

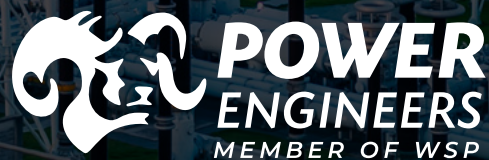


# MEERKAT™

POWER Engineers  
Physical Security Assessment

**A POWERFUL TECHNOLOGY-ENABLED ANALYSIS TOOL TO PROTECT YOUR  
CRITICAL INFRASTRUCTURE WITHOUT BREAKING YOUR BUDGET.**

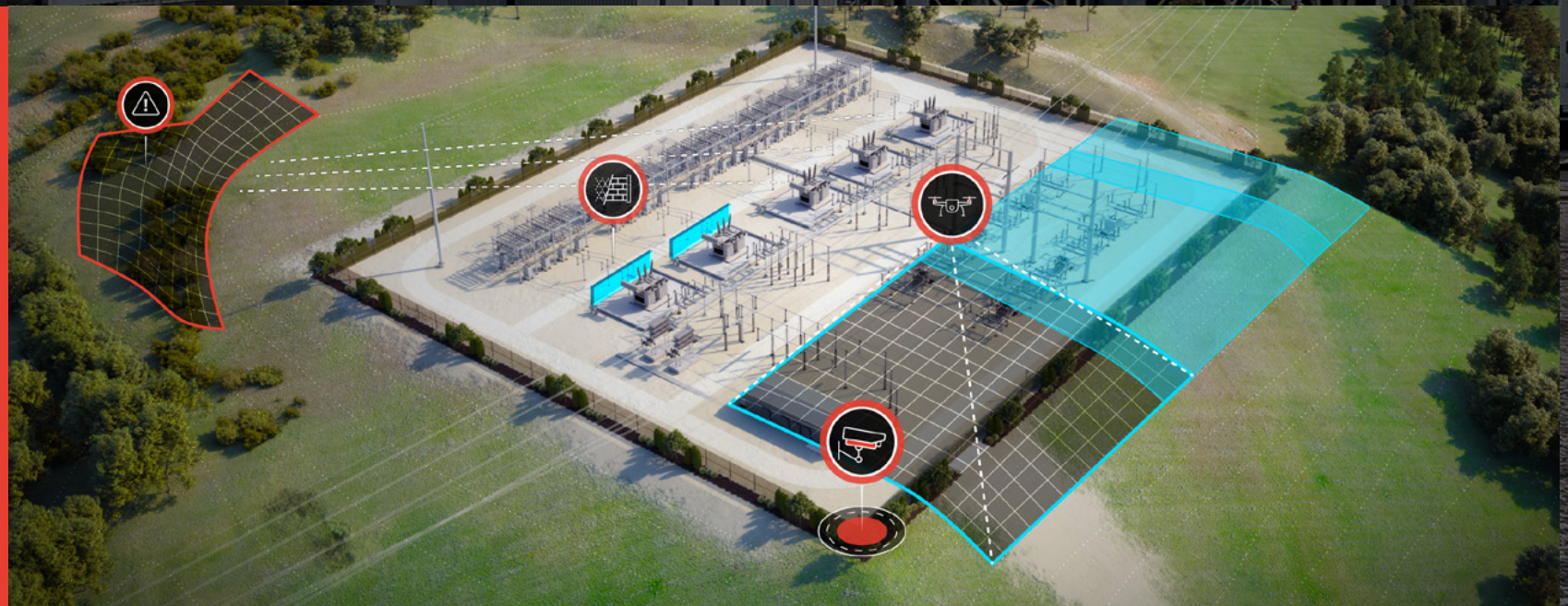
*Patent Pending: This product and the technology behind it are currently under review for patent protection.*



MEET  
MEERKAT™

MEERKAT™ IS A DATA-DRIVEN, LINE-OF-SIGHT-BASED SECURITY ASSESSMENT TOOL THAT IDENTIFIES COMPREHENSIVE MITIGATIONS TO KEEP YOUR VULNERABLE SUBSTATION ASSETS SAFE.

Using the latest data, Meerkat™ virtually recreates planned, new or existing substations, as well as their surrounding terrain, in a simulated environment. Then, it visualizes line of sight, highlighting all avenues that a bad actor might use to damage critical assets. With that information, we can introduce digital barriers, fences, vegetation screens and other mitigation tactics into the interactive model to test in real time how various structures of differing sizes and in various locations can disrupt that line of sight.



# MEERKAT™ ADVANTAGE



Acquire high-fidelity, quality data that drives informed decisions and accurate results

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Receive accurate digital recreations of substations and their surrounding environments that ensure a thorough visualization of vulnerabilities using real-time engines

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Experience real-time assumption testing in an interactive virtual environment

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Gain direct access to a team of industry experts

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Obtain comprehensive threat mitigation reports and secure transfer of a 3D model

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Unlock enhanced collaboration and decision-making protocols to effectively safeguard your energy assets

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Invest in an innovative solution and minimize the likelihood of encountering the subjective evaluation and human error inherent in traditional assessment methods



# SAFEGUARD YOUR CRITICAL ASSETS

Find the most **comprehensive and cost-effective solutions** for your physical security upgrade projects.



## Identify Threats Before They Happen

- » Identify at-risk assets and the dangers they face
- » Test mitigation ideas and assumptions before you build
- » Avoid long lead times for critical asset replacement
- » Minimize system downtime and prevent cascading failures



## Meet Industry Standards

- » Reduce time spent on NERC CIP-014 regulation compliance
- » Acquire supplemental evidence for NERC CIP standards
- » Obtain NERC accepted third-party threat identification and vulnerability assessments



## Gain Direct Access to Our Industry-Leading Team

- » Work directly with physical substation security experts, innovation leaders, visualization specialists and experienced engineers
- » Discuss operational concerns around mitigation designs with experts before the final selections are chosen
- » Experience collaborative video conference workshops that help you make informed decisions faster

# SAVINGS

Meerkat™ can **identify significant cost savings** while protecting your million-dollar assets.

## The Right Measures for the Right Price

- » Minimize construction costs while maximizing security benefits
- » Avoid the expense and inconvenience of replacing damaged substation components
- » Generate easy-to-understand visuals to justify security expenditures
- » Free up operations budgets by billing Meerkat™ to capital expenditure

## Save Time and Money

- » Make informed security decisions in a fraction of the time
- » Use site-specific data to reduce overspend and build only what is needed
- » Test and validate your physical security solutions before you build

WHEN INTEGRATED INTO THE EARLY DESIGN AND ENGINEERING PHASES OF SUBSTATION SECURITY PROJECTS, MEERKAT™ HAS THE POTENTIAL TO PROVIDE SIGNIFICANT COST SAVINGS LATER IN THE PROJECT.

Request a free demonstration from our team of experts at [meerkat.powereng.com](https://meerkat.powereng.com).

The visual representations of the Meerkat™ tool in this brochure are illustrative and may differ from actual product characteristics. Contact our team at [physicalsecurity@powereng.com](mailto:physicalsecurity@powereng.com) for precise details.