



PowerX and Vantage Towers Partner to Digitise 220 Rural Sites Across Germany For Intelligent Monitoring and Energy Optimisation

PowerX and Vantage Towers deploy intelligent monitoring across 220 rural German sites to replace manual diesel oversight with real-time visibility, stronger resilience and data-led energy optimisation.

London, 18th March 2026 – PowerX Technology and Vantage Towers today announced a joint partnership to utilise PowerX's AI platform, bringing dependable, real-time telemetry and visibility to Vantage's rural sites across Germany - the vast majority of which operate off-grid.

The initiative marks a significant step in strengthening operational resilience across Vantage Tower's off-grid portfolio. While the current deployment focuses on foundational monitoring, it lays the groundwork for broader optimisation. Historically, site batteries were treated purely as emergency back-up assets. With PowerX, those batteries can now be integrated into a hybridised power strategy, operating as active components within the energy system to reduce diesel consumption and improve efficiency.

The project was accelerated by the widespread grid instability and heat-driven blackouts experienced in Spain and Portugal in 2025, which underscored the vulnerability of off-grid and weak-grid infrastructure. By digitalising its German portfolio, Vantage Towers is proactively reinforcing network robustness to ensure continued uptime even during extreme weather or grid outages.

As part of the programme, PowerX is profiling and conditioning battery assets to build detailed autonomy and performance data across the portfolio. These insights will inform Vantage Towers' forthcoming CapEx decisions, helping right-size new power equipment, identify underperforming generators and batteries, and direct investment to the sites where it will deliver the greatest resilience and efficiency gains.

For Vantage Towers, the digitisation of these sites represents more than improved monitoring - it is a step toward a more resilient, data-driven and future-ready energy strategy across its German network. Jean-Claude Geha, Vantage Towers' Group CTO and Managing Director Germany, said: "This partnership with PowerX marks a fundamental shift toward a more intelligent, data-led operating model, and represents an important step in Vantage Towers' evolution toward a fully digital, data-driven infrastructure platform. By embedding real-time intelligence across these sites, we are creating the foundation for a more resilient, efficient, and adaptive energy network".

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Andrew Schafer, CEO of PowerX, said: “AI optimisation only delivers value if the foundations are solid. That means receiving the right data, validating its accuracy, ingesting telemetry correctly and building a dependable operational baseline. We have got these basics right with Vantage Towers, now we can unlock the full power of intelligent optimisation - from fuel efficiency to hybrid power strategies and long-term CapEx planning. This project is about leveraging that foundation so resilience and efficiency improvements become systematic, not reactive.”

About PowerX

PowerX, a global Software-as-a-Service company, provides the market-leading data intelligence platform for managing and optimising energy assets at scale. The PowerX platform is purpose-built from the ground up to deliver the industry’s only native, end-to-end solution for tower infrastructure monitoring, optimisation, maintenance and management. It uses advanced data science and industry-leading workflow capabilities, starting with upstream alarm and telemetry tracking and analysis, through AI-driven diagnostics and insights, to deliver prioritised and optimised resolution in the field. It brings real-time visibility to an entire site portfolio at scale, automating the troubleshooting of operational performance issues for each site, and prioritising actions for efficient resolution.

About Vantage Towers

Vantage Towers is one of the leading telecommunications infrastructure operators in Europe, with approximately 88,000 sites in ten countries. Since 2020, the company has been promoting connectivity in cities and rural areas, making it easier for people, companies and devices to always be connected. Its headquarters are located in Düsseldorf. Vantage Towers' portfolio includes towers, rooftop masts, distributed antenna systems (DAS) and microcells (Small Cells). The company builds, operates and leases this infrastructure to mobile operators (MNOs) and other network providers – such as IoT companies or utilities making a decisive contribution to a more and better connected Europe. As part of its commitment to sustainability, 100% of the grid electricity used to operate its infrastructure comes from renewable sources. In addition, Vantage Towers is piloting green energy generation directly on site using solar panels, micro wind turbines and hydrogen solutions. These initiatives are part of its strategy to accelerate sustainable digitalisation in Europe and support its partners in decarbonisation and meeting their climate goals. For more information, visit www.vantagetowers.com, contact via LinkedIn, or email media@vantagetowers.com

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