



Digitalization & AI:

How a Germany-wide gas station network is embracing the digital future with SAVECALL

Challenge: Decentralized IT infrastructure, high complexity, no centralized control across all locations

SAVECALL Service: SD-WAN networking, centralized network management, AI-enabled infrastructure

Result: +40% network availability, -25% IT overhead, digital & scalable for new services & automation

Key to digitalization is connectivity.

A Germany-wide network of gas stations partnered with SAVECALL to embrace technological change. The goal was to connect hundreds of locations via a central SD-WAN structure and to create a foundation for AI-based applications, process and real-time monitoring. The result: Less effort, more control—and a real step toward the future.



Digital Transformation Across Hundreds of Locations

A Germany-wide network of gas stations with several hundred locations faced the challenge of taking its decentralized IT infrastructure to the next level. The goals: centralization, future-proofing, and laying the groundwork for the use of AI and automation.

Today, gas stations are far more than just places to buy fuel. They are hubs for digital services—from payment processing, digital price tags, and point-of-sale systems to the control of EV charging stations, video surveillance, and predictive maintenance. Without a stable, scalable, and easily manageable [network infrastructure](#), these services cannot be operated reliably.

At the same time, requirements are growing:

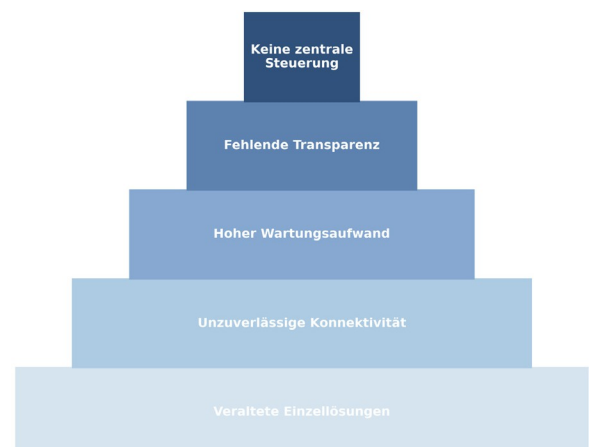
- New legal requirements for [IT security](#)
- The need for cost control and process optimization
- Increasing competitive pressure from digital platforms

The Challenge

The existing infrastructure was based on outdated, standalone solutions with unreliable connectivity, high maintenance costs, and a lack of transparency.

The goal was comprehensive networking of all locations, with centralized management, automated control, and scalable bandwidth.

In addition, new requirements for security, availability, and efficiency had to be met without disrupting ongoing operations.



The Solution: SD-WAN & Infrastructure Modernization by SAVECALL

Together with SAVECALL, a concept was developed that relies on modern technologies and complete transparency:

- [SD-WAN rollout](#) across all locations: Secure, flexible, and centrally managed – with Quality of Service for critical applications.
- Central Internet backbone & monitoring Real-time monitoring, automated failure scenarios, logging & reporting.
- [Mobile & Lifecycle Management](#) Centralized management of mobile devices, MDM integration, and optimized contract structures.
- Future-oriented architecture for AI usage
Laying the foundation for AI-based price optimization, data analysis, predictive maintenance, and smart energy management.

Results and Benefits

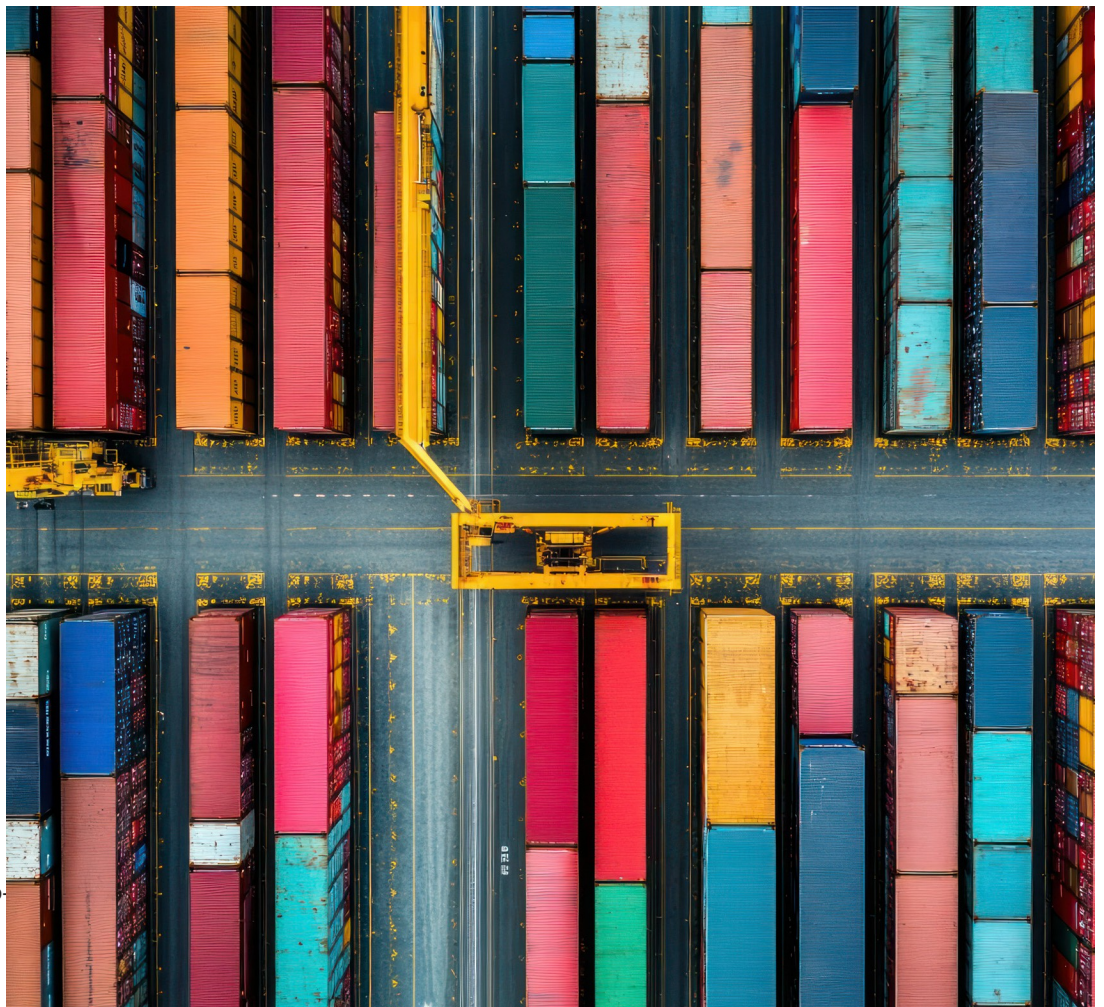
- +40% higher network availability through redundancy & monitoring
- 25% reduction in administration & support costs
- Infrastructure ready for immediate use for new digital services (e.g., EV charging stations, customer data analysis)
- Clear visibility across all locations & systems through centralized control

The new infrastructure creates a unified, centrally controllable network solution that significantly reduces operational effort, sustainably lowers operating costs, and At the same time, maximum availability and security are ensured.

Thanks to flexible scalability and the seamless integration of modern technologies, a solid foundation has been laid to efficiently meet future requirements—such as those in the areas of AI, automation, or data analysis. This paves the way for long-term, economically viable, and technologically future-proof development.

Efficiency reimagined

Automated processes, centralized control, and uniform standards reduce effort and accelerate day-to-day operations.





S About SAVECALL

SAVECALL Telecommunication Consulting GmbH is your independent consultant for modern telecommunications and network solutions. For over 25 years, we have been helping companies set up their infrastructure to be future-proof, scalable and cost-optimized. Our customers benefit from in-depth market knowledge, a direct line to over 80 leading providers, and customized solutions from a single source.

With our mySavecall portal, you can keep track of your contracts, invoices, statuses, and tickets—anytime, anywhere in the world.

Trusted Sourcing Advisor. Sourcing that inspires.

Case in brief

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Would you like to achieve similar results?
Let's optimize your telecommunications together.

+49 (0)89 904 10 50 00

kontakt@savecall.de www.savecall.de