



# Internet Resilience:

How a manufacturing company uses Savecall to protect its production against internet outages

**Challenge:** Production downtime due to unstable internet connection, lack of redundancy, manual emergency procedures

**SAVECALL Service:** “Platinum” redundancy solution with separate paths, automatic failover, and node-disjoint connectivity

**Result:** 99.99% availability, uninterrupted operation, freeing up the IT team for new services & automation



## Industry 4.0 requires availability

How a manufacturing company made its internet connection fail-safe with Savecall

Digital manufacturing, IIoT, and connected logistics require a stable, uninterrupted internet connection. Yet this is precisely where critical vulnerabilities often lie.

A medium-sized industrial company has worked with Savecall to find a solution that ensures 100% production reliability even during disruptions or maintenance work.

### The Challenge

A medium-sized manufacturing company with around 250 employees operates a highly automated production facility that relies heavily on digital processes:

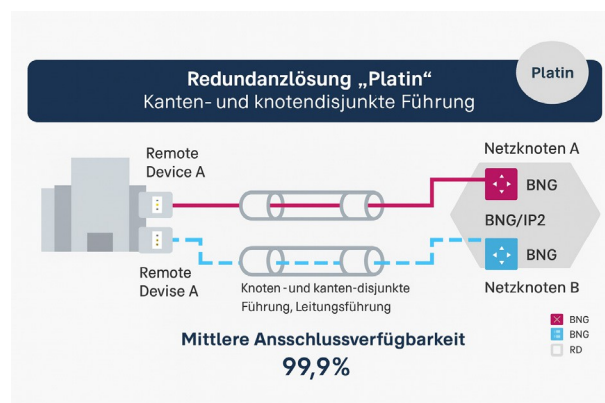
*Cloud systems, Industrial IoT, digital logistics solutions, and real-time communication are firmly embedded in everyday production operations.*

However, the internet connection posed a critical risk: Previous outages and maintenance work had led to unexpected interruptions that brought not only the IT systems but entire production lines to a standstill.

The goal was to implement a fully high-availability internet connection—without any single points of failure.

After all, in industrial environments in particular, reliability, automation, and seamless connectivity are among the key success factors. Every minute of downtime causes direct economic losses. At the same time, it was important that emergency processes no longer had to be initiated manually.

Production processes must remain digitally controllable at all times—regardless of external influences. This is the only way to ensure efficiency, on-time delivery, and competitive advantages.



## The Solution: SAVECALL's "Platinum" Redundancy Solution

To ensure maximum reliability, Savecall developed a fully redundant connectivity concept—including automated control and independent routing. The implementation was carried out using the Savecall "Platin" redundancy solution:

- Two physically separate cable routes with separate building entries – fully route-disjointed at all locations
- Node-disjoint network connection via two different BNGs (BNG A & B).
- Two remote devices (A & B) at the site with separate handover points
- Automatic failover via VRRP within the same LAN segment – completely without manual intervention

### Technical Highlights

- Separate routes/building entries,
- Redundant handover points with two remote devices
- Two completely independent network nodes
- Automated failover during live operation
- Average annual availability of

## Results and Benefits

- No more internet outages, even during maintenance or external disruptions
- Full production reliability: All network-dependent processes run continuously and stably
- Automated management: Switching is system-controlled—without manual intervention
- Significant reduction in the IT department's workload for monitoring and escalation processes
- Future-proofing for all digitized production areas such as IIoT, cloud, and smart logistics

The Savecall "Platinum" redundancy solution has become the digital safety net for manufacturing. It not only ensures ongoing operations but also creates a scalable, resilient infrastructure—a clear competitive advantage in the industrial environment.

Even planned maintenance windows or short-term disruptions no longer affect operations. End-to-end redundancy ensures smooth operations and provides planning reliability for all digitally controlled processes.

### Availability Guaranteed

Redundant connections, automatic failover, and centralized control safeguard production—even during disruptions or maintenance.





# 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 build future-proof, scalable, and cost-optimized infrastructure. Our clients benefit from in-depth market knowledge, direct access 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 short

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

+49 (0)89 904 10 50 00

[kontakt@savecall.de](mailto:kontakt@savecall.de) [www.savecall.de](http://www.savecall.de)