

Digital Speed for Automotive

How you can reduce costs and
increase efficiency through IT
optimization.

with
room for
your own
ideas



T Systems

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Dear readers,



The measure of intelligence is revealed in the ability to change.

I wish I had the copyright to this quote. Unfortunately, however, it is not mine, but comes from one of humanity's great dreamers: Albert Einstein. With his ideas about space and time, he changed our view of the world and opened a new chapter for humanity.

In 2026, we may feel more than ever that the power to change is the key to success, and this also applies to the automotive industry: What used to last for decades is now dissolving in just a few years—thanks to new ways of thinking, new markets, and new technologies. And those who stand still and cling too much to the old ways will be left behind.

To remain relevant, you not only need to understand what is happening in the markets, but also be able to respond and adapt. As an automotive supplier, what scope do you have to adapt to the dramatic changes in the markets—or perhaps even shape them?

With this IT Value Booklet, we want to shed light on the situation and highlight perspectives for competitiveness and cost efficiency: a „technology boost“ to develop and sell innovative products. This requires investment—and that in a situation where saving money is becoming the norm. How can this be achieved? The opportunities offered by the modern digital world make it possible to square the circle.

We hope you find this an inspiring read—and we also offer you plenty of space for your own ideas. We would be happy to talk to you and work with you to develop the right measures for your needs.

Yours

Matthias Ebeling

Tribe Lead Automotive Key Accounts & Manufacturing, T-Systems

Tuning the Enterprise



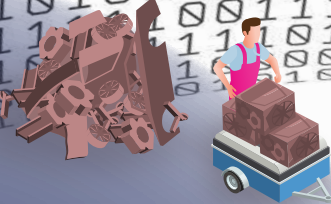
AUTOMATION

Software robots take over standard processes



OPTIMIZATION OF THE APPLICATION LANDSCAPE

Get rid of technical debt



1

2

SUPER FUEL: DATA

Create value-add with data



3

START

DIGITAL STRATEGY

For transformation and cost efficiency

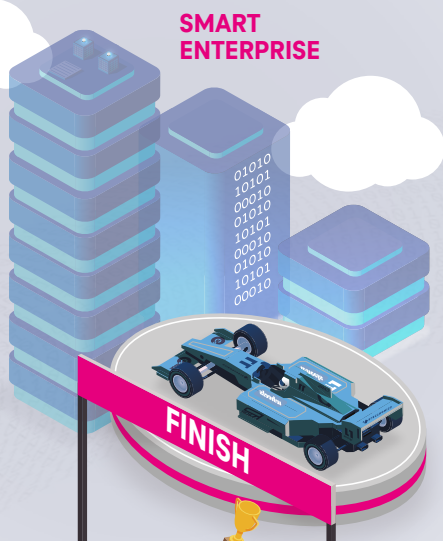
CHALLENGES

Geopolitical developments, Chinese competition, US tariffs

AUTOMOTIVE SUPPLIER

Automotive suppliers who want to succeed in a turbulent environment must embark on a transformation journey. Take advantage of digital tuning potential for your company—just like a car in a race.

SMART ENTERPRISE



SOVEREIGNTY

Full speed ahead: independence, freedom to shape



RISE WITH SAP

New business engine



SMART FACTORY/ METaverse

Transparent, adaptable production and efficient planning



ARTIFICIAL INTELLIGENCE

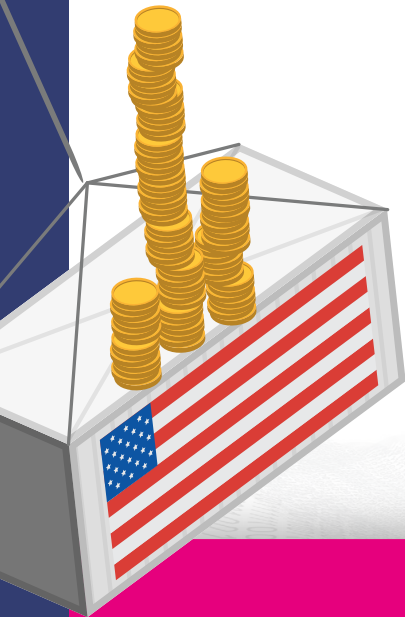
Bridge skill gaps, increase productivity, unburden employees





The outlook is not rosy: market share is shrinking

The European automotive industry is more than just an industrial sector—it is an important part of the prosperity and standard of living achieved in Europe. Especially in Germany, the motherland of individual mobility, the automotive industry stands for a globally recognized engineering tradition. Millions of jobs and highly specialized and complex industrial value creation networks depend on it. But this foundation is increasingly being shaken.



The current upheavals (electromobility, Chinese competition, US tariffs) in the market are affecting automotive OEMs, but even more so their suppliers, from Tier 1 to Tier n. Since 2019, VW and Stellantis alone have lost around 4.3 million vehicles in production volume—a decline of 18 percent and 29 percent, respectively (The reconfiguration of value creation architecture, Strategy&). This volume is now directly missing from European suppliers. The result: idle capacity, high costs, lower revenues.

Transformation is key in the race for future market share. But how can it succeed in the face of thin capital reserves and, as a result, narrow innovation budgets?

In a study conducted by consulting and auditing firm Baker Tilly in June 2025, executives at automotive suppliers paint a bleak picture of the situation. 79 percent of those surveyed rate it as poor. Two-thirds expect a significant number of competitors to go out of business within two years. Half (51%) acknowledge that China has an unassailable lead in key technologies.

The structural shift in the automotive market toward electromobility and the emergence of new competitors, especially from China, has led to massive shifts in the market. European, especially German, automotive suppliers must now „reinvent themselves.“

Production volume

- 4,3 m

vehicles

79%

**of automotive
suppliers consider the
situation to be poor**





Learning from the dragons

In an article in the Financial Times, Benjamin Krieger, Secretary General of the European Association of Automotive Suppliers (Clea): „The dragon in the room is China. Chinese OEMs are bringing technically well-manufactured vehicles to market at an extremely low price.“ A comparable cost gap exists between combustion engines and electric vehicles. This advantage arises before sales, marketing, or margins—it is essentially a matter of structural manufacturing costs.

Chinese vehicles are not more durable or safer. But they are developed faster, more software-intensive (designed as digital products), better priced, and more closely aligned with today’s usage patterns.

51%

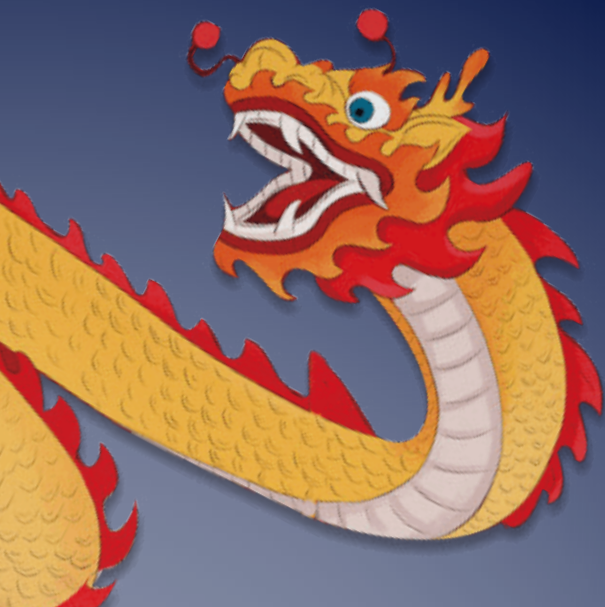
Automotive suppliers consider China’s lead in key technologies to be unassailable



Three success factors of the Chinese automotive ecosystem are worth a closer look and should also be considered in Europe:

- **Software-first thinking:** Whoever controls the software controls the value creation. China thinks of vehicles as digital products with central computer architectures and over-the-air updates as standard. Infotainment, driver assistance, energy management, and user experience are closely interlinked.
- **Consistent data usage:** China has huge vehicle fleets, and a High acceptance (including legal acceptance) of data-based optimization. This leads to faster optimization cycles for ADAS, battery management, and predictive maintenance. AI models learn more realistically and faster. Higher data volumes and speeds lead to a technological advantage.
- **Industrial speed („China Speed“):** China gains time by sacrificing perfection. While validation takes months in this country, Chinese manufacturers are already collecting market data. They adapt in the field through data feedback and rapid iterations with software updates.

The digital elements (data and software) that result in industrial speed are also key areas of action for transformation in the automotive supply industry in this country. This requires not only strategies, but also the appropriate „IT equipment.“



Transforming business with limited funds

In view of the difficult (lock-in) situation, consultants repeatedly call for greater industry diversification among automotive suppliers and a broadening of the customer base, e.g., towards defense. This may prove sensible in the long term, but such a realignment cannot address the current pressure to optimize costs.

Less radical and better suited to the existing business model are the options offered by a changing automotive industry—and the move away from segments that cannot be saved in the long term. Europe will lose where volume is decisive and can only win where complexity counts.

Potential new/expanded business areas include power electronics (inverters, silicon carbide), electric motors, ADAS sensor technology, and battery management with a focus on system packages, as well as digital topics such as vehicle OS and middleware, ASIL-D software, system integration, and industrial AI. European suppliers have an advantage here thanks to their high level of regulatory expertise and safety and liability know-how.

It sounds promising, were it not for the thin capital base: despite all their strategy, automotive suppliers also need the appropriate innovation/transformation budgets for business transformation. And the outlook is bleak: a recent analysis (January 2026) by management consultancy Falkensteg predicts that 70 percent of suppliers will see returns of less than five percent in 2026 if production continues to decline—which is below the threshold for future investments.

Those who want to remain relevant in the market must cut the Gordian knot. However, reducing costs and driving forward corporate transformation at the same time is like trying to square the circle in management.

Return
< 5%
at 70% of suppliers



“

„This is where a digital strategy that supports both elements of corporate strategy comes into play. Transformation and cost efficiency must go hand in hand. Suppliers who want to create a new basis for digital capabilities should also take advantage of cost benefits that finance the transformation. The digital strategy is an economic lever for reducing costs, managing complexity, and regaining the ability to innovate.“



Claudia Deblitz
Global Account Manager,
T-Systems



The IT components that automotive suppliers need for a high-performance, cost-efficient digital foundation include: transformation and optimization of the application landscape, automation, data ecosystems, artificial intelligence, SAP RISE and the Industrial Metaverse. When introducing these components, automotive suppliers should always keep sovereignty and security aspects in mind.

Contributions to digital success: budget flexibility and competitiveness

Transformation and optimization of the application landscape

Many companies are dominated by legacy systems that have evolved over time. As „technical debt,“ they not only tie up capital but also limit technical possibilities. A holistic transformation from infrastructure to application increases stability and flexibility, simplifies innovation, and identifies potential cost savings. It is important to also consider sovereignty aspects during the transformation.

Automation

With or without AI, automation can perform a wide range of manual processes—even across media breaks between different systems. Costs go down for good, processing speeds up, and mistakes are minimized.

Data ecosystems

The availability of high-quality data is of fundamental importance for AI. It is the main asset of German manufacturing companies for the AI age. Data spaces such as Catena-X allow for easy and secure exchange. The age of data silos is coming to an end, paving the way for new business models.

Artificial Intelligence

Even today, standard AI application scenarios offer a wide range of opportunities for increasing employee productivity by taking over time-consuming standard tasks. This reduces the workload on employees, bridges skill gaps, and lowers costs. Writing and (highly automated) migrating (legacy) code is one of the AI applications with the highest added value in the transformation of automotive suppliers. The speed of code generation increases and errors are reduced. With specific AIs (also as part of services/products), automotive suppliers can also differentiate themselves from the competition.





European automotive suppliers have the data that is important for shaping AI and new business models. Build your foundation to make the most of your data. Use private AI models to protect your IP and increase competitiveness



Valerio Zanetti -Ueberwasser
System Architect Technology & Innovation, T-Systems

RISE with SAP

One special topic of transformation is the introduction of RISE. To continue receiving full SAP support and take advantage of future SAP innovations, SAP users must implement RISE. However, the RISE construct has little understanding for landscapes that deviate from the standard. Premium suppliers for RISE combine SAP innovations with the operation of existing applications and minimize transformation efforts.

Industrial Metaverse

The Industrial Metaverse is a core component of smart manufacturing. High-end GPU platforms enable realistic representations of production. Digital twins help to plan and adapt factories and production more quickly.

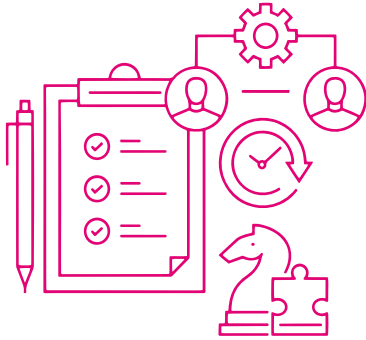


AI has long proven its added value for automotive production and development—and is now becoming a competitive differentiator.“

Dr. Maja-Olivia Himmer
AI & Sovereignty Strategy Lead, T-Systems



Application examples



The following application examples demonstrate the positive effects of digital tools for cost reduction and business transformation or innovation. They offer a small insight into projects that we have implemented together with customers in the automotive and manufacturing industries. The projects show that you can achieve cost reductions and efficiency gains in your business environment, in some cases even at short notice, and thus support your transformation.

In addition to the technological options, keep in mind that services with low value-added contributions, such as application management, can also be sourced cost-effectively offshore and nearshore.

Data



AI

AI



Application example

**Transformation/
app optimization**



Automation



**Automotive supplier
transformation journey**

Sovereignty



Smart factory



Start-up capital: optimization of the application landscape

A global chemical company is planning to exit a business area as part of a business transformation. All units are required to provide funds for the business transformation through cost savings. The IT department must make a significant contribution to these cost reduction targets. And the potential is there: internal analyses show that operating expenses are twice as high as those of competitors. Among other things, this is due to the huge, complex IT landscape with a significant proportion of legacy applications that cause inefficiencies. A transformation, consolidation, and optimization of the IT landscape could contribute significantly to cost savings.

#CostReduction
#ApplicationOptimization

As part of its @Vantage framework, T-Systems used AI-based tools to analyze a section of the IT landscape within four months: 37 cloud applications and 17 on-premises applications.

The landscape evaluation provided the chemical company with an up-to-date overview of the systems examined—at the infrastructure and application level. T-Systems identified potential cost savings of over €1.8 million per year.

Based on the recommendations of the evaluation project, the infrastructure resources used for three applications were adjusted within the scope of the project: This enabled the chemical company to achieve short-term savings of €200,000 per year. Beyond the short-term savings, the analysis also identified medium- and long-term cost-saving potential, e.g., by switching to open-source databases (which also reduces technological dependencies).





Complex IT landscapes burn through budgets and block transformation. An assessment quickly shows how automotive suppliers can reduce costs in the short term.

Christine Welsch

Head of Digital Solution Sales Automotive & Manufacturing, T-Systems



Transformation processes are often complex, requiring good planning and prioritization of sub-
However, even small projects can quickly generate initial successes in efficiency and cost optimization. With the T-Systems @Vantage framework, we guide you through this process in line with your goals and requirements. We also identify cost reduction potential that can be realized quickly for you.

Contact us to arrange a free 1-day workshop.

Christine.Welsch@t-systems.com



Automation and AI relieve in-house service personnel

The story of IT service is the same in every industry: lots of tickets, most of them standard. Far too few staff with far too little time. The situation can easily be transferred to the HR environment: with sick notes, vacation requests, and training courses, there are also frequently recurring processes that occur in every company.

Existing knowledge databases and the standardization of processes provide an excellent basis for reducing the workload of IT and HR service staff and increasing the proportion of user self-service. Both classic automation (RPA) and intelligent (hyper) automation using AI can be used for this purpose.

#CostEfficiency
#EmployeeProductivity
#ITOperationEfficiency

Like almost no other technology within digitalization, automation achieves tangible and quickly realizable benefits: Development times for the solution are short (days or weeks), and complex integration projects

are not necessary because the automation solution is independent of the existing IT architecture and is added as an additional layer "on top" of existing systems. In addition, the added value of automation is substantial: time savings of up to 85 percent for the supported processes or a reduction in throughput times of up to 50 percent. As a result, an automation solution pays for itself very quickly and reduces costs in the long term.

T-Systems has implemented automation solutions based on various technologies for different customers: ServiceNow, UiPath, Pegasystems, Microsoft Copilot, and T-Systems' own AI Operator automate IT help desk and HR inquiries.



HRcules: Automation powerhouse for human resources management

800 HR processes in 25 countries, all with different regulations—the workload for human resources management at Deutsche Telekom Services Europe (DTSE) was immense. The result: inefficiency, compliance risks, and, above all, a rather moderate employee experience. Human resources agents were confronted with redundant inquiries, and processes for employees were largely opaque. Dissatisfaction was correspondingly high.

HRcules supports
190,000
end users

With the HRcules initiative, HR managers made a major cut, replacing outdated legacy systems, for example for order management and call center applications.

The transformation project, carried out in collaboration with automation provider Pega, consolidated and optimized the company-wide process landscape. The result was a uniform platform for all employees, where they can access all HR services via self-service and obtain full transparency about the status of their requests. It integrates all existing contact channels, expands them with an AI-based chatbot, and standardizes all front ends for customers and administrators. The Pega-based business process management solution closes the gap between SAP HCM, SAP Success Factors, and other HR systems. 500 of the 800 processes were retired.

#Hyperautomation

The structuring of all customer requests to the HR service enables efficient and largely automated processing. The „zero-touch“ rate in the area of working time issues was increased by 35 percent, and redundant requests and applications were reduced by 80 percent. The solution was implemented three times faster than in a comparable ERP setup.

HRcules processes
230,000
HR tickets
per month



Robotic process automation in IT support

T-Systems introduced robotic process automation (RPA) to the IT support department of a global automotive manufacturer to reduce the workload of service employees. In just three months, six complex bots were created to take over various sub-processes from 17 applications. Of the 24,000 tickets processed annually, robots automatically handle 14,000—with a 90 percent success rate. This gives the service team more freedom to focus on challenging and strategic issues, such as problem analysis and infrastructure and architecture improvements. The robots take the pressure off the team and boost motivation. Automation has also significantly reduced ticket turnaround times: instead of four to six days, most tickets are resolved in a maximum of four hours. What used to take humans three hours, the bot now does in 15 minutes. A clear gain in efficiency. The higher service quality is clearly reflected in the decline in escalations.

Intelligent automation with Microsoft Copilot in IT support

The help desk of a manufacturing company was struggling under the weight of support requests. Thin staffing led to long processing times for tickets. The result: impaired productivity in the departments and employee dissatisfaction.

Due to the existing Microsoft tech base, T-Systems used MS Copilot in this case. Within two months, the team trained a bot with data from the existing ticket system and integrated it into MS Teams. Users now first reach the bot, which helps them resolve standard tickets independently. The ticket load on service staff has fallen by 60 percent, and the average resolution speed has halved.



Automation solutions relieve cross-functional areas such as IT and HR of standard tasks and create space for strategic tasks.



In just a few months, automation generates greater efficiency and reduces complexity. Companies become faster and save costs. Automation belongs in every digital strategy.

Marc Beckers
Automation Expert Automotive,
T-Systems



**We also offer free
1-day workshops to get you
started with (hyper)automation
solutions. We look forward to your inquiry.**



Application example

Easily integrate PLM systems

PLM (product lifecycle management) systems such as Siemens Teamcenter and PTC's Windchill are crucial for development processes. PLMs are usually proprietary, self-contained worlds. Different data formats and limited capabilities for exchanging data with other systems (even beyond the PLM world) are the result of this silo mentality among manufacturers—a common phenomenon in the engineering tool landscape. **#EfficientDataManagement**

This situation hinders collaboration between R&D teams, for example in the case of „mechatronic“ products (such as e-axles), when the mechanical designs are in Teamcenter and the electronics/software designs are in Windchill.



Consolidating the PLM landscape within the company is the obvious solution to this problem. However, this is a lengthy process and will only bring cost benefits in several years. Federated PLM integration allows the systems to coexist without massive intervention (e.g., disruptive „rip and replace“ migration). The T-Systems PDM Web Connector, a central data hub, has established itself in the automotive industry for this purpose. It enables bidirectional exchange between a wide variety of systems and ensures data consistency. As a data connector

between the various PLM systems, it creates semantic interoperability—and thus also supports the transition of the systems to a common new target system.

The T-Systems PDM Web Connector has proven its integration capabilities in various projects, e.g., in the carve-out of Vitesco Italy Srl to the Punch Group, where more than 300 data and CAD structures were transferred from Windchill systems to Teamcenter in just three months. The PDM WebConnector also supports the introduction of digital twins, Industrial Metaverse, and Catena-X. It provides data in a standardized and automated manner for the new platforms and ecosystems.



Application example

Break down data silos and share data in a sovereign manner

Catena-X has put its finger on the problem: it is no secret that data within the automotive ecosystem is still largely siloed, making it difficult to access for consolidated value creation. This applies not only to data transfer across company boundaries, but also within companies.

Data spaces offer a modern solution for sharing data confidently and as needed—in other words, in a way that allows the data owner to retain control over the data and transparency about its intended use.

Data spaces thus help companies strike a balance between sharing data (as required by regulation) and protecting intellectual property (in the company's interest).

#DataSovereignty
#EfficientDataUse
#BusinessTransformation

T-Systems enables automotive suppliers and OEMs to securely participate in the Catena-X ecosystem with a complete end-to-end portfolio: consulting and onboarding, connectivity and integration (EDC-based secure data exchange), and Dataspace-as-a-Service for development and scaling of use cases. As the central point of contact, we coordinate all parties involved and take care of the technical, organizational and compliance requirements. Customers benefit from faster return on investment, reduced complexity, certified interoperability, and a scalable foundation for use cases such as product carbon footprint, traceability, and digital product passports.

Customer examples such as automotive suppliers Witte Automotive and Flex demonstrate the added value of data spaces in Catena-X for becoming part of automotive data chains.

More infos on our
Catena-X/data space
offers



AI Engineer automatically develops and transforms code

IT experts, especially for software development, are rare and correspondingly expensive. At the same time, the leap into software is becoming increasingly important for automotive suppliers to occupy the fields that will be systemically relevant in the coming years.

#Transformation
#ProgrammingEfficiency
#Speed
#CostOptimization

Against this backdrop, the potential of AI is too great to ignore. In addition to knowledge management (chatting with data), AI is establishing itself primarily as a programming assistant. It generates, modernizes, and transforms apps. What used to take six months now takes only minutes with AI—and at significantly reduced costs.

70%
of repetitive software engineering tasks automated

With AI Engineer, a flexible, AI-based development tool, T-Systems supports developers in code analysis, debugging, optimization, and code generation. AI Engineer can also be used in particular for projects in which old (legacy) code bases are to be analyzed, refactored, and converted (integrated) to

new standards in a largely automated manner. This reduces dependence on manual (error-prone) system integration—and the cost burden of legacy code.

AI Engineer automates routine tasks, giving development teams more time for more complex tasks. The bottom line is that AI Engineer reduces migration times by an average of 30 percent, which also means that consolidation synergies are realized more quickly.

80%
of legacy systems automatically migrated

Watch our video on AI transformation



In-house GPT based on AI Foundation Services

Research and development departments at automotive suppliers need information from various systems (including retrospective information) for their work. Finding the right data is a complex and time-consuming task due to the silos. Large language models (LLMs) simplify knowledge management as assistants for development engineers and take on complex research tasks in internal systems. However, to protect intellectual property, the assistants must be developed and operated in a sovereign manner.

T Cloud Public offers a complete package for this with the help of AI Foundation Services: a selection of different LLMs, Retrieval Augmented Generation (RAG) for connecting internal systems, and fine-tuning. The resulting assistant thus has the necessary contextual knowledge to provide targeted support to engineers. Operation in the T Cloud Public ensures that R&D prompts and data remain under the control of the automotive supplier.

#EngineeringEfficiency
#KnowledgeManagement
#Sovereignty



Sven.Giesselbach@t-systems.com



Discover the potential of AI in a free Excite-and-Ideate workshop and develop your own use case



Application example

Ensuring the future viability of SAP—hybrid RISE

An automotive supplier is known for its pioneering premium lighting and electronics systems. With over 10,400 employees worldwide, the company generated sales of over €1.5 billion in 2024. The enterprise is pursuing an intensive expansion and investment program. It is represented in the most important growth markets and is continuously working to expand its global presence.

The automotive supplier wanted to transform its historically grown, heterogeneous SAP landscape with various interfaces and non-SAP peripheral systems to RISE and stabilize operations. However, due diligence revealed that SAP would not include all systems in the RISE construct. In addition, the company had sovereignty reservations about using a US hyperscaler. This meant that a standard RISE approach was not possible, either from a technological or strategic perspective. In T-Systems, the supplier found a „RISE with SAP Premium“ partner that was able to build a hybrid SAP landscape that was optimally suited to the company’s current situation. It ensures support through RISE compliance and access to SAP innovations.



Application example

“

SAP is the backbone of production and logistics. RISE is fundamental to SAP’s future viability. But your room to shape the outcome is greater than you might think.

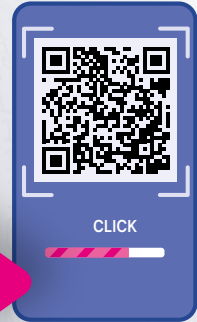
Tom Bartmann
SVP SAP Sales, T-Systems





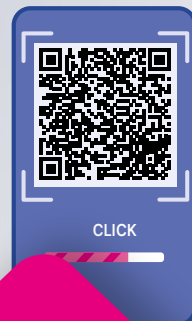
#Future-proofSAP
#CostOptimization
#Sovereignty

[YouTube video: Advantages of a hybrid RISE approach](#)



With T Cloud Private (formerly Future Cloud Infrastructure, FCI), certified by SAP for RISE, T-Systems had the right cloud for reliable and highly available SAP operations in RISE and non-RISE mode. With the private cloud, T-Systems was able to offer a higher SLA of 99.9 percent (compared to hyperscalers). In addition to the operating platform, T-Systems, as a premium supplier for RISE, contributed comprehensive SAP consulting, migration, and operating expertise.

T-Systems migrated all systems to T Cloud Private, two-thirds of which run under the RISE umbrella. After the hypercare phase, T-Systems took over the operation of the entire SAP landscape and peripheral systems (label printers, file servers). The systems have been running without interruption since the takeover. The solution meets the automotive supplier's requirements for sovereignty, future-proofing, and minimal changes to the SAP landscape.



[Read the white paper about SAP RISE](#)



Application example

Smart manufacturing with the Industrial Metaverse

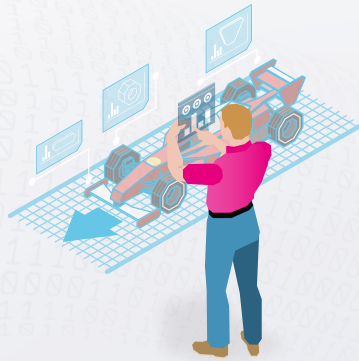
Business transformation and higher production efficiency are closely linked to the concept of smart manufacturing. The development of smart factories promises increased flexibility and transparency. Location-independent real-time production control, AI-based automation, and predictive maintenance enable a completely new way of working (together) and managing production. But smart manufacturing goes beyond the shop floor—it connects it with the business domains of engineering and sales/after sales.

As already described, the starting point for building smart manufacturing is the integration of various data sources and their combination into digital twins. The various digital twins (of workpieces, machines, etc.) can be brought into their real-world context in the Industrial Metaverse. The Industrial Metaverse thus becomes a digital representation of the factory.



Application example

#BusinessTransformation
#ProductionEfficiency



The key added value of this digital representation is obvious:

- Faster factory planning: Errors are detected and corrected earlier
- Central dashboards: real-time transparency of production status
- New collaboration models: simpler and clearer coordination
- Process modeling (simulations): rapid adaptation of production

Together with consultants from Drees und Sommer and NVIDIA, T-Systems has developed a comprehensive concept for building Industrial Metaverses.

At the end of 2023, Continental unveiled its „ContiVerse,“ an Industrial Metaverse solution for transforming factory planning and manufacturing operations.

ContiVerse is based on NVIDIA Omniverse. As an integrator, T-Systems contributes its know-how for NVIDIA Omniverse and its expertise from numerous virtual factory planning projects. In collaboration with Continental’s research and development department, T-Systems is creating a wide range of functions within the Industrial Metaverse.

With ContiVerse, Continental is leveraging the possibilities for virtual layout planning, shop floor audits, footprint simulations, and much more. Continental employees can immerse themselves in fully digital production environments to explore the possibilities of collaboration within a smart factory. They have access to all plant data and product information in real time.

Make an appointment with our manufacturing experts at the Innovation Center. Together, we will develop a suitable smart manufacturing concept for your company in co-creation mode.



Application example

It doesn’t always have to be an Industrial Metaverse. Companies can also start smart manufacturing with “smaller” digital solution modules. The Industrial Metaverse can integrate these later.

Sovereign cloud platforms for artificial intelligence and more ...

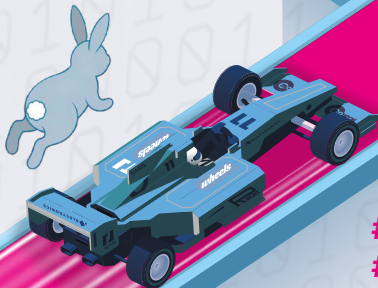
In the face of international competition, the protection of intellectual property has been and remains a top priority for automotive suppliers. In the era of AI, the best data gives rise to differentiating AIs—and this makes the issue of sovereignty even more important.

In the long term, a sovereign, i.e., resilient IT setup brings strategic advantages. In any case, sovereignty should be considered across the entire IT stack. However, it starts at the base: with infrastructures/platforms that are reliably available, whose availability users can largely control, and that comply with European standards and laws.

With the multi-award-winning (ISG, Forrester) T Cloud Public and the Industrial AI Cloud launched in early 2026, T-Systems offers two powerful clouds for AI scenarios that can be easily integrated into multi-cloud strategies with hyperscalers. T Cloud Public offers short-term access to H100 GPUs, while the Industrial AI Cloud offers state-of-the-art NVIDIA hardware: DGX B200 systems and RTX PRO servers. Companies that need large GPU resources, e.g., for developing their own AI models, will find what they are looking for in the Industrial AI Cloud. With its GPUs, it increases the AI computing power available in Germany by 50 percent! T Cloud Private (formerly Future Cloud Infrastructure) is also available as part of the T Cloud portfolio.



Application example



#Sovereignty
#Flexibility
#Transformation Basis



The cloud is the engine of digital development. Sovereignty ensures that we control it securely, independently, and responsibly.“

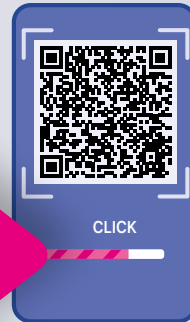
Tilmann Mayer-Wagenmann

Head of Cloud Services Sales,
Automotive & Manufacturing Industries,
T-Systems

+ 50%

AI compute power in Germany

**Find more information on
Industrial AI Cloud here**



T-Systems maintains top-level partnerships with leading hyperscalers AWS, Azure, and Google Cloud and has many years of experience in professional and managed services. Independent market observers have rated these services as market-leading for years. The combination of hyperscalers, independent consulting expertise, and our own European T Cloud portfolio creates the right level of sovereignty for cloud landscapes for every requirement. The T Cloud portfolio includes T Cloud Public, our own European hyperscaler.



Application example

Make your plan and tackle the transformation

Sitting it out and waiting for better times is not an option in view of competitive pressure and disruption in the market. As an automotive supplier, you need to look ahead and change. Transformation is the order of the day if you want to capture market share in future markets. In this situation, your IT must become an enabler, facilitating new business. It must lay the foundation for transformation—both technically and financially. There are two medium- and long-term approaches for legacy systems that are both effective and increase efficiency:



1. Cutting old IT ties and introducing powerful and scalable infrastructures and platforms. These create financial flexibility and new technical possibilities, e.g., for software-defined products.
2. Where old systems remain (or must remain), additional management layers with automation or AI can provide pragmatic transitional solutions that will strike the necessary balance between maintaining the status quo and ensuring future viability in the coming years.

AI is, like it or not, becoming an essential part of business. In the short term, it can already create additional capacity and bridge skill gaps—in the long term, AI can create differentiation and competitive advantages based on unique data.

However, with all plans involving AI, automation, and the cloud, you should not lose sight of sovereignty and security aspects. Extensive control over data and systems will enable you to act and react in the long term—even in geopolitically turbulent times. As a German provider with a clear commitment to Europe, we are at your side.

Let's talk. I am convinced that together we can develop ideas that will give you fresh perspectives.

Yours
Matthias Ebeling

Experienced partner for business transformation

T-Systems stands for a combination of unique process and technology expertise and a comprehensive portfolio of ready-to-use solutions. We have automotive DNA, are the number one in automotive IT, and can look back on more than 25 years of experience. With an international community of over 3,000 automotive experts, we implement more than 5,000 projects every year for the digital future of automotive development and production.



Nº 1
in automotive IT



3,000
autotomotive experts

We are experts in process solutions, Artificial Intelligence, automation, digital twins, and the Industrial Metaverse, and offer a uniquely broad multi-cloud portfolio. We are quick to adopt the latest methods and technologies. We have a strong sovereignty and sustainability agenda. As a co-founding member of the Catena-X initiative, we are certified as a business application provider, advisory service provider, enablement service provider, and onboarding service provider.

25 years
experience

> 5,000
projects/year

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