

Digitise operations, reduce OPEX and streamline business processes to deliver competitive and sustainable Power-as-a-Service growth

Against a backdrop of poor grid infrastructure, rising energy costs and ongoing OPEX, CAPEX and space constraints, across all markets are developing competitive tower space leasing and Power-as-a-Service solutions - helping mobile operators deliver high network uptime, increased capacity and broader coverage for more customers with more data.



These challenges are only getting harder.

- in poor grid markets, you need to make hybrid power solutions work harder to support accelerated mobile connectivity growth
- in good grid markets, you need to leverage the benefits of tried and tested PaaS to consolidate power infrastructure, reduce wastage and drive sustainability goals
- when your tenants' contracts are up for renewal, you need to provide better transparency and visibility of power efficiencies and evolve PaaS Services to deliver better value for money

How PowerX delivers Benefits:



REDUCT ENERGY COST

- PowerX identifies inefficiencies such as rectifier energy losses, battery DODs and ineffective generator loads
- Automated workflows prioritize high impact fixes to field operations teams
- AI autonomous control optimizes all power sources without manual intervention



LOWER MAINTENANCE CAPEX

- Early detection of performance degradation ensures fixes before failure
- Detailed root cause diagnosis triaged through to repair with automatic ticket closing
- Inefficient site warnings so teams can focus on solving issues, rather than finding them



REDUCE FIRST TIME FIXES

- Automated detection and diagnosis of equipment or site fails
- Teams receive AI powered recommended fixes and on-site tests



IMPROVE PRODUCTIVITY

- PowerX AI diagnostics and automation enhance field engineer productivity by 30-50 times.
- Traditional manual investigation by power experts takes a day for a single site, limiting them to 200 sites per year.
- PowerX insights and AI enable one expert to achieve the work of a team of 30-50+ people



IMPROVE CAPEX RETURNS

- PowerX solutions help management teams prioritize maintenance CAPEX by providing AI powered performance insights.
- Identify sites in need of investment, whether for equipment upgrades or systemic fixes, such as introducing batteries or solar upgrades to reduce diesel usage.



REDUCE CO2 EMISSIONS

- PowerX automation detects and addresses energy wastage and inefficiencies, reducing diesel usage and grid energy.
- Detailed audits enable easy reporting of sustainability and ESG progress to customers and shareholders.

See the power of AI live
on the PowerX platform

Book A Demo Today
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Power^x

the data intelligence platform



About PowerX Technology

PowerX, a Software-as-a-Service company, provides the market-leading data intelligence platform for managing and optimising energy assets.

The platform's advanced data science tools and workflows, integrated with enterprise business processes, deliver efficiency, resilience and sustainability for critical asset operations. In telecommunications, for example, the PowerX solution has achieved auditable 15%-30%+ energy and maintenance cost reductions, asset utilization improvements, CO2 emission reductions and revenue assurance.

PowerX is a highly scalable, hardware agnostic platform that is quick and easy to deploy. The solution leverages AI to automate improvements and processes at scale helping operational teams identify inefficiencies, prioritise responses and manage to resolution with detailed diagnostics and integrated workflows. The result is enterprise-wide visibility, specific insights and automated control actions, with increased workforce productivity, reduced cost and site-level efficiencies at scale across large, distributed estates.