



Cost efficient power uptime for mobile towers with the **power of AI**

UPTIME ASSURANCE

POWER ASSETS EFFICIENCY

POWER MIX OPTIMISATION

As telecom infrastructure grows and demand increases, ensuring uninterrupted, cost-efficient and sustainable power is more critical than ever.

data demand needs **more capacity & coverage**

fast growing **competitive** landscape

regulatory requirements

ESG & **sustainability** goals

OpEx, CapEx, & space **constraints**

increased energy needs & costs

resilience, SLAs & revenue assurance

rural coverage, **poor grid**, security

Power^x
addresses
key industry challenges

PowerX suite of advanced AI-driven tools improves the visibility and performance of power assets across telecom tower networks, enabling a resilient and sustainable infrastructure fit for data usage growth.

increase revenue & reduce risk

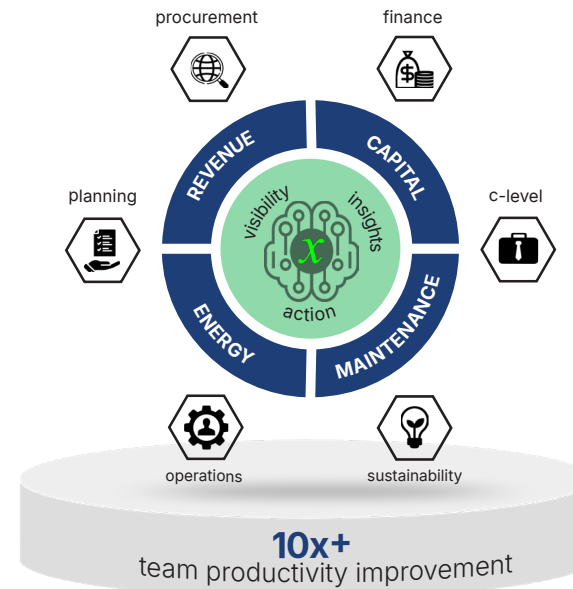
enable **99.99%+**
SLA achievement,
resilience, autonomy &
revenue assurance

reduce energy cost & CO₂

20%-30%+
lower energy cost, fuel
usage & CO₂ emissions

15%-25%+
improvement in solar
yield & asset efficiency

PowerX helps deliver OpEx, CapEx, revenue and sustainability benefits by optimising energy-related assets at scale in multi-site environments.



optimise capital expenditure

10%-20%+
asset utilisation,
redeployment & capex
optimisation benefits

reduce cost of maintenance

15%-25%+
decrease in time to detect /
repair and lower maintenance
costs
80%+
reduction in NOC workload
with advanced alarm
management / triage

Power^x

visibility • insights • action

increase
revenue



optimise
capex



minimise
opex

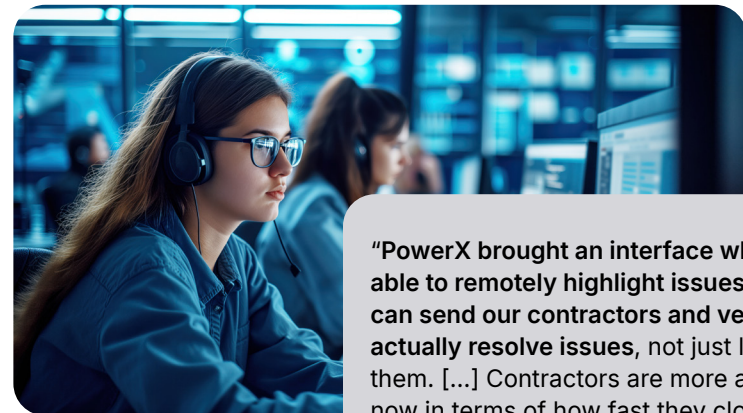


"They've streamlined us. We would have struggled to find the problems as fast if we did not implement PowerX. [...] **It would have taken a lot longer,** which meant sites would have run less efficiently, for longer periods of time. That means more diesel usage, more costs and we're not getting a return on our investments."

Energy PM, Africa

"They really came to the table and understood our problems and worked with us to get to the point where their solution met our problem. **They're flexible – not just selling something out-of-the-box."**

TowerCo CEO, Southeast Asia



"PowerX brought an interface where we're able to remotely highlight issues. We can send our contractors and vendors to actually resolve issues, not just look for them. [...] Contractors are more accountable now in terms of how fast they close.

Now we're able to hold our vendors more accountable, and they're able to come up to task in terms of delivery and what is expected. For the contract management of our maintenance partners, **that was a really big improvement."**

NOC Manager, Africa

"PowerX came from the right pedigree – so operator-driven, significant amount of experience in markets that are far more mature [...] The depth of where we can go is so much greater than today. It's the beginning of a journey."

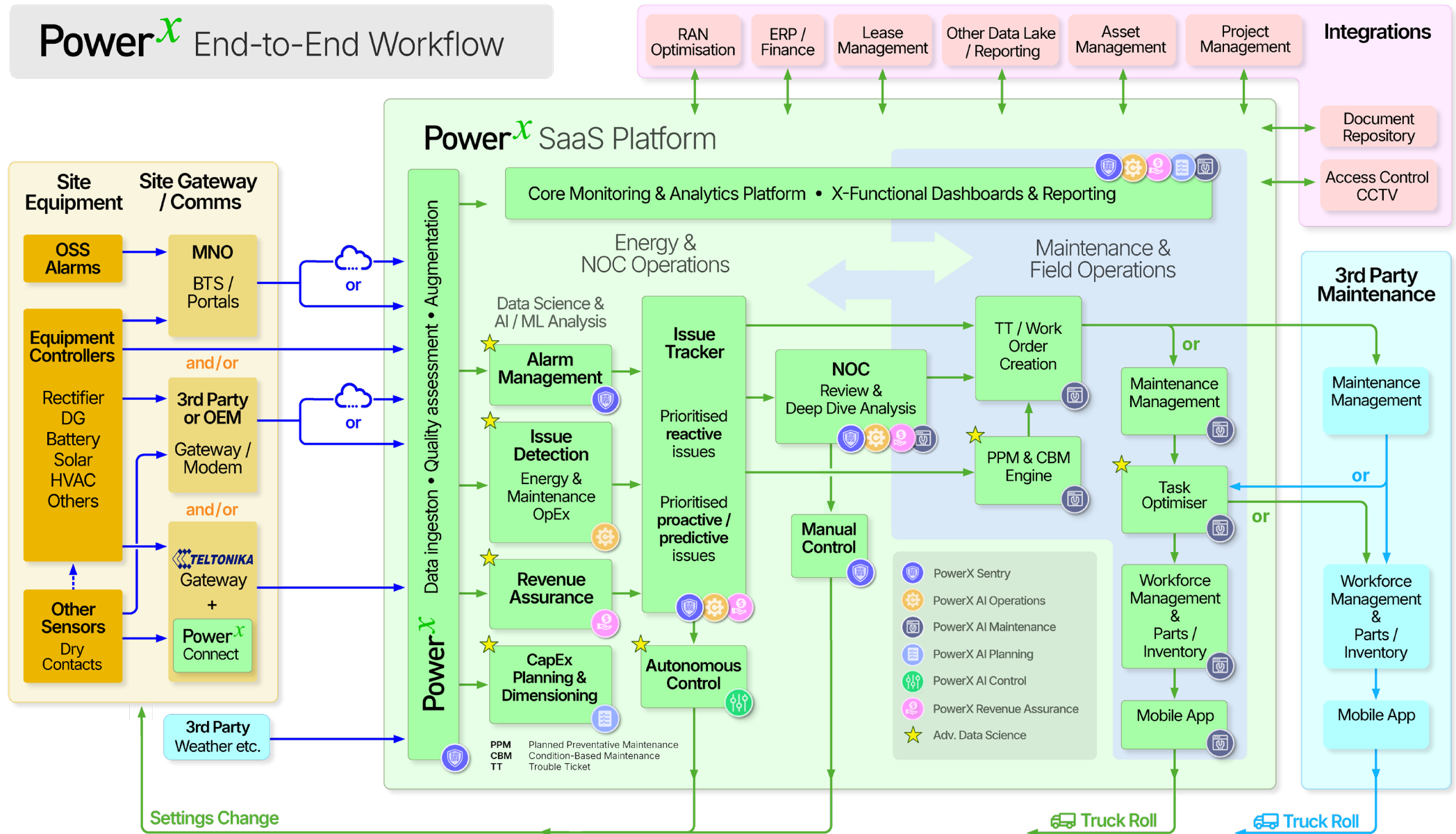
TowerCo CEO, Philippines



"This is a game changer in terms of operating costs. I just need to have one or two people to manage thousands of sites. **The operational impact is immediate."**

TowerCo Managing Director, Papua New Guinea

Power^x End-to-End Workflow



Power^x

visibility • insights • action

increase
revenue



optimise
capex



minimise
opex



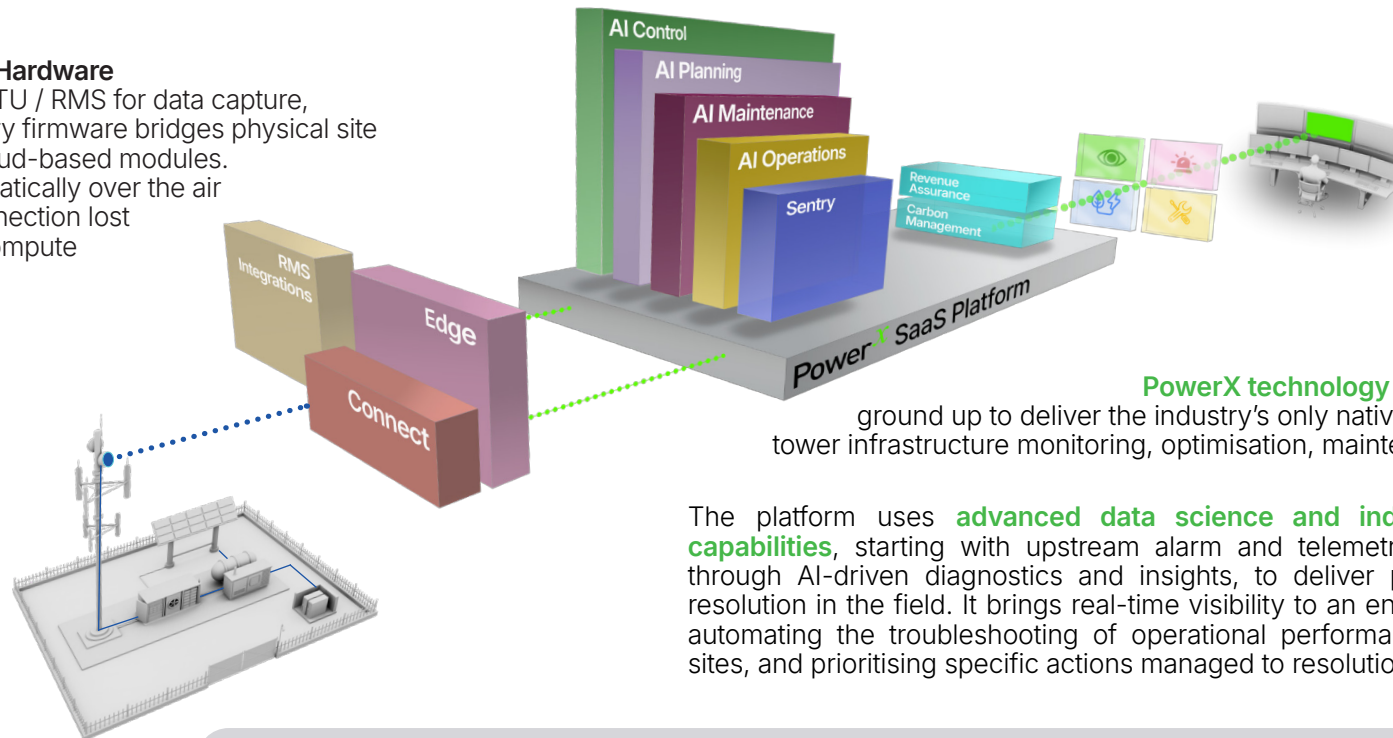
Redefine power performance

PowerX Edge, Connect + Hardware

For sites without existing RTU / RMS for data capture, PowerX Connect proprietary firmware bridges physical site assets with the PowerX cloud-based modules.

- Firmware updated automatically over the air
- Data stored locally if connection lost
- Optional: on-site edge compute

PowerX partners with **Teltonika** for end-to-end, robust, reliable and accurate site data capture. PowerX Connect firmware and Teltonika RTUs communicate through industry-standard protocols to connect on-site equipment telemetry with advanced cloud services.



- ✓ Highly scalable
- ✓ Extensive integrations
- ✓ Hardware agnostic
- ✓ Rapid deployment
- ✓ ISO 27001 certified
- ✓ Secure, public cloud (AWS)

PowerX technology 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.

The platform 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 individual sites, and prioritising specific actions managed to resolution.

PowerX Blueprint to Business Transformation

PowerX puts data science at the heart of your business to rapidly reduce energy and maintenance costs, optimise capital expenditure, increase revenue, and reduce carbon emissions. It equips your organisation with the digital platform and auditable processes to achieve operational excellence, business transformation and market leadership.