








Safeguarding Energy Infrastructure with **Bird Nest Detection Solution**

Birds can be a real problem for energy infrastructure. They often build **nests in power lines, towers, and other critical components**, which can **lead to fires, short circuits, and equipment damage**. Our **Bird Nest Detection Solution employs** cutting-edge technologies, including **Azure Machine Learning, Azure Container Registry, Kubernetes Services, Azure Cosmos DB, and Azure Blob Storage**, to swiftly **identify and address bird nests** near power lines and facilities, **enhancing safety and operational efficiency** in energy management. With real-time monitoring and automated responses, it **ensures uninterrupted functionality, mitigating potential risks** associated with avian threats.

*“Global IT spending in the power and utilities market is set to rise by **8%** in 2023, reaching **\$189 billion**, with a projected five-year CAGR of **8.2%**, aiming for **\$242 billion** by 2026.”*

- Gartner

Key Features

-  Proactive Nest Identification
-  Precision Monitoring
-  Advanced Data Analytics
-  User-Friendly Interface
-  Instant Alerts & Notifications

Core Benefits



Impacts

- 3X** Minimized Downtime
- 60%** Reduction in Maintenance Cost
- 2X** Enhanced Operational Safety
- 50%** Reduced Damages & Outages