

Ensure sovereignty, enhance security, and maintain compliance with T-Systems' expert cloud sovereignty advisory services.

T Systems



Through Cloud Professional Services, T-Systems delivers modular, expert-led sovereignty advisory services. Whether you're defining strategy, assessing compliance, designing secure architectures, or optimizing workload placement, we ensure your cloud posture aligns with regulatory demands and sovereignty goals. We help you build trust in a secure, compliant, and future-ready environment.

Business challenges

We understand the challenges customers face in maintaining security, compliance, and operational control within the context of cloud sovereignty. Here are key obstacles organizations face.

Strategic alignment and objective setting

How to define clear sovereignty objectives aligned with business drivers, regulations, and national or EU-level sovereignty initiatives?

Compliance and risk transparency

How to evaluate your current infrastructure against sovereignty criteria – data residency, compliance, and operational risks – and identify gaps and remediation priorities?



Business challenges

Architecture and governance design

How to define secure and adaptable architectures, governance models, and SLA frameworks to meet sovereignty obligations efficiently?

Workload and access optimization

How to determine the optimal placement for workloads – balancing cost, performance, compliance, and vendor lock-in – while securing data access and user control?

T Systems

We place you at the right level of sovereignty



We advise – Sovereignty strategy

- Identify sovereignty objectives aligned with business drivers and geopolitical context
- Clarify implications of laws such as GDPR, NIS2, EU Data Act, and extraterritorial acts (e.g., U.S. CLOUD Act)
- Define critical assets and establish a high-level sovereignty roadmap



We assess – Infrastructure, risk, and compliance

- Conduct a structured, multi-level assessment (compliance estimation, gap analysis, risk prioritization)
- Map as-is state of infrastructure against sovereignty standards (e.g. ISO 10866:2024)
- Deliver clear, actionable compliance and risk reports



We review – Architecture and process blueprints

- Design sovereignty-aligned architecture and operational models
- Recommend embedded platform options or tailored architectural solutions
- Define trade-offs and governance models supporting strategic sovereignty goals



We analyze – Workload placement

- Evaluate workloads by data sensitivity, access control, and vendor dependencies
- Provide optimized workload placement recommendations (public/private/sovereign clouds)
- Deliver access governance and vendor compliance advisory

Regulatory compliance and data residency

Aligns operations with national/EU laws and keeps sensitive data within jurisdictional boundaries

Risk mitigation

Prepares your environment for geopolitical and third-party risks through proactive assessments

Enhanced security

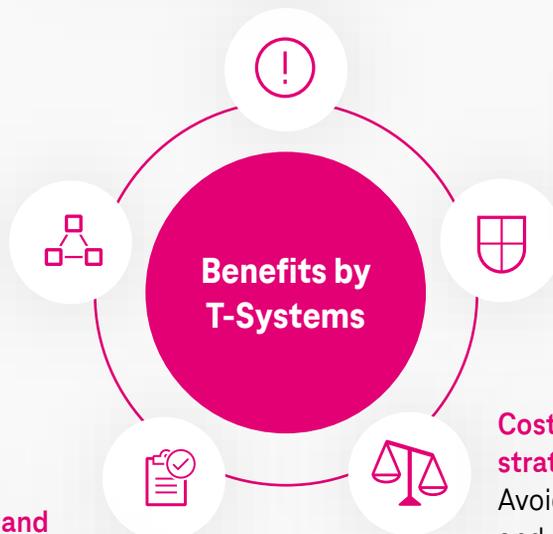
Reduces exposure to external threats and unauthorized access through architecture and governance

Operational independence and performance optimization

Minimizes reliance on non-sovereign providers while improving latency and control

Cost efficiency and strategic flexibility

Avoids compliance-related costs and supports strategic decision-making with a clear roadmap



Ready to take control of your cloud sovereignty? What sets us apart!

Customer intimacy and industry expertise

- ✓ **Deep industry knowledge:** We own expertise in regulated industries such as finance, healthcare, public sector, etc.
- ✓ **Proven track record:** We can showcase successful customer case studies demonstrating sovereignty solutions in action
- ✓ **Regulatory authority collaboration:** We work closely with governments and regulators to shape industry best practices



True end-to-end sovereignty solutions

- ✓ **Sovereign cloud offerings:** We provide sovereign cloud options (private, hybrid, and multi-cloud), ensuring full data control
- ✓ **Data residency and compliance:** We offer certified data centers within regulated jurisdictions (EU, Germany, etc.)
- ✓ **Multi-cloud integration:** We provide sovereignty solutions that work with hyperscalers (AWS, Azure, GCP) while ensuring compliance



Compliance and security leadership

- ✓ **Guaranteed compliance:** We offer solutions that meet GDPR, Schrems II, CCPA, NIS2, DORA, and other local data laws
- ✓ **Highest security standards:** We leverage zero-trust security, encryption, and sovereign access controls
- ✓ **Data protection from foreign jurisdictions:** We ensure data is not subject to extraterritorial laws (e.g., U.S. CLOUD Act)



“This award is a special recognition of our work in the area of sovereign cloud solutions. It shows that we are well on our way to supporting companies and public institutions with secure, data-sovereign cloud solutions that meet strict data protection and compliance requirements.”

Dr. Christine Knackfuss-Nikolic, Chief Technology Officer, T-Systems



Let's explore how T-Systems can help secure, comply, and thrive data in a sovereign cloud environment.

Contact us

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Published by

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Hahnstrasse 43d
60528 Frankfurt am Main
Germany