

One Flight Collects All Data

Complete Aerial Data Collection Services with Sharper Shape's Heliscope 2.7 CLI - Consolidated Linear Inspection

Helicopter mounted hardware solution, one flight multiple data types.

Proprietary Software and Hardware

Engineered specifically for aerial inspection of electric transmission & distribution systems

One Flight Collects Multiple Types of Data

- LiDAR – highly accurate 3D spatial data using Riegl VUX 240 Lidar scanner
- RGB images - component damage inspection using 100 Megapixel Phase One RGB cameras
- Hyperspectral Images (HSI) – vegetation analysis using Dual Hyperspectral Imagers
- Infrared Images - optional addition

Network Documentation & Quality Assurance

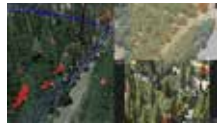
- **Asset locations** - precise GPS location data
- **Asset type identification and inventory**
- **Integrated iOS CORE application** - easily receive and carry out orders
- **Seamless Data Transfer** - upload to Sharper CORE software
- **Data Backup:** Ability to work offline, collected data uploaded once connectivity is restored.



Sharper Shape's 4D Living Digital Twin software answers every utility challenge by providing automated collection, real time visualization, analysis and actionable, decision making insights for inspectors and field crews - everything you need to make your utility sharper and better.

Remote Inspections

Vegetation Management



Asset Management



Data Analysis & Forecasting

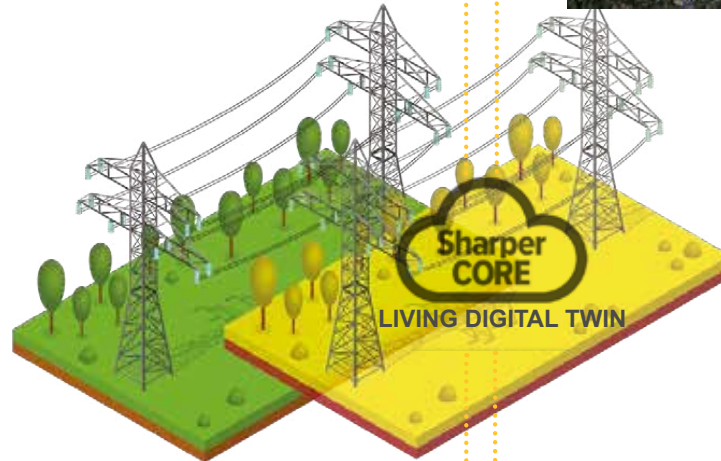
Species Detection



AI Component Detections



AI Defect Detections



Data Visualization

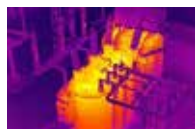
RGB images



Hyperspectral



Infrared



Point Cloud 3D Modeling



Actionable Reporting

Asset Management Reports



Vegetation Management Reports



10,000 +

DISTRIBUTION POLES CAPTURED BY AUTOMATED DRONES



10,000 +

TRANSMISSION STRUCTURES CAPTURED BY DRONE



38,000 Miles - 800,000 Structures

INSPECTED BY SHARPER HELISCOPE MOUNTED HELICOPTER



5 + PETABYTES

OF DATA COLLECTED AND ANALYZED BY SHARPER CORE SOFTWARE



For more information visit sharpershape.com or contact sales@sharpershape.com

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