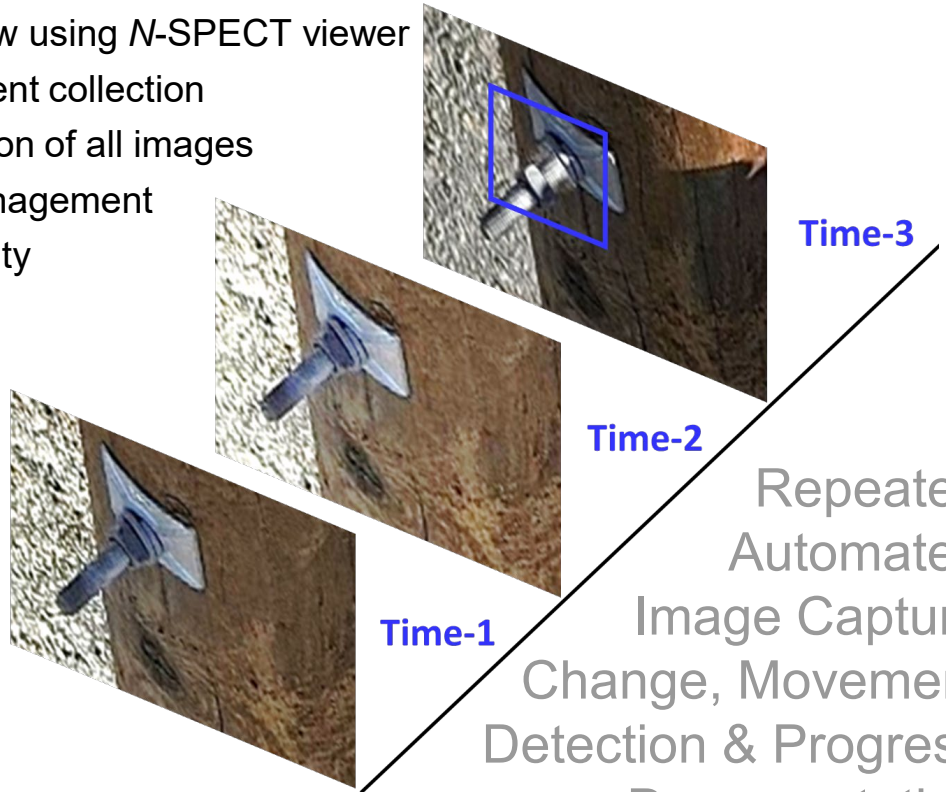




Tools for Automated Drone Inspections

N-SUITE Electric Utilities

- Desired location views selected and Flight plan optimized using N-PLANNER
- Images collected using automated drone flights, on a schedule
- Repeat-view images stacked for simplified analysis
- Document on adhoc and schedule interval basis
- Efficient visual review using N-SPECT viewer
- Enables more frequent collection
- Database organization of all images
- Automated data management
- Inherent cost & quality value chain benefits
- Pinpoint monitoring
- GIS-based



Repeated
Automated
Image Capture
Change, Movement
Detection & Progress
Documentation

COST & QUALITY VALUE BENEFITS

New levels of precision, efficiency & timeliness

98% + detection accuracy in real time

50% + improvement in pixel alignment accuracy¹ and curation for model ingestion

50-70% cost savings - in data processing & visual anomaly detection

70% time savings - in man hours for data processing & analysis



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CHANGEAERIAL

Tools for Automated Drone Inspections

N-SUITE Electric Utility - Use Case Benefits & Outcomes

Industry leading accuracy and efficiency enables unique fine-scale autonomous aerial monitoring & detection programs optimized throughout the entire infrastructure delivering new insights and high impact on lifecycle asset performance with measurable ROI enabling

- Fewer & shorter duration power shut-offs
 - Improved pricing, reduced electricity charges passed along from lower inspection & legal costs
 - Increased safety & reduced risk to life
 - Mitigated and reduced liabilities
 - Improved cost and quality controls increasing margins, better top and bottom-line results
 - Improved contractor management
- A 98%+ accuracy through RSI © for real time model detection across all forms of damage, and changes of interest without the need for extensive algorithm training of large data sets collected over extensive time. Industry leading fast outcomes
 - Calibrate view and automatically detect changes with mm-level clarity across specified objects and features delivering defined breach alerts to proactively manage maintenance, defect and remedial action
 - Insulators, cotter pins, fasteners, conductor separation
 - Industry leading efficiencies enable higher frequency programs and associated benefits



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