

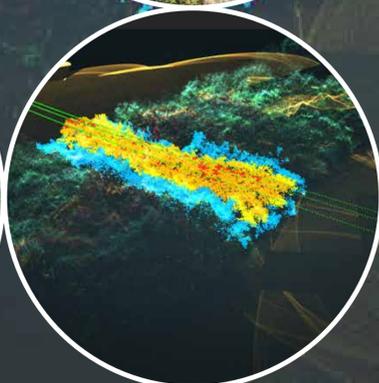


GE Digital



# Mitigating threats and strengthening the grid with AI-based **vegetation management & asset inspection programs**

Driven by Artificial Intelligence, GE's Visual Intelligence Platform manages Visual Inspection Data and processes using automated ML analytics to provide a holistic picture of the grid to help reduce the cost and complexity associated with traditional inspection approaches, while improving risk management and productivity.



Polygon



Point



Line



View



Split



Compare

## Key benefits for utilities

# 30%

Up to 30% reduction in tree caused outages



Decreased wildfire risk



Improved safety & reliability risk

## Take advantage of big data



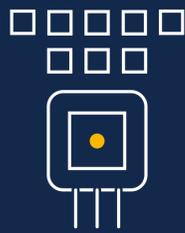
### Multi-sensor data management:

GE's Visual Intelligence Platform supports the ingestion of all major visual inspection file types. This allows for the optimal blend of image types to drive the highest value through the core Vegetation Management and Asset Inspection use cases.



### Manual processes are slow and inefficient:

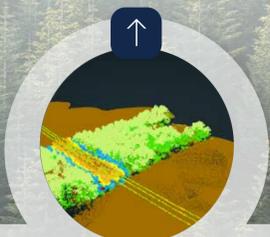
Built-in AI features drive automated identification of encroachment areas and asset defects, reducing significantly the need for manual quality review tasks.



### Data integration:

Existing utility procedures are mostly manual, time consuming and lead to a large number of inaccuracies. GE's Visual Intelligence Data allows aggregation and incorporation into existing workflows, integrating with mission critical Transmission & Distribution software, including GIS, ADMS and/or EMS.

## Key Outcomes



Up to 20% vegetation trimming O&M reduction



Up to 90% data processing productivity gain



Improved GIS network model accuracy

Ready to get started? Contact GE today.



[www.ge.com/digital](http://www.ge.com/digital)

Find Out More

