

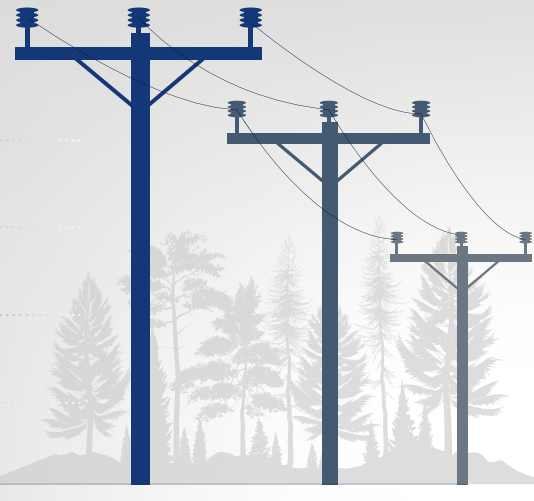
Earth observation satellites are transforming **vegetation management** for electric utilities

A New Approach

- Global coverage**
Access imagery of entire planet
- High-resolution**
Image resolutions of up to 30 cm
- Multispectral images**
Process and analyze spectral bands beyond RGB
- Frequent revisit rates**
Satellites have continuous coverage and daily revisits

Satellites can solve the complex problem of vegetation management

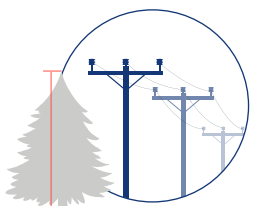
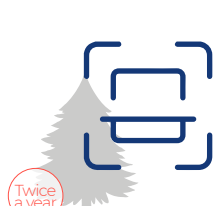


- Remote monitoring and surveillance of power lines
- Change detection in vegetation
- Identifying type of vegetation
- Identifying vegetation encroachment
- Clearance detection



The capabilities are endless when satellite intel is combined with Artificial Intelligence



Predicting fall-ins: A breakthrough for the utility industry

<p>DANGER TREE</p> <p>The model identifies the danger tree by determining the height of the trees surrounding the wires</p> <p>Entire network is scanned twice a year to determine the status of danger trees</p>  	<p>RISK TREE</p> <p>AiDash IVMS uses the chlorophyll content in leaves and water content in the trees, which are not visible during human inspection</p> <p>Seasonal changes in leaf patterns are captured Y2 onwards</p>  
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Why utilities must opt for Satellite and AI-powered solutions

AiDash Intelligent Vegetation Management System (IVMS) is the world's only satellite and AI-powered vegetation management system deployed at scale for large utilities.

It has been successfully deployed and tested on over a million miles of Transmission and Distribution lines for large electric utilities in US, Europe and Australia.

- Improve Reliability by **15%**
- Reduce Cost by **20%**

AiDash is an AI-first vertical SaaS company enabling satellite and AI-powered operations, maintenance and sustainability for industries with geographically distributed assets. The company is already working with several Fortune 500 utilities and cooperatives in the US, UK and Australia. Some of their customers include National Grid and Avista.