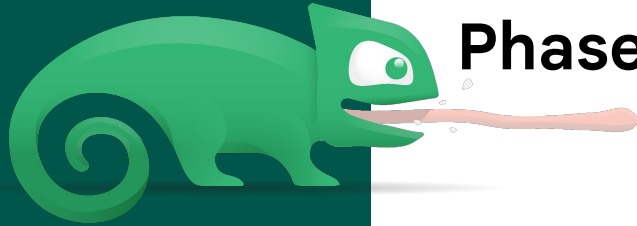
# Cloud Sovereignty Framework →

**Phase 1: Planning and the Land**

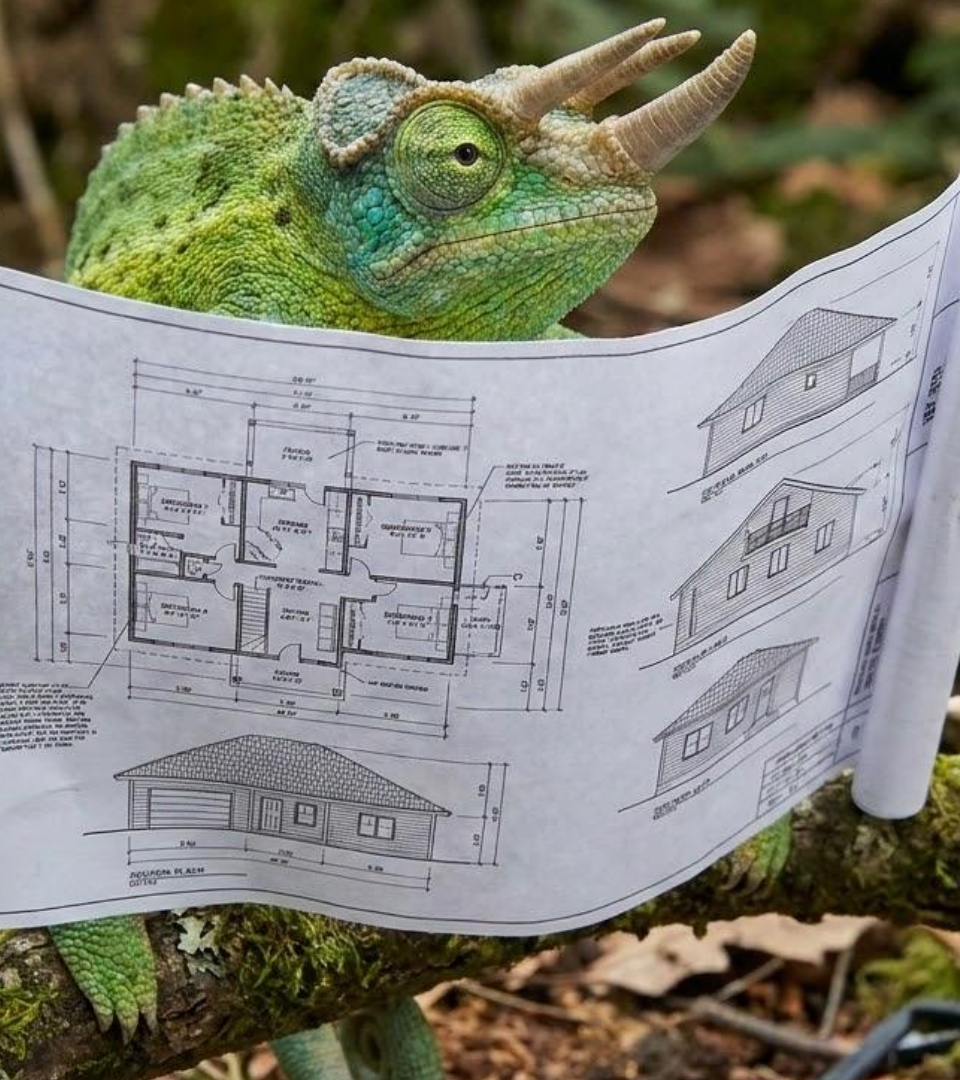
**Phase 2: Building the Structure**

**Phase 3: Security and Finishing**

**Phase 4: Living and Maintenance**







# Phase 1: Planning and the Land

- The Land  
(Legal & Jurisdictional  
Sovereignty  
SOV-2)
- The Owner  
(Strategic Sovereignty  
SOV-1)





## Phase 2: Building the Structure

- **The Materials  
(Supply Chain Sovereignty  
SOV-5)**
- **The Blueprints (Technology  
Sovereignty  
SOV-6)**
- **Sustainability  
(Environmental  
Sustainability  
SOV-8)**





## Phase 3: Security and Finishing

- **The Vault  
(Data & AI Sovereignty  
SOV-3)**
- **The Alarm System  
(Security &  
Compliance  
Sovereignty  
SOV-7)**





## Phase 4: Living and Maintenance

- **The Master Key  
(Operational  
Sovereignty - SOV-4)**

# Cloud Sovereignty Framework →



SOV-1 Strategic Sovereignty:

Captures the degree to which a provider's services are anchored within the EU legal, financial, and industrial ecosystem.

15%



# Objective 1 Strategic

## Why SUSE?

- **Run anywhere:**  
You can use their tools on your own local servers or completely offline.
- **Total control:**  
You decide exactly where your data lives and who holds the keys.
- **No hidden backdoors:**  
Because the code is open-source, there are no secret ways for others to access your information.

# Cloud Sovereignty Framework →



## SOV-2 Legal & Jurisdictional Sovereignty:

Evaluates the legal environment, exposure to foreign authority, and the extent to which services are insulated from external legal claims.

10%

# Objective 2 Legal & Jurisdictional

10%



# Protection from foreign legal claims.

# Objective 2 Legal & Jurisdictional

10%



## Objective 2 Legal & Jurisdictional

# Why SUSE?



- **Choose local partners:**  
SUSE's software works anywhere, run your business using local cloud providers who answer to your local laws.
- **Avoid foreign laws:**  
Not forced to rely on foreign tech giants, this protects from outside laws that could legally force providers to hand over your files.
- **Legally provable:**  
SUSE's software is open, you can audit it and prove to your local regulators that your systems are compliant and secure.

# Objective 2 Legal & Jurisdictional

# Did you know?



# Objective 2

## Legal

Did  
you  
know?

**C**larifying

**L**awful

**O**verseas

**U**se of

**D**ata

-

**Act.**

# Cloud Sovereignty Framework →



SOV-3 Data & AI Sovereignty:

Focuses on the protection, control, and independence of data assets and AI services within the EU.

10%



# Objective 3

## AI



# Objective 3

## Data & AI

# Why SUSE?



- **Your keys, your locks:**  
Control your own encryption keys, no one else can unlock or read your data.
- **Private AI:**  
Run AI securely within your own environment, ensuring your company's private data is never fed into public AI models.
- **Zero data harvesting:**  
SUSE provides open-source infrastructure tools rather than data-mining services, guaranteeing your information is never scanned, logged, or monetized.

# Cloud Sovereignty Framework →



SOV-4 Operational Sovereignty:

Measures the practical ability of EU actors to run, support, and evolve a technology independently of foreign control

15%



Objective 4  
Operational

Example

**Autonomy by SUSE:**  
**SUSE provides full technical documentation and source code, which are the primary "contributing factors" for long-term autonomy.**

# Objective 4 Operational

## Why SUSE?

- **Zero lock-in:**  
Open standards mean your software is never stuck to one specific cloud provider.
- **Universal control:**  
Tools like Rancher Prime act as a universal remote, letting you manage your apps anywhere.
- **Easy mobility:**  
Standard containers let you quickly pick up and move your workloads to a new cloud without rewriting your code.

Objective 4  
Operational

Example

**Can you run your  
business without  
depending on one  
specific tech company?**





# HOW DO WE TRUST **FOOD?**

Which **ingredients** does it claim?

Where did it **originate** ?

**Who** touched it ?

What **processing** is applied?

**How** did it get to me?

Have we learned **anything since**?

Did we fix everything, **is it still safe**?

SOURCE

BUILD

LIFECYCLE

*Ingredients*



*Processing*



*Labels*



*Tracking*



*Lifecycle*



FARM

Raw Produce



FACTORY

Kitchen

Blending

Baking

Packaging



STORE

Shelf



HOME

Health Advisories

# HOW DO WE TRUST SOFTWARE?

Source code is **preserved**

Dependencies are **frozen in time**

**Contributors** and packagers are known

Build process is **reproducible 1:1**

Delivery method is **reliable**

**CVE's and patches** are reported on

Repaired packages distributed

SOURCE

Source



Build



Attest



Ship



Service

BUILD

LIFECYCLE



UPSTREAM

Millions of projects



BUILD PIPELINE

Open Build Service

Code Isolation

Trusted Individuals

Trusted Hardware



DELIVERY

Application Collection



SUPPORT

Warnings & Fixes

# Objective 5 Supply Chain

## Why SUSE?



# Objective 5 Supply Chain

## Why SUSE?



- **Clear ingredients:**  
SUSE gives you an exact list (SBOM) of every single component in your software.
- **100% transparent:**  
The code is completely open-source, so anyone can check it to prove there are no secret backdoors.
- **Sealed:**  
SUSE builds its software in highly secure environments, guaranteeing no one can mess with the code before you get it.

# Cloud Sovereignty Framework →



## SOV-6 Technology Sovereignty:

Evaluates the degree of openness and independence in the technological stack to ensure evolution without lock-in to foreign proprietary systems.

15%

# Objective 6 Technical

15%



## Objective 6 Technological

# Why SUSE?

- **100% Open:**  
You can see, change, and share all the code—no secrets.
- **Standard parts:**  
Built on open standards, so you are never locked into one vendor.
- **Total control:**  
You have complete independence over how your tech works and grows.

# Objective 6 Technological



# Cloud Sovereignty Framework →



## SOV-7 Security & Compliance Sovereignty:

Measures the extent to which security operations and compliance obligations are controlled within the EU.

10%



# Objective 7 Security & Compliance



# Objective 7 Security & Compliance

## Why SUSE?

- **Follow your laws:**  
Easily meet strict local security rules like NIS2 and DORA.
- **Provable safety:**  
Since the code is open, you can check it yourself. There are no hidden "black box" secrets.
- **You're the boss:**  
You handle your own security emergencies immediately, rather than waiting for help from overseas.



# Objective 8 Environmental Sustainability

5%



# Long-term resilience regarding resource usage

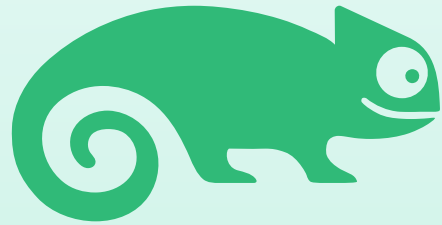
# Objective 8 Environmental



## Objective 8 Environmental

# Why SUSE?

- **You hold the guest list:**  
You control exactly which people and systems can access your data.
- **Manage access anywhere:**  
Set and enforce access rules for all your clouds from one central control panel.
- **Local authority:**  
A foreign network blackout or political event cannot lock you out of your own systems.



**SUSE**

# EU Cloud Sovereignty Framework

# Cloud Sovereignty Framework →



**SEAL-0**  
ENTIRELY  
NON EU

**No  
Sovereignty**

Service, technology or operations under exclusive control of **non-EU third parties, governed entirely in non-EU jurisdictions.**

**SEAL-1**  
EU LAW APPLIES

**Jurisdictional  
Sovereignty**

Service, technology or operations under **exclusive control of non-EU third parties.**

**SEAL-2**  
LAW ENFORCED

**Data Sovereignty**

Service, technology or operations under **indirect control of non-EU third parties.**

**SEAL-3**  
EU LAW ENFORCED

**Digital Resilience**

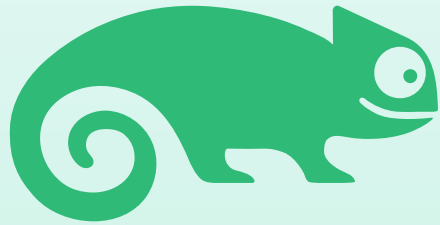
Service, technology or operations under **marginal control of non-EU third parties.**

**SEAL-4**  
COMPLETE EU CONTROL

**Full Digital  
Sovereignty**

Technology and operations under complete EU control, subject only to EU law, with **no critical non-EU dependencies.**





**SUSE**

**Sovereignty  
Self  
Assessment**

# Cloud Sovereignty Framework →



**SEAL-0**  
ENTIRELY  
NON EU

No  
Sovereignty

Service, technology or operations under exclusive control of **non-EU** third parties, **governed entirely in non-EU jurisdictions.**

**SEAL-1**  
EU LAW APPLIES

Jurisdictional  
Sovereignty

Service, technology or operations under **exclusive control of non-EU third parties.**

**SEAL-2**  
EU LAW ENFORCED

Data Sovereignty

Service, technology or operations under **indirect control of non-EU third parties.**

**SEAL-3**  
EU LAW ENFORCED

Digital Resilience

Service, technology or operations under **marginal control of non-EU third parties.**

**SEAL-4**  
COMPLETE EU  
CONTROL

Full Digital  
Sovereignty

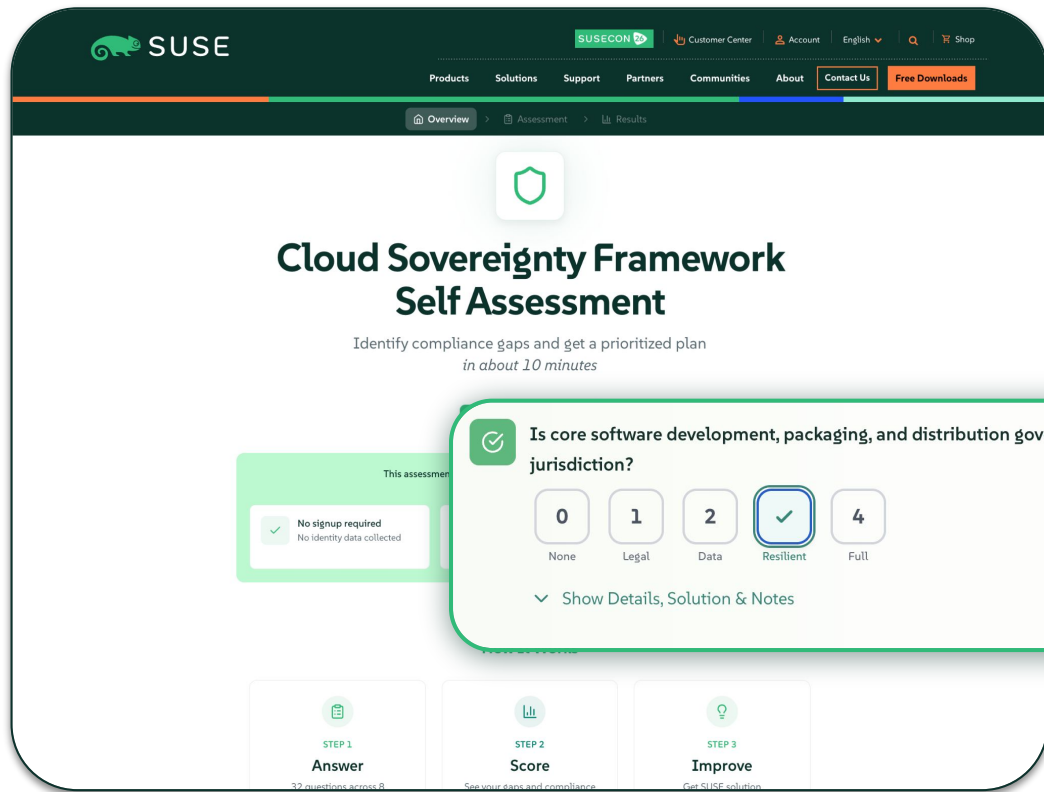
Technology and operations under complete EU control, subject only to EU law, with **no critical non-EU dependencies.**





# Sovereignty Self Assessment

# Self assessment to understand your levels of Sovereignty



The screenshot shows the SUSE website's 'Cloud Sovereignty Framework Self Assessment' page. The header includes the SUSE logo, navigation links (Products, Solutions, Support, Partners, Communities, About, Contact Us, Free Downloads), and user options (SUSECON, Customer Center, Account, English, Shop). The main content area features a shield icon and the title 'Cloud Sovereignty Framework Self Assessment'. Below the title is the text 'Identify compliance gaps and get a prioritized plan in about 10 minutes'. A green callout box highlights a question: 'Is core software development, packaging, and distribution governed under EU jurisdiction?'. The answer options are 0 (None), 1 (Legal), 2 (Data), 3 (Resilient), and 4 (Full). The '3' option is selected. Below the options is a link to 'Show Details, Solution & Notes'. At the bottom, there are three steps: 'STEP 1 Answer' (37 questions across 8), 'STEP 2 Score' (See your gaps and compliance), and 'STEP 3 Improve' (Get SUSE solution).



### SOV 1: Strategic Sovereignty

15% Weight

Corporate governance, jurisdictional control, and strategic alignment with EU objectives

SEAL Reference

**SEAL-3: Digital Resilience**  
 EU entity has autonomous decision-making for most operations; non-EU involvement limited to advisory role or minority board representation

0 None 1 Legal 2 Data 3 Resilient 4 Full | Hover SEAL buttons for tips | 0-4 score +/- navigate

1 Is decisive authority (infrastructure, platform, and software layers) located within the EU?

- 0 None
- 1 Legal
- 2 Data
- 3 Resilient
- 4 Full

Show Details, Solution & Notes | Skip for now

Current Section 0/8 complete

### SOV 1 of 8

Strategic

Section Progress 0/4 questions

-2 min remaining in this section

-11 minutes total remaining

Overall Progress 0/32

0%

QUICK OVERVIEW



Sovereignty Objectives



# Assessment Complete!

Download PDF Report

Talk to an Expert

Summary

Gap Analysis

Recommendations

## Overall Score

# 62.5%

SEAL-3: Digital Resilience

EU actors exercising meaningful influence; operations under marginal non-EU control

## SOV Breakdown

**Scoring Methodology:** Each SOV score is based on the lowest (minimum) scoring question within that objective.



# SUSE SELF-ASSESSMENT PROCESS: SOV FACTORS TO EXPERT GUIDANCE



## ANONYMOUS SELF-ASSESSMENT: STEPS 1-3

### 1. MEASURE SOVEREIGNTY FACTORS



### 2. DETERMINE SEAL LEVELS



### 3. RECEIVE RECOMMENDATIONS



Tailored Improvement Plan based on SEAL Outcome.

- ✓ Policy Updates
- ✓ Technical Controls
- ✓ Architecture Review

### 4. BOOK EXPERT MEETING



Schedule a Personnel Meeting with a SUSE Expert for Personalized Guidance.

Start Your Sovereignty Journey with SUSE Today.



# Assessment Scope Options

Increasing abstraction

Option A: Narrow Scope

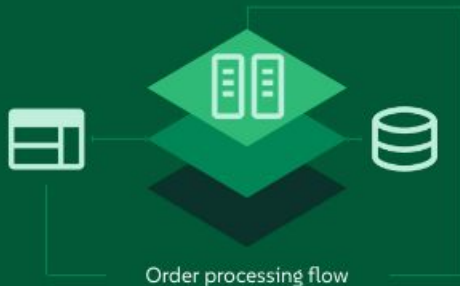
Simple technology  
component



Focus on one specific tool or service  
(e.g. a single database, one  
microservice)

Option B: Recommended Scope

Stack of applications for a  
business process



Focus on a set of apps supporting  
one workflow (e.g. the e-commerce  
checkout stack)

Option C: Broad Scope

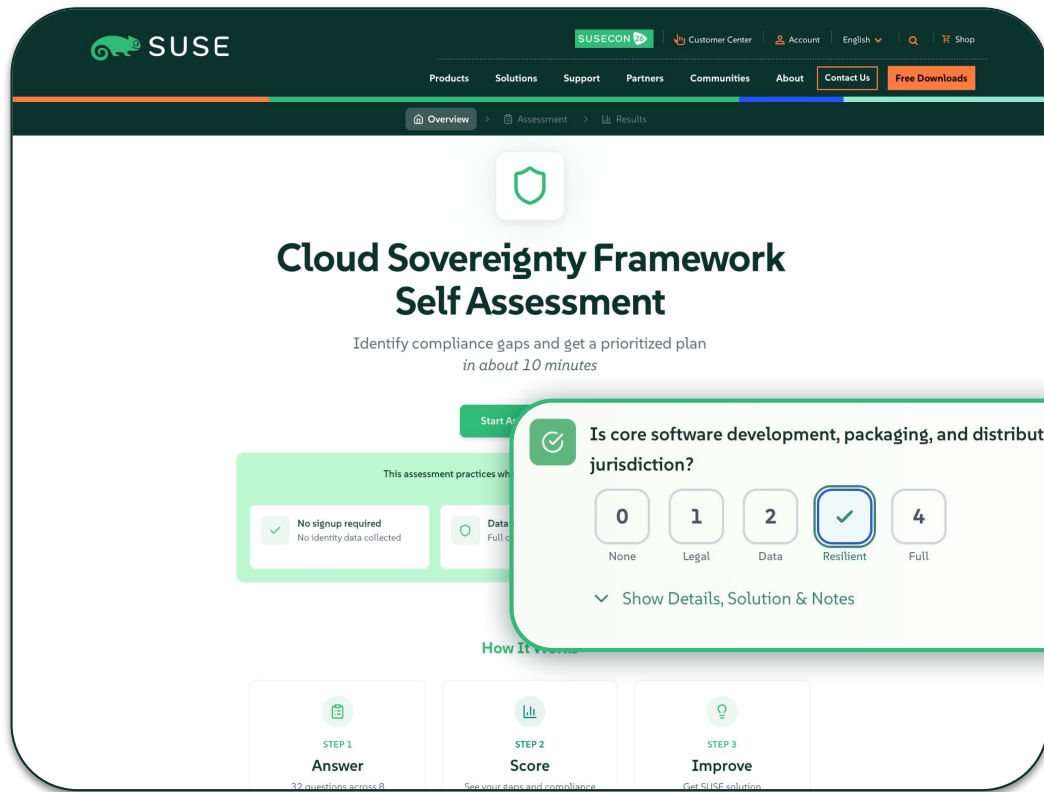
All-in-one



Focus on the entire organization's  
technology landscape (e.g.  
enterprise-wide IT infrastructure)

*Note: The higher the abstraction, the harder it gets to make the next steps actionable*

# Self assessment to understand your levels of Sovereignty



The screenshot shows the SUSE website header with navigation links like 'Products', 'Solutions', 'Support', 'Partners', 'Communities', 'About', 'Contact Us', and 'Free Downloads'. The main content area features a shield icon and the title 'Cloud Sovereignty Framework Self Assessment'. Below the title, it says 'Identify compliance gaps and get a prioritized plan in about 10 minutes'. A 'Start Assessment' button is visible. A modal window is open, displaying a question: 'Is core software development, packaging, and distribution governed under EU jurisdiction?'. The modal has a green checkmark icon and a rating scale from 0 to 4. The '2' and '3' options are selected, with '3' being the active choice. Below the scale, there is a link to 'Show Details, Solution & Notes'. The background of the modal shows a progress bar with 'No signup required' and 'Data Full' indicators.





Now go and test  
yourself!



...NOS

BAKERY

BALURORSS

VINTAGE BOOK

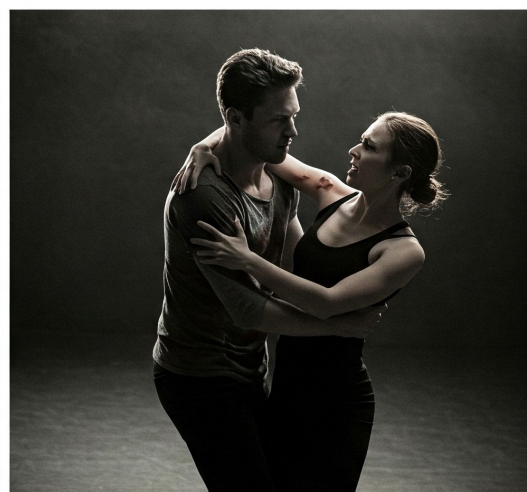
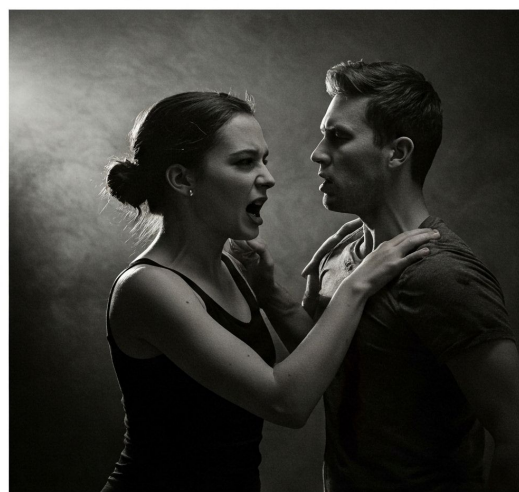








Don't fight, DANCE!





5 Things!





Thank you





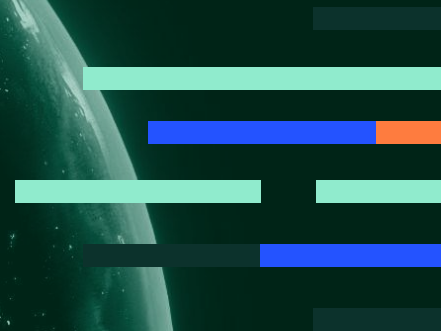
Alarm signals:

1. Are all your Cloud native images curated and verifiable?
- 2.



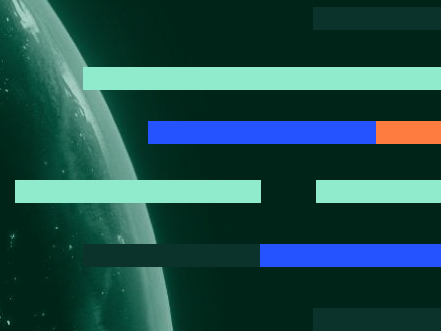


Open by Design  
Sovereign by Choice



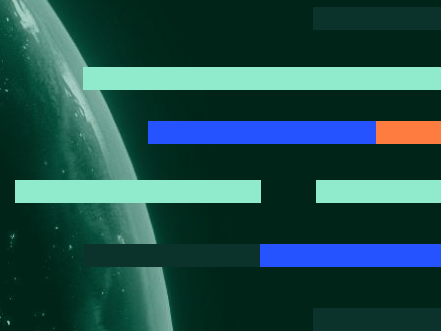


Open by Design  
Sovereign by Choice





Open by Design







Sovereign by Choice

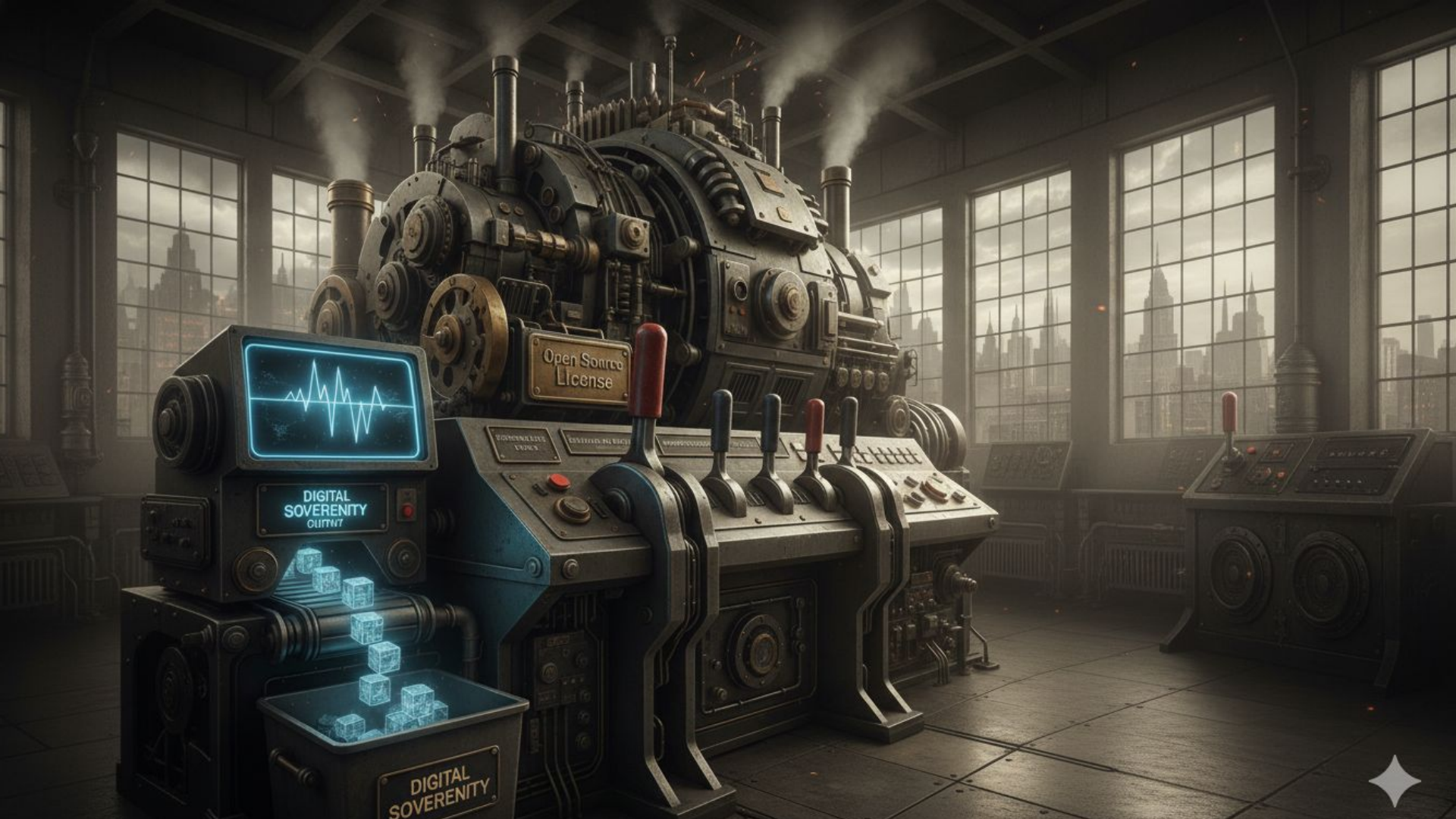
# What is it?

**Digital sovereignty refers to the ability of a nation, organization or individual to control and govern their own digital assets, infrastructure and data independently, free from undue external influence or dependency.**



Being sovereign is not  
**BLACK / WHITE**





Open Source License



DIGITAL SOVEREIGNTY CLIENT



DIGITAL SOVEREIGNTY



# Unpacking Digital Sovereignty



Digital Sovereignty



Operational Sovereignty



Data Sovereignty



Technological Sovereignty



Autonomous Man. & Operations



Resilience & Business Continuity



Immunity from Foreign Legal Reach



Data Residency & Localization



Data Governance & Access Control



Regulatory Compliance & Privacy



Infrastructure & Hardware Control



Software Autonomy & Open Source



Secure & Independent Supply Chains



# Deconstructing Digital Sovereignty



# Cloud Sovereignty Framework



## Sovereignty Objective Weighting

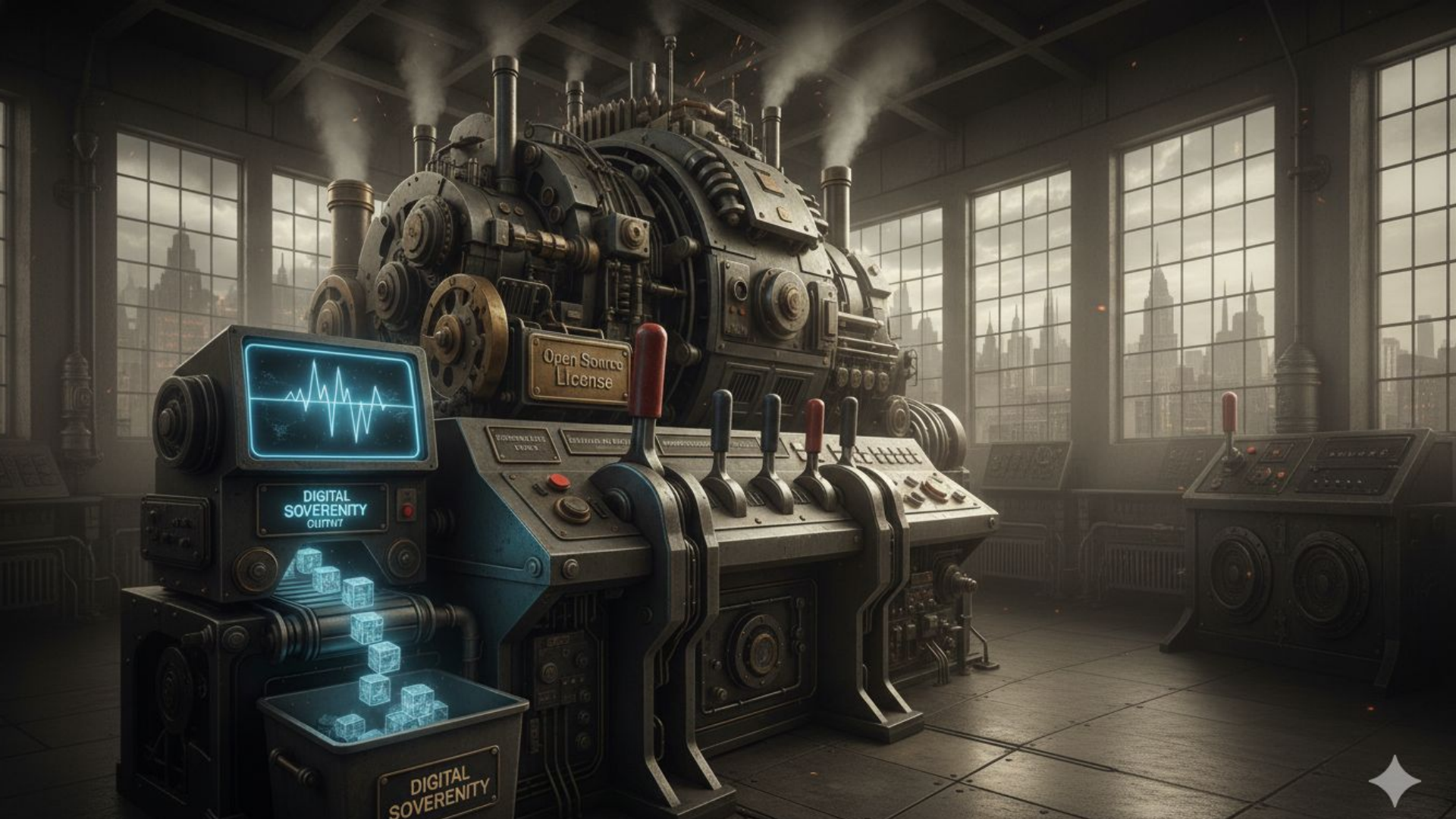
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# Cloud Sovereignty Framework



## Sovereign Effective Assurance Levels

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<b>SEAL-4</b> COMPLETE EU CONTROL	<b>Full Digital Sovereignty</b>	Technology and operations under complete EU control, subject only to EU law, with <b>no critical non-EU dependencies.</b>



Open Source License

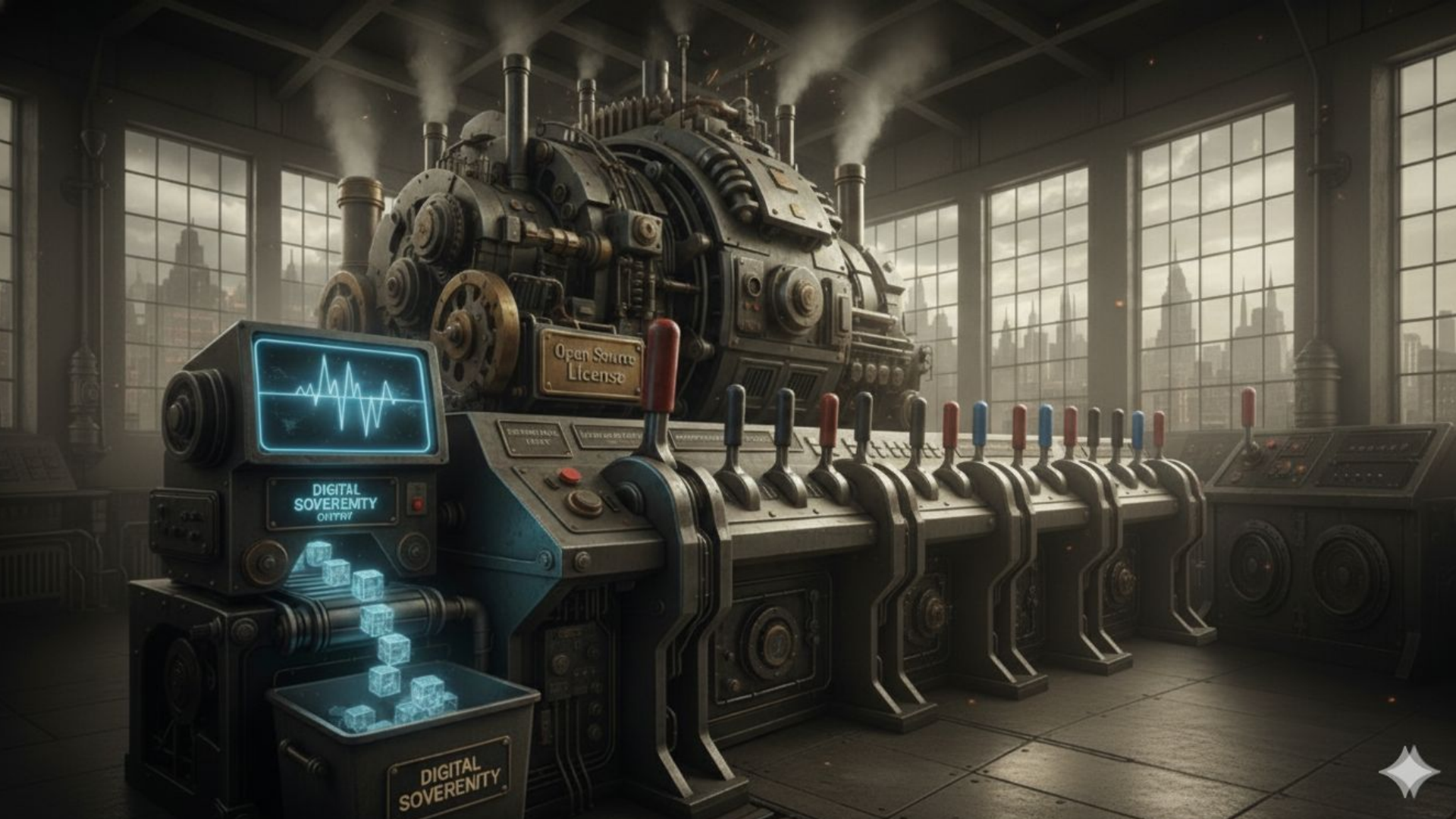


DIGITAL SOVEREIGNTY CLIENT



DIGITAL SOVEREIGNTY





Open Source  
License

DIGITAL  
SOVEREIGNTY  
OHTR7

DIGITAL  
SOVEREIGNTY





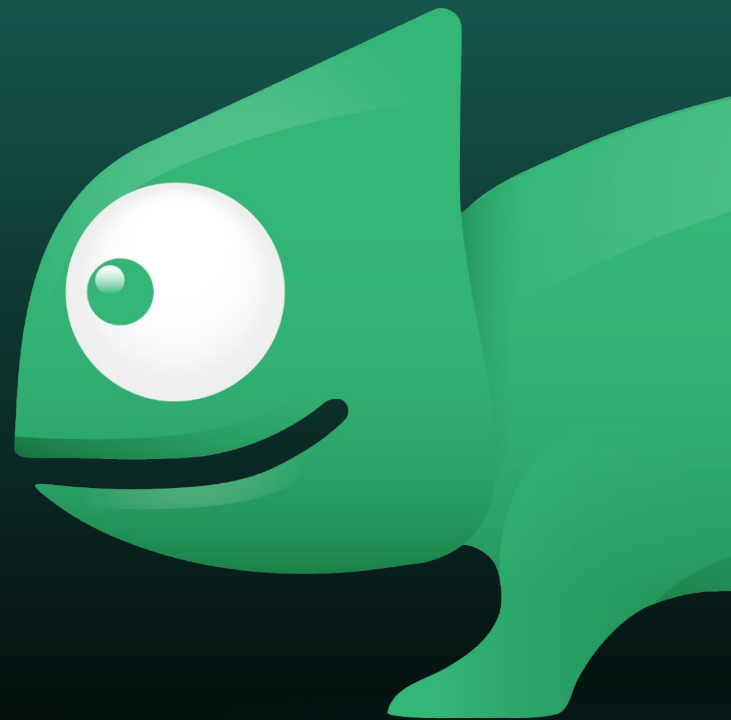
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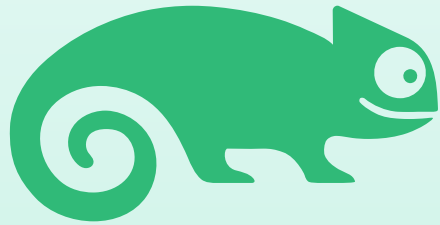




# Digital Sovereignty

*Open by Design*  
*Sovereign by Choice*





**SUSE**

# Introduction to SUSE

# SUSE at a glance



**1992**

Founded in  
Nuremberg



**HQ**

Luxembourg



**40**

Offices



**2,700**

Employees



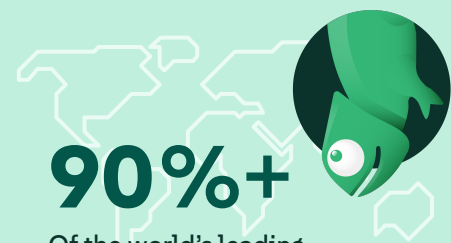
**\$700m+**

Revenue



**10,000+**

Enterprise  
Customers



**90%+**

Of the world's leading  
companies rely on SUSE [6]



**Top Supply Chain  
Security Certifications**

[3]

**Developer contributions  
measured every day →**

Publicly ranked alongside the  
largest technology companies

Consistently  
**Top 8**      **Top 12**



**10/10**

of the largest  
**Automotive**  
companies

**13/15**

of the largest  
**Pharmaceutical**  
companies

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of the largest  
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companies

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companies

**Recognised leader in  
Container Management  
& Virtualization →**

[2]

**Gartner**   **IDC**   **OMDIA**



**95%+ customer satisfaction**  
for SUSE Customer Support



**United Nations  
Global Compact**

**17% emissions  
reduction since 2022**

[4]



**SUSE  
Linux**

**SUSE Linux  
recognised as a  
digital public good**



# SUSE and open source at a glance

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Founding member of openELA project

Preserving source code availability



Creator of K3S  
CNCF Contributed  
31.8K Stars on GitHub



Major project participant telco infrastructure

[opensource.suse.com](https://opensource.suse.com)

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SUSE is a leading **core contributor** to the Linux Kernel for 30+ years

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Red Hat	5.0%
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Source: [LWN Development statistics for Linux 6.17](#)

# SUSE's recognition at a glance

**Gartner**

**Magic Quadrant Leader in container management**

Gartner Magic Quadrant, 2025 [1]

**IDC**

**Recognised business value for virtualization, Linux, & Management**

IDC Study [2]

**FORRESTER**

**Forrester Wave™ for Multicloud Container Platforms leader**

Analyst Report Q3, 2025 [3]

**Top Supply Chain Security Certifications →**



**Leader for Rancher and Enterprise Linux**

Winter, 2026 [4]



**Global Analyst Leadership:** Recognized as a market leader by Gartner, IDC, and Forrester, ensuring you are partnering with a top-tier, globally vetted technology provider.

**Highest Level of Security Certification:**

We prove security through EAL4+ certification and FIPS 140-3 compliance, meeting the most stringent government standards.

**Regulatory-Ready Infrastructure:**

Our stack is purpose-built to help you adhere to emerging laws like NIS 2, DORA, and the EU AI Act through automated hardening and compliance reporting.

**Vetted Software Supply Chain:** Every line of code is curated and verified via SLSA and SBOMs, offering a level of transparency and accountability that proprietary vendors cannot match.

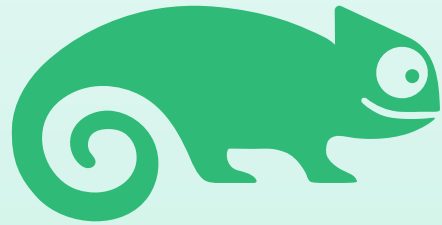


[1] [more.suse.com/SUSE\\_a\\_Leader\\_in\\_2025\\_Gartner\\_Magic\\_Quadrant\\_for\\_Container\\_Management\\_LP.html](https://www.gartner.com/en/magic-quadrant/containers/magic-quadrant-for-container-management-2025)

[2] [more.suse.com/IDC\\_SLES\\_and\\_SUMA\\_White\\_Paper](https://www.idc.com/getdoc.jsp?container_id=US544847)

[3] [more.suse.com/SUSE\\_a\\_Leader\\_in\\_Forrester\\_Wave\\_Multicloud\\_Container\\_Platforms.html](https://www.forrester.com/Research/Quadrant/Forrester-Wave-Multicloud-Container-Platforms-2025)

[4] <https://www.g2.com/sellers/suse#profiles>



**SUSE**

# Introduction to Digital Sovereignty

# Digital Sovereignty

## The SUSE definition

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Open by design, sovereign by choice

## A common **misconception**

“You can **never** have total sovereignty...  
so we might as well **give up** trying...”



## Questions to consider ...



Where does your **data** physically reside?



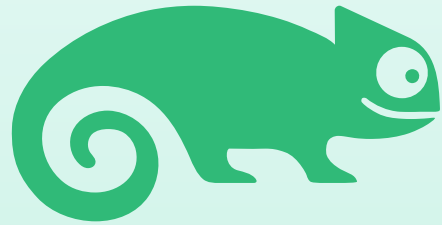
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**SUSE**

# EU Cloud Sovereignty Framework

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The framework establishes Sovereignty Effectiveness Assurance Levels (SEAL), which tenderers must meet as a minimum requirement, and provides a method to compute a complementary Sovereignty Score to evaluate and rank cloud services based on their sovereignty features.

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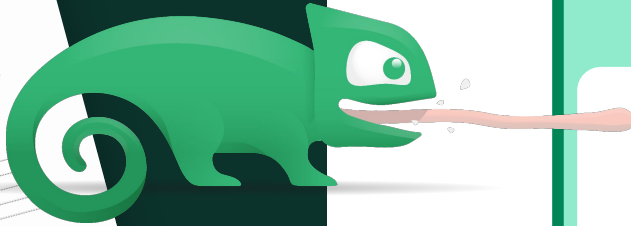
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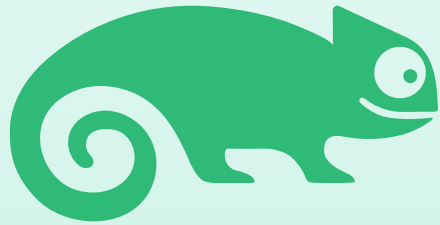
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# Self assessment to understand your levels of Sovereignty

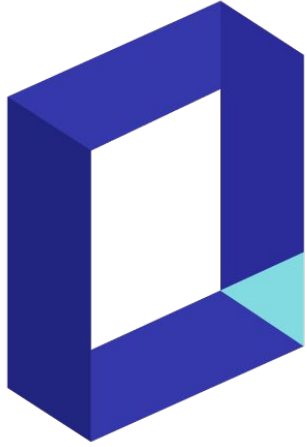
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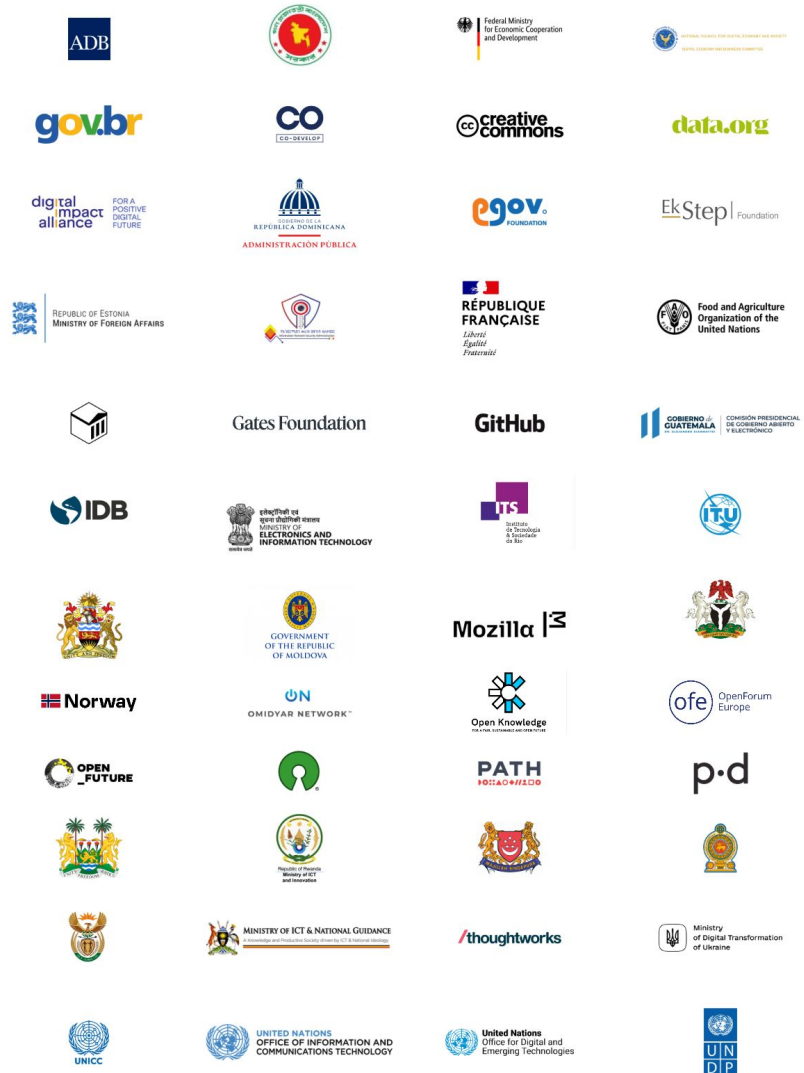
**SUSE**

# Introduction to DPG



# Digital Public Goods Alliance

The Digital Public Goods Alliance is a multi-stakeholder UN-endorsed initiative that facilitates the discovery and deployment of open-technologies, bringing together countries and organizations to create a thriving, trusted and secure global ecosystem for digital public goods and helping to achieve the sustainable development goals.





**SUSE**  
Linux

## SUSE Linux has been reviewed by the Digital Public Goods Alliance & recognised as a **Digital Public Good**

The first **commercial operating system** to achieve DPG status. Due to SUSE's commitment to publicly available sources, it's open build service & major upstream contributions.

### Infrastructure software with nation-level trust



#### Accelerated Audits

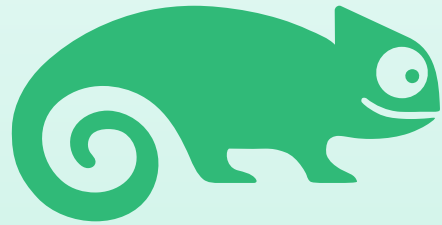
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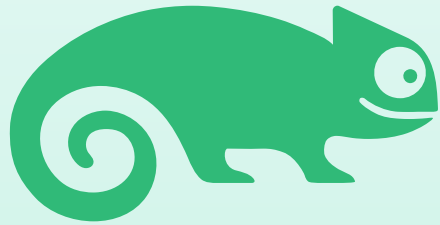
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**SUSE**

Existing  
Sovereign  
Offering(s)



**SUSE**

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**HQ**

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[3]

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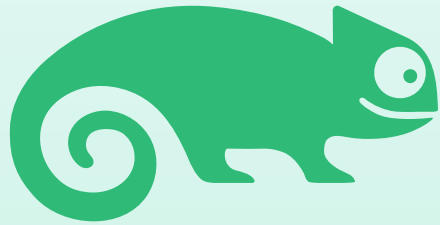
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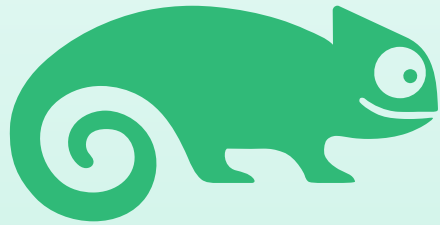
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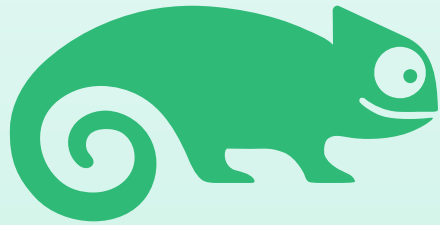
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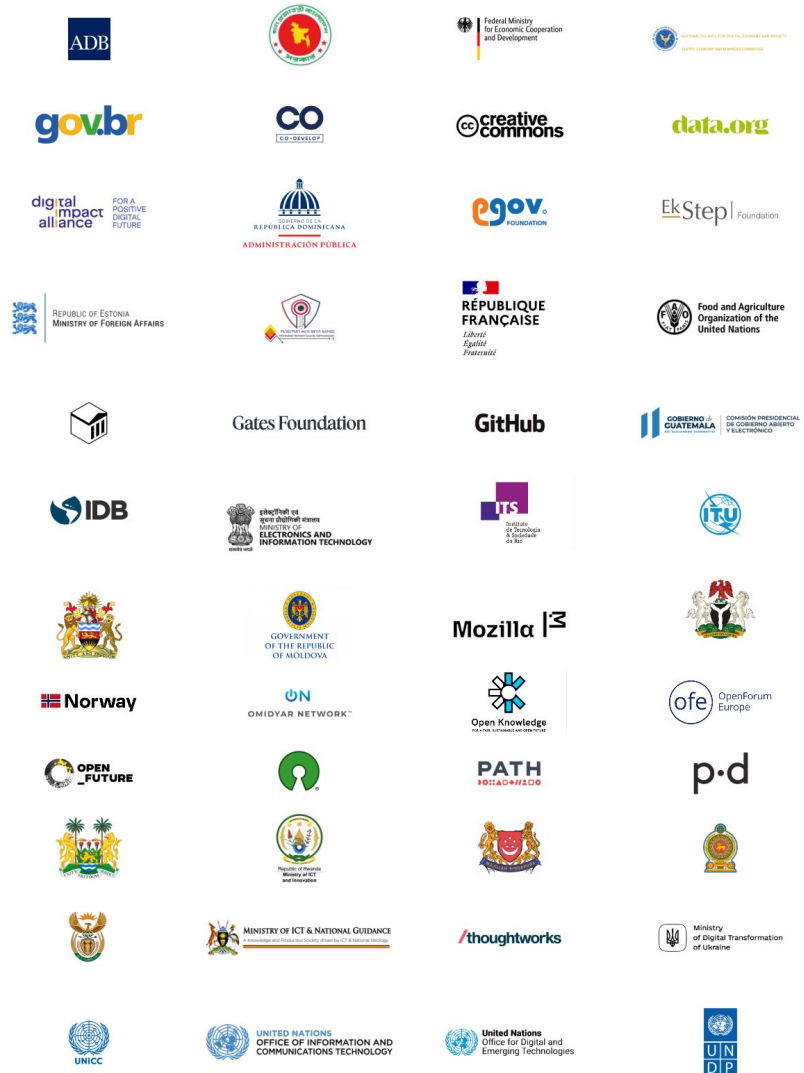
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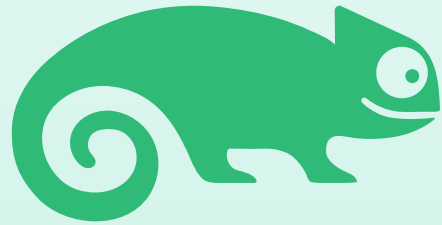
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**SUSE**

Existing  
Sovereign  
Offering(s)



# SUSE Sovereign Premium Support

## Comprehensive sovereign Premium Support service

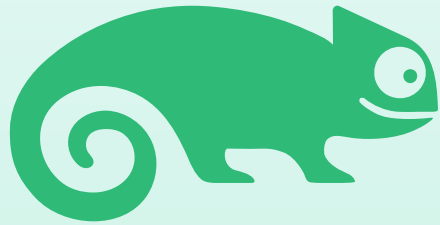
Designed for customers and partners looking for a support offering that is sovereign in the European Union - and a proactive approach to supporting their SUSE environments.

## Access to region-based Premium Support

**Cross-portfolio offering** with **named EU-based premium support engineers** and **service delivery managers** who know them, their operation, and understand their business requirements.

## Personalized sovereign expertise

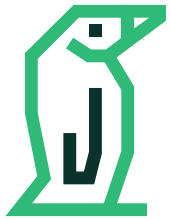
Help enable customers to **meet their regulatory requirements** and digital sovereignty needs, expanding SUSE's commitment to providing a level of control and resilience over data, operations and technology.



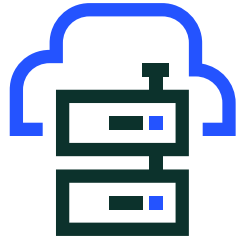
**SUSE**

**SUSE's Portfolio  
driving a more  
sovereign  
solution**

# SUSE's domains of expertise



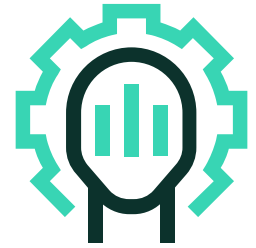
**Linux**



**Cloud Native**



**Edge**



**AI**

# SUSE Linux | The Foundation of Digital Sovereignty



## Total Ownership via Auditability

Our transparent build and test services ensure you truly own your stack through full, end-to-end auditability.



## Verified Supply Chain (SLSA & SBOM)

Secure software integrity from source to binary.



## CC/EAL4+ and Reproducible Builds

Reproducible builds guarantee your binaries always match the audited source code, eliminating tampering risks.



## 15+ Year Mission-Critical Stability

Digital sovereignty must be operationally viable. We offer the industry's longest lifecycle (18 years), providing the stability required by governments.



## Sovereign AI under Your Jurisdiction

Future-proof infrastructure with open standards. Run models on-premise or with local partners to keep sensitive data strictly within your legal territory.



# SUSE Cloud Native | The sovereign cloud solution for the enterprise



## Full operational control

Run the full platform in your own environment. Works fully air-gapped. No external cloud dependency.



## Verified applications

Curated applications with SBOMs, provenance, attestations and vulnerability scanning.



## Enterprise-grade security

Hardened Kubernetes and Virtualization for regulated and government environments.



## Observability and security

Clear visibility into applications, infrastructure, and security. Faster decisions. Fewer blind spots.



## AI without data leaks

AI-enabled operations using local LLMs. No exposure to third-party AI services.



# SUSE Cloud Native | The sovereign cloud solution for the enterprise

AI

Edge

SAP

Finance

...

 **SUSE**® Rancher Prime

Observability

Security

Storage

App  
Collection

Rancher Manager

Virtualization

Kubernetes Engine

Linux (including Immutable OS)

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## AI assistance without data leakage

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# **SUSE Edge** | The sovereign infrastructure for Telco & Critical Ops



## **Strategic Geopolitical Autonomy**

Reduce reliance on non-European vendors. Secure nation-state critical infrastructure against "kill switches" and foreign entity dependencies.



## **Certified & Hardened Compliance**

Adhere to NIS2, DORA, and the EU AI Act with FIPS and Common Criteria certified stacks.



## **Resiliency by Architecture**

Localized failure domains that ensure business continuity. Edge nodes operate independently of central data centers or unreliable networks.



## **Ecosystem Trust & Interoperability**

Certified hardware compatibility with global OEMs (HPE, Lenovo, Dell). Collaborative support models that eliminate vendor "finger-pointing."



# SUSE AI | Sovereign AI infrastructure for the private enterprise



## Total Data Jurisdiction

Ensure AI workloads never leave your network. Deploy fully air-gapped environments on RKE2/K3s where data and model weights remain under your absolute control.



## AI Security & Observability

Eliminate "Shadow AI" and unmanaged LLM calls. Detect unauthorized MCP endpoints and evaluate model behavior in real-time to prevent data leakage at the application layer.



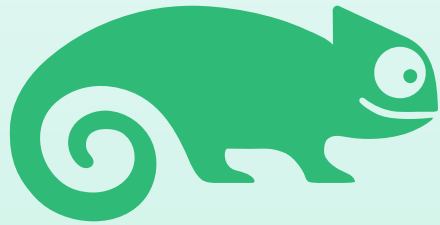
## Curated AI Supply Chain

Access a library of hardened Python packages and AI tools. Every component includes SBOMs, provenance, and vulnerability scanning, ensuring compliance with the EU AI Act.



## Model-Agnostic Flexibility

Whether you use open-source weights or custom-built models, SUSE provides the tools to build and control your AI applications without forcing a specific model choice.



**SUSE**

Secure  
Software  
Supply  
Chain

# Let's think about food we buy

## HOW DO WE TRUST FOOD

### SOURCE

What *ingredients* does it claim

Where did it originate in what conditions

Who touched it

### BUILD

Which *processing methods* are used

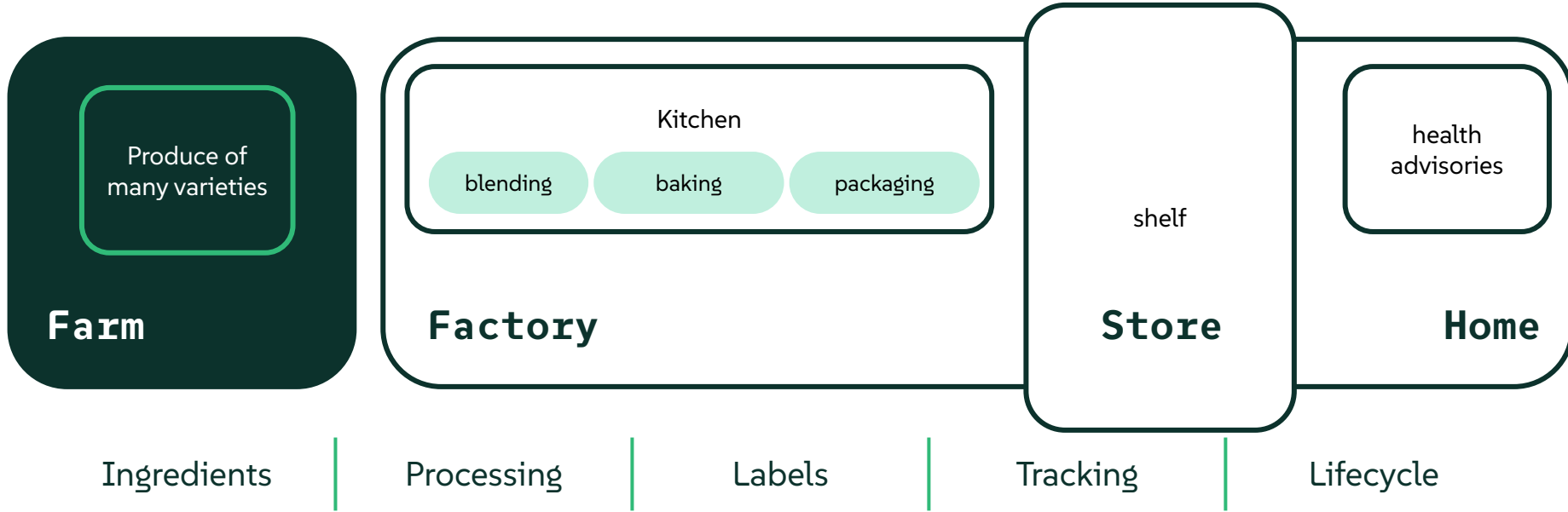
How did it get to me

### LIFECYCLE

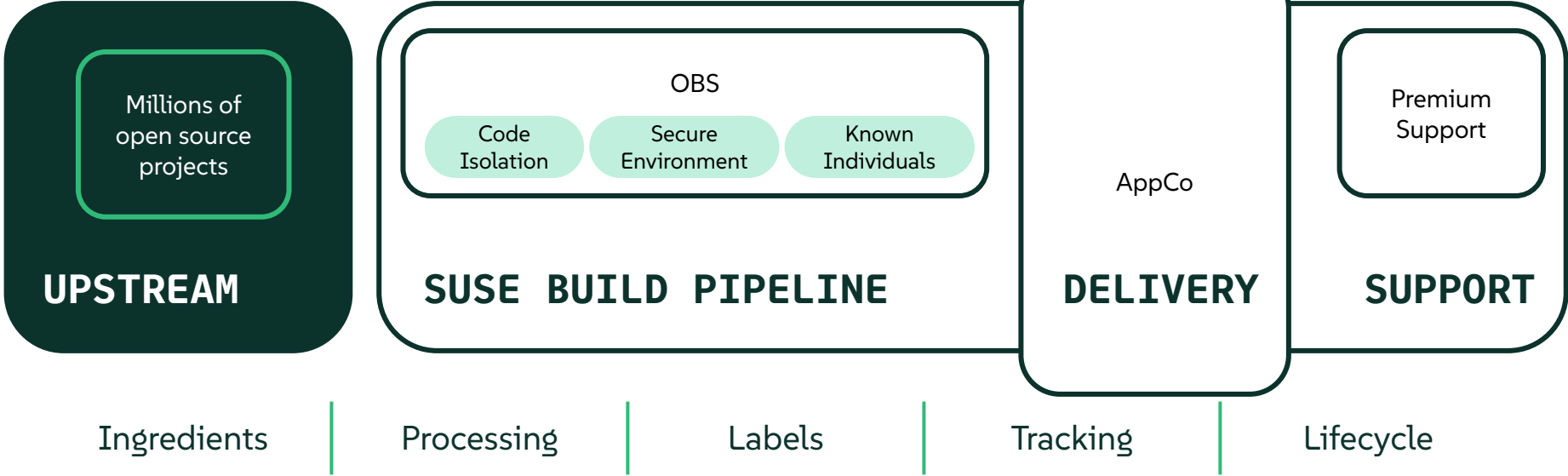
Have we learned anything since

Did we fix everything, is it still safe

# Food's supply chain



# SUSE's supply chain



## SOURCE

Source code is preserved

Dependencies are frozen in time

## BUILD

Contributors and packagers are known

Build *process* is reproducible 1:1

Delivery method is reliable

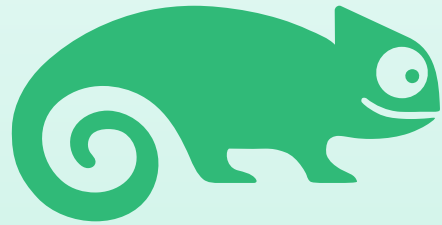
## LIFECYCLE

CVE's and patches are reported on

Repaired versions distributed



# HOW DO WE TRUST SOFTWARE



**SUSE**

6 Pathways to  
Digital  
Sovereignty  
Innovation  
Without Lock-in

# Pathways to Digital Sovereignty

**Linux  
Migration**

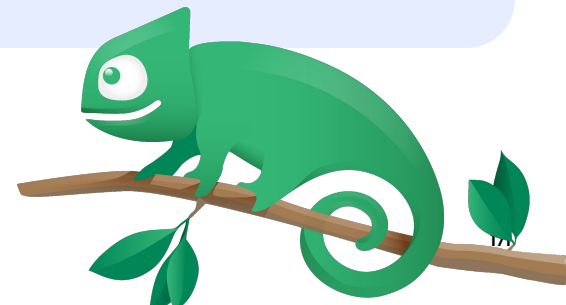
**Edge / Telco  
Infrastructure  
Control**

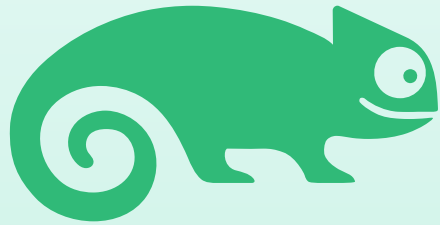
**Supply Chain  
Transformation**

**VM  
Migration**

**AI  
Implementation**

**Cloud Native  
Transformation**





**SUSE**

**SUSE  
Contributions  
To EU  
Legislation and  
Strategies**

# Influencing Standards, Policy Making, and Regulation

## Global



## European

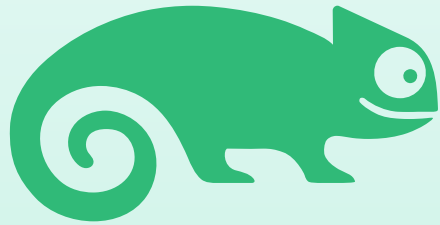


**EuroStack**



## Local





**SUSE**

Customer  
references



# Deutsche Bank secures mixed Linux estate

## Supporting thousands

of SUSE Linux Enterprise and Red Hat Enterprise Linux Servers with SUSE Multi-Linux Support

## Predictable maintenance

and support for ensuring maximum reliability of a mixed Linux estate

## Innovation at their own pace

while maintaining security of their enterprise Linux infrastructure



Given the critical nature of our infrastructure, we have to consistently ensure the security of our mixed Linux estates.

Keith Anderson  
*Product Manager for Compute*



## 8 times faster

time-to-market of updates and new services.

## 70% less effort

for multi-cluster management.

## 80% less cost

to run database servers.

## Centrally manages

user authentication and access control across all clusters.



We used to have to implement separate user management rules for each cluster. Today, we can very easily apply consistent user access policies to all clusters. Rancher Prime accesses our Active Directory and existing user roles directly for this purpose.”

**Frank Bayer**

*Senior Architect for Operating Systems and Container Services*



# Targeting climate-neutral aviation with SUSE

**2.5 to 3x more cost-effective**

than comparable UNIX-based supercomputing solutions.

**Delivers 2.6 petaflops**

or 2.6 quadrillion calculations per second.

**20+ years of reliable performance**

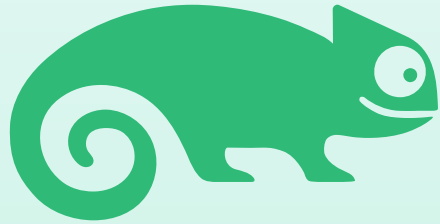
for one of Germany's largest, high performance Linux clusters.



More than 20 years ago, we were the first large industrial company in Germany to build a Linux cluster based on SLES. Since then, open source technology has become a key element of our corporate strategy. The results we have achieved together with SUSE since then show that our decision was exactly right.

**Dr. Thomas Kronseder**  
*Head of Linux Team*





**SUSE**

Available  
Marketing  
Materials

# Whitepaper Download

Additional information



Open by design, sovereign by choice:  
A practical guide to digital sovereignty.

[Download](#) the whitepaper!



# Forrester report download

Additional information



Leverage Digital Sovereignty To Break Free From Foreign Influences On Your IT Stack.

Access the [Forrester report](#) here





+



## Building the European Sovereign Stack: SUSE and evroc Join Forces

Empowering European enterprises with a sovereign cloud stack offering choice in a robust and secure environment for their critical workloads

SUSE and evroc Announce Strategic Partnership to Deliver Sovereign European Cloud Solutions

[Read the announcement](#)





Thank you













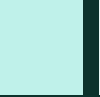













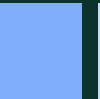

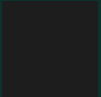



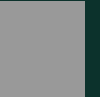





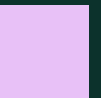








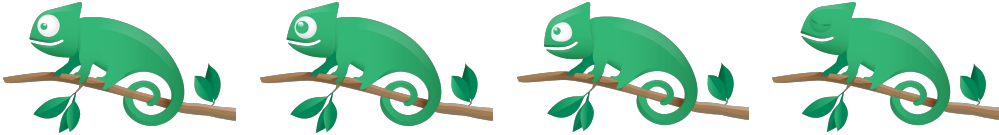
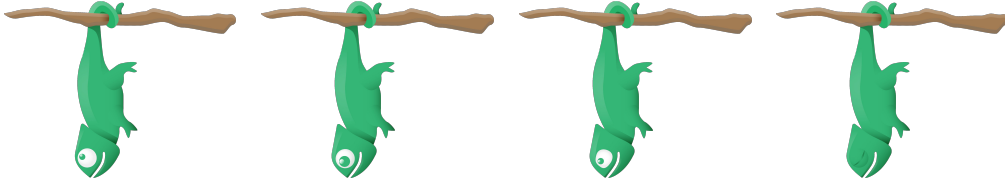
SUSE

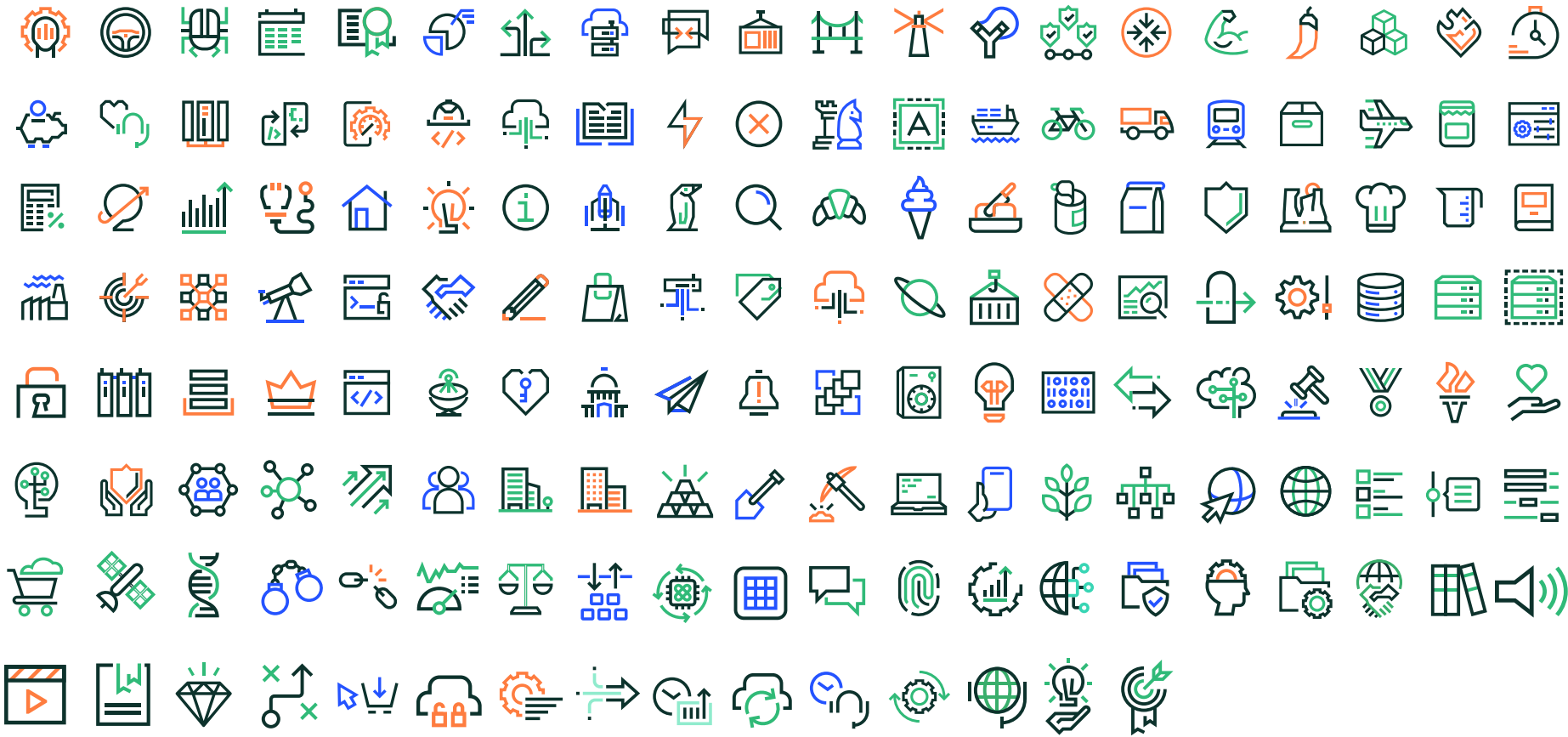
# Palette

Delete when deck complete

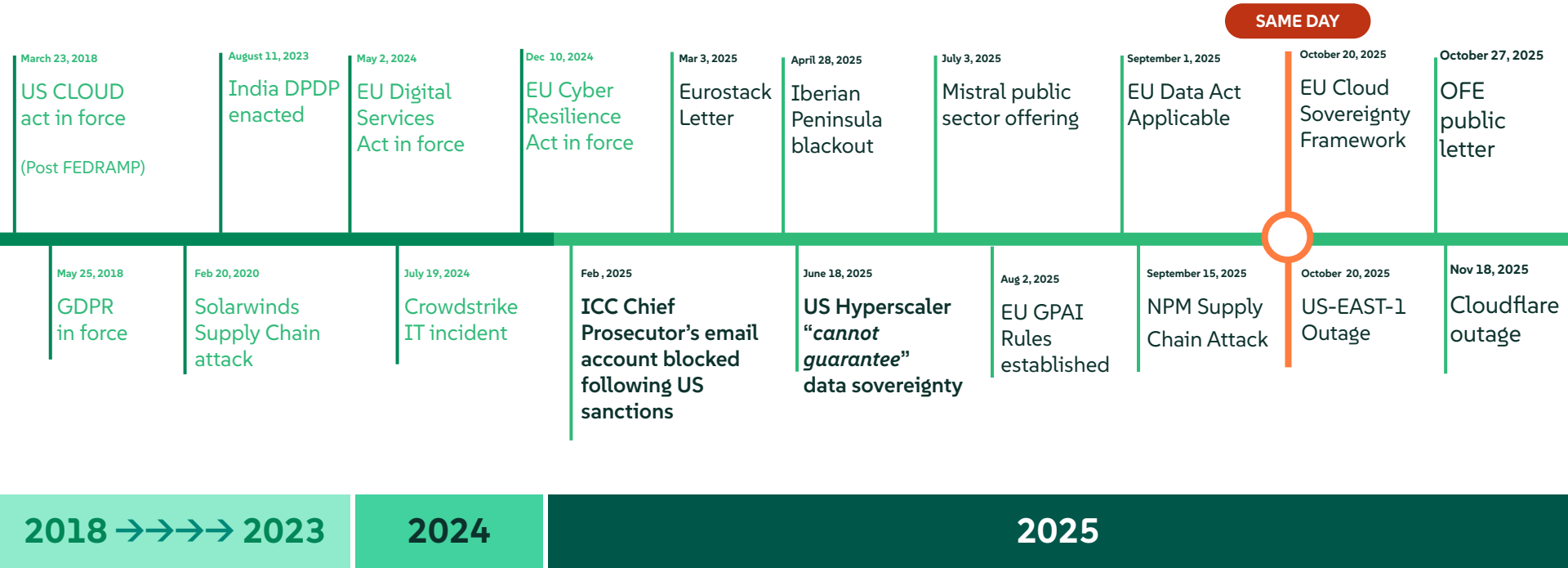
Jungle								
Pine								
Persimmon								
Waterhole								
Fog								
Infographics								







# Acceleration of compelling events

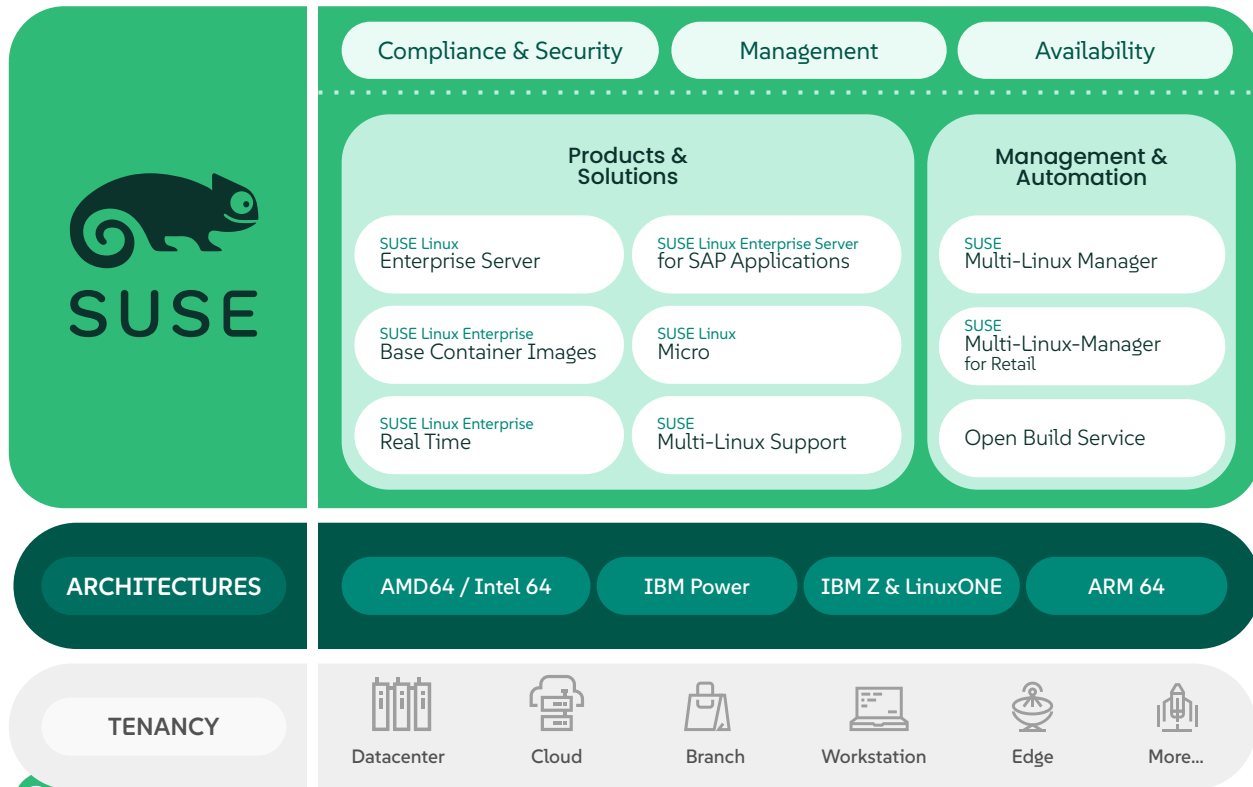


[https://en.wikipedia.org/wiki/CLOUD\\_Act](https://en.wikipedia.org/wiki/CLOUD_Act)  
[https://en.wikipedia.org/wiki/Digital\\_Services\\_Act](https://en.wikipedia.org/wiki/Digital_Services_Act)  
[https://en.wikipedia.org/wiki/Data\\_Act\\_\(European\\_Union\)](https://en.wikipedia.org/wiki/Data_Act_(European_Union))  
<https://mistral.ai/news/ai-for-citizens>

[https://en.wikipedia.org/wiki/2024\\_CrowdStrike-related\\_IT\\_outages](https://en.wikipedia.org/wiki/2024_CrowdStrike-related_IT_outages)  
[https://en.wikipedia.org/wiki/2025\\_Iberian\\_Peninsula\\_blackout](https://en.wikipedia.org/wiki/2025_Iberian_Peninsula_blackout)  
[https://www.theregister.com/2025/07/25/microsoft\\_admits\\_it\\_cannot\\_guarantee/](https://www.theregister.com/2025/07/25/microsoft_admits_it_cannot_guarantee/)  
<https://www.securityweek.com/shai-hulud-supply-chain-attack-worm-used-to-steal-secrets-180-npm-packages-hit/187>  
<https://edition.cnn.com/business/live-news/amazon-tech-outage-10-20-25-intl>



# SUSE Linux | The Foundation of Digital Sovereignty



## Total Ownership via Auditability

Our transparent build and test services ensure you truly own your stack through full, end-to-end auditability.

## Verified Supply Chain (SALSA & SBOM)

Secure software integrity from source to binary.

## EAL4+ & Reproducible Builds

Reproducible builds guarantee your binaries always match the audited source code, eliminating tampering risks.

## 15+ Year Mission-Critical Stability

Digital sovereignty must be operationally viable. We offer the industry's longest lifecycle (18 years), providing the stability required by governments.

## Sovereign AI under Your Jurisdiction

Future-proof infrastructure with open standards. Run local LLMs on-premise or with local partners to keep sensitive data strictly within your legal borders.



# SUSE Edge | The sovereign infrastructure for Telco & Critical Ops

## SUSE® Edge Infrastructure Platform

Vertical Agnostic Backbone

Management  
Agents

Customer Applications

Kubernetes Engine

SUSE Linux Micro

Hardware

## SUSE® Telco Cloud

Telco optimizations:

Supporting VNF/CNF runtimes,  
advanced provisioning, validated  
designs, CAPI

Management  
Agents

Customer Applications

Kubernetes Engine

SUSE Linux Micro

Hardware

### **Strategic Geopolitical Autonomy**

Reduce reliance on non-European vendors. Secure nation-state critical infrastructure against "kill switches" and foreign entity dependencies.

### **Certified & Hardened Compliance**

Adhere to NIS 2, DORA, and the EU AI Act with FIPS and Common Criteria certified stacks.

### **Resiliency by Architecture**

Localized failure domains that ensure business continuity. Edge nodes operate independently of central data centers or unreliable networks.

### **Ecosystem Trust & Interoperability**

Certified hardware compatibility with global OEMs (HPE, Lenovo, Dell). Collaborative support models that eliminate vendor "finger-pointing."



# SUSE AI |

## Sovereign AI infrastructure for the private enterprise

 SUSE® AI

### Observability

Integrated AI Observability for real time insights into GPUs, AI workloads & LLM token counts

### Security

SUSE Security protecting cloud native workloads, combined with LLM Security via Guardrails

### Runtime

UI Driven wizards for easy setup and deployment coupled with GitOps approach for deployments at scale



AI Applications

BRING YOUR OWN



AI Model

BRING YOUR OWN

### AI Libraries

Curated AI tools providing capabilities such as inference engines, LLM proxies, & MCP Server

AI Manager

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