AeroSpect

DRONE BASED DATA COLLECTION & SECURITY

SERVICE SAMPLES AND CATALOGUE

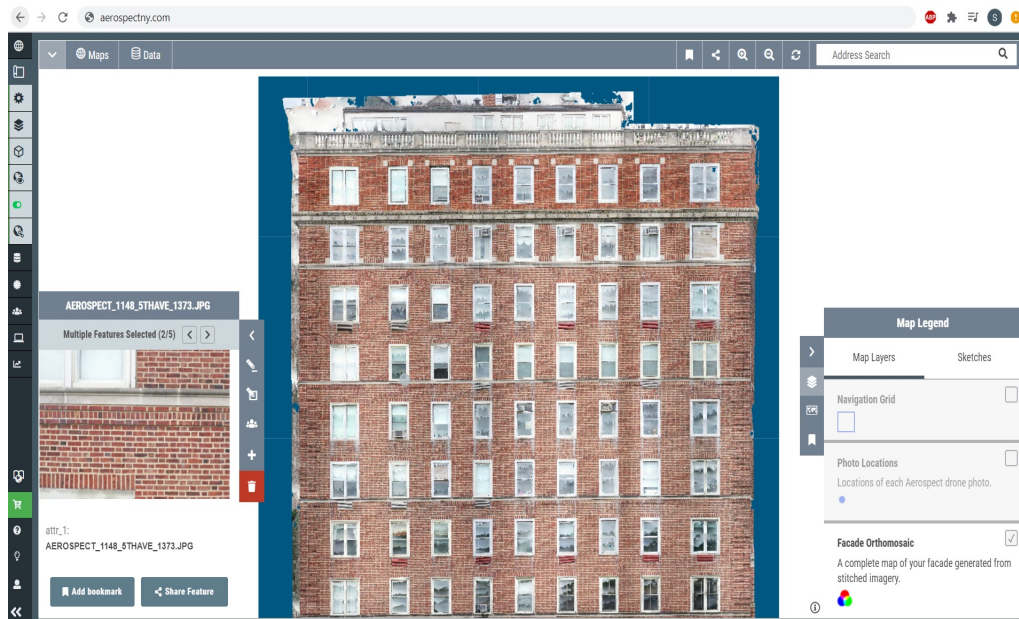# Local Law 11 Aerial Façade Inspections

Not just analytics...

We fly the site

We process offline, in-house*
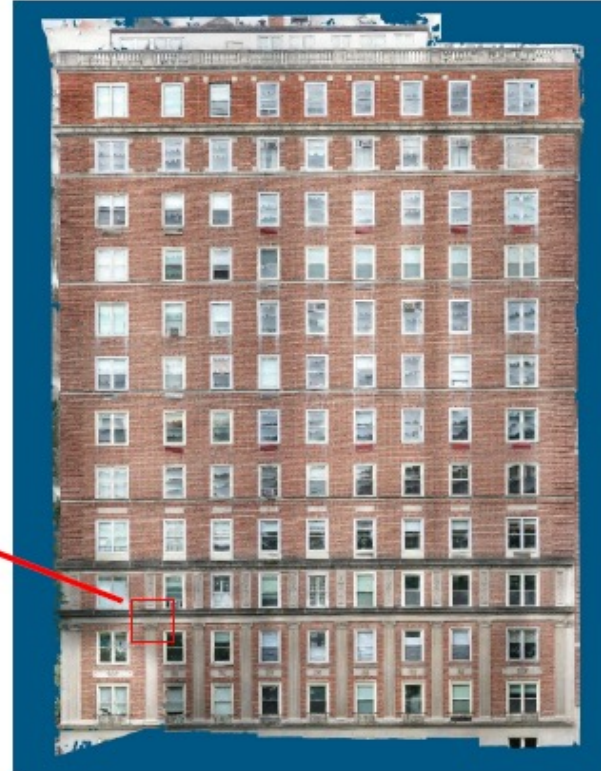
We make it easy to view on the Web

We work closely with the QEWI to ensure a successful inspection.

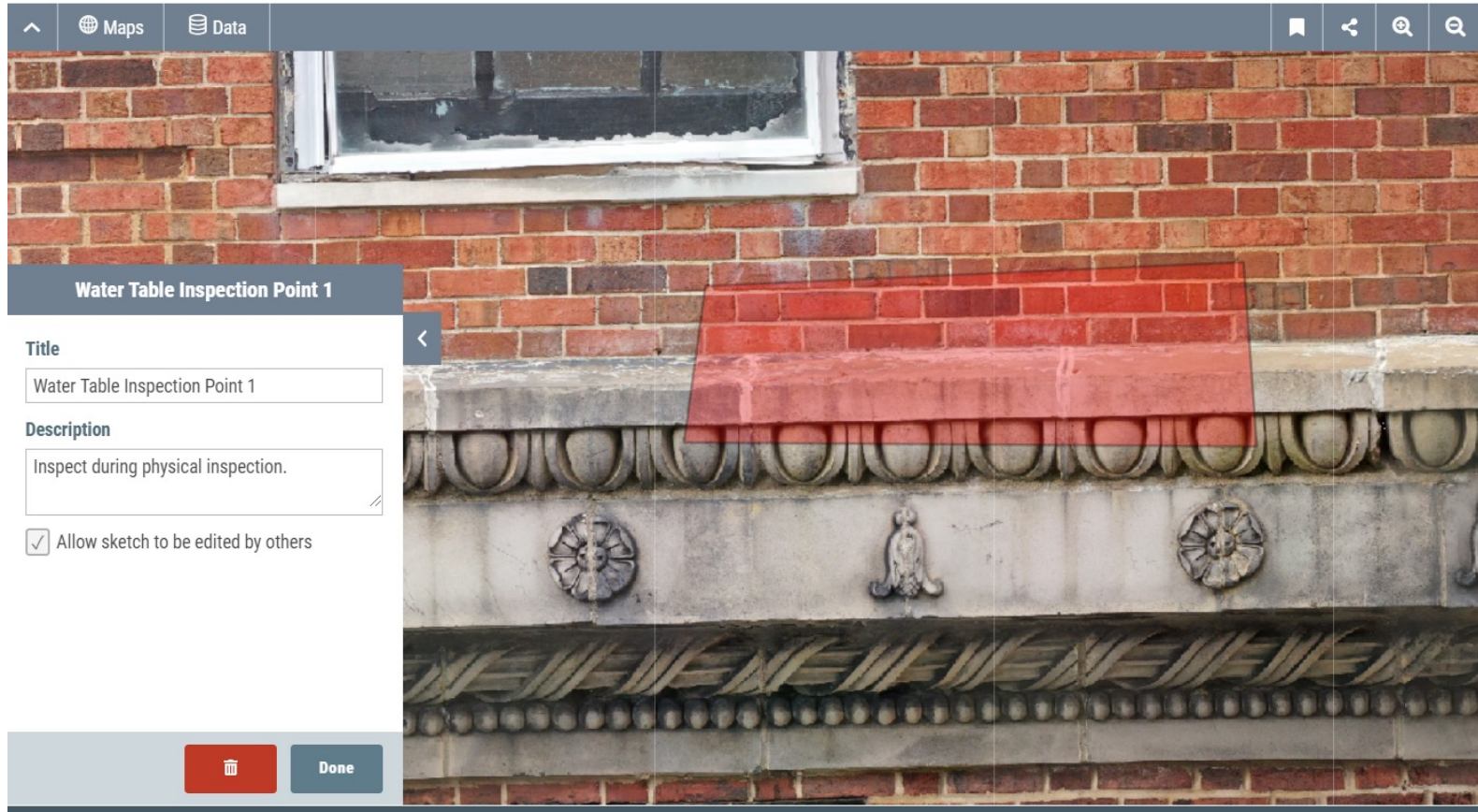*AeroSpect performs all processing at our offices in Brooklyn, NYC.

AeroSpect's Facade Map: 100% coverage with incredible detail. Processed off-line, in house, in NYC.
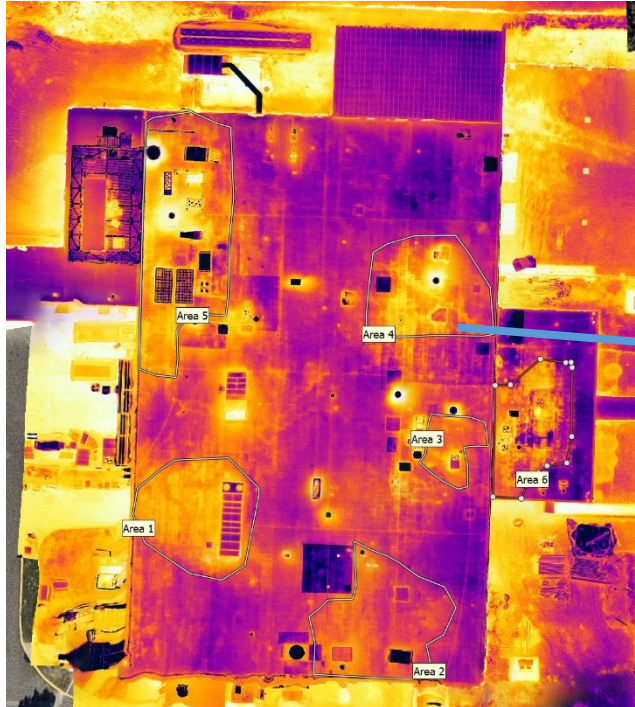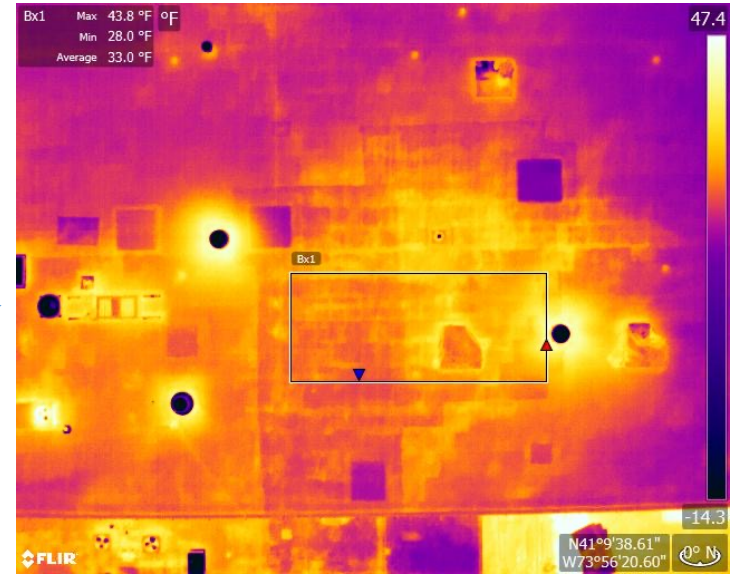
Annotate issues, share with others for safety report or hands-on inspection.

Aerial Thermography – easy identification of moisture and roof issues

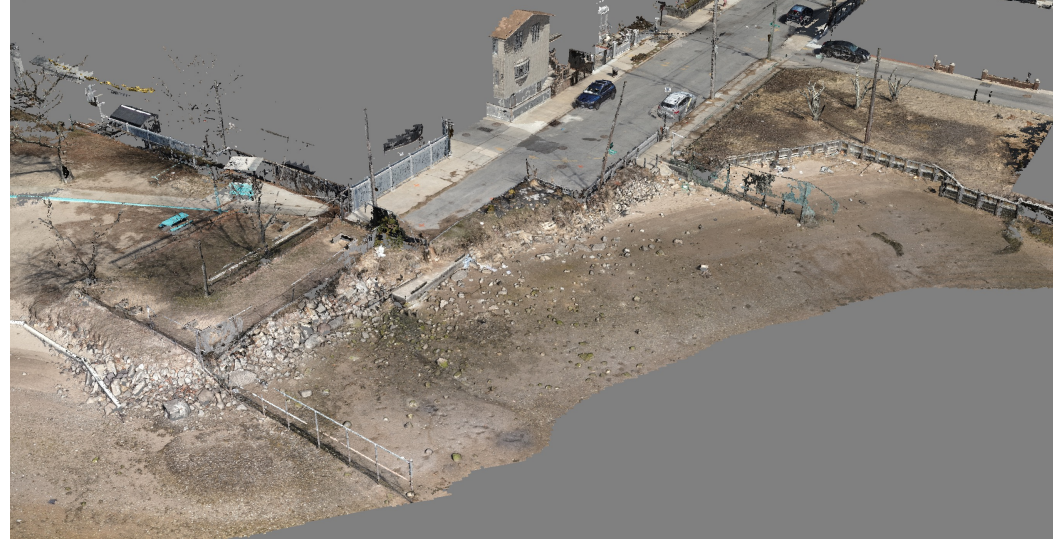Rooftop "scanned" with thermal camera at night

Irregular thermal signatures are identified as areas with moisture, damage or other issues.

Mapping and photogrammetry – 2D maps and 3D models of terrain/infrastructure for inspection, measurement, planning and development.
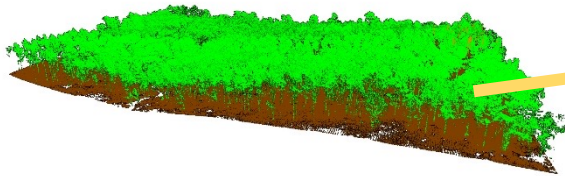

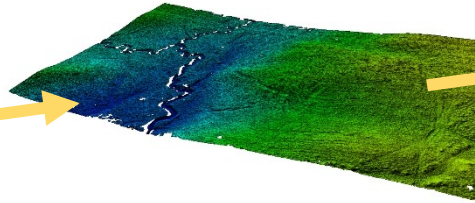Images are stitched to create high resolution mapping with resolution of < ½" per pixel.

Imagery can be reconstructed into a "point cloud" – an accurate 3D representation of a scene.
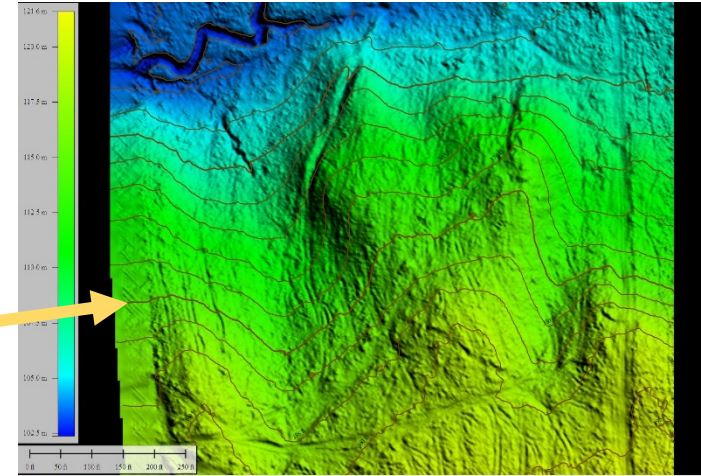
Aerial LIDAR – measurement under heavy tree canopies, foliage, or measurement of thin features such as trees or power lines.

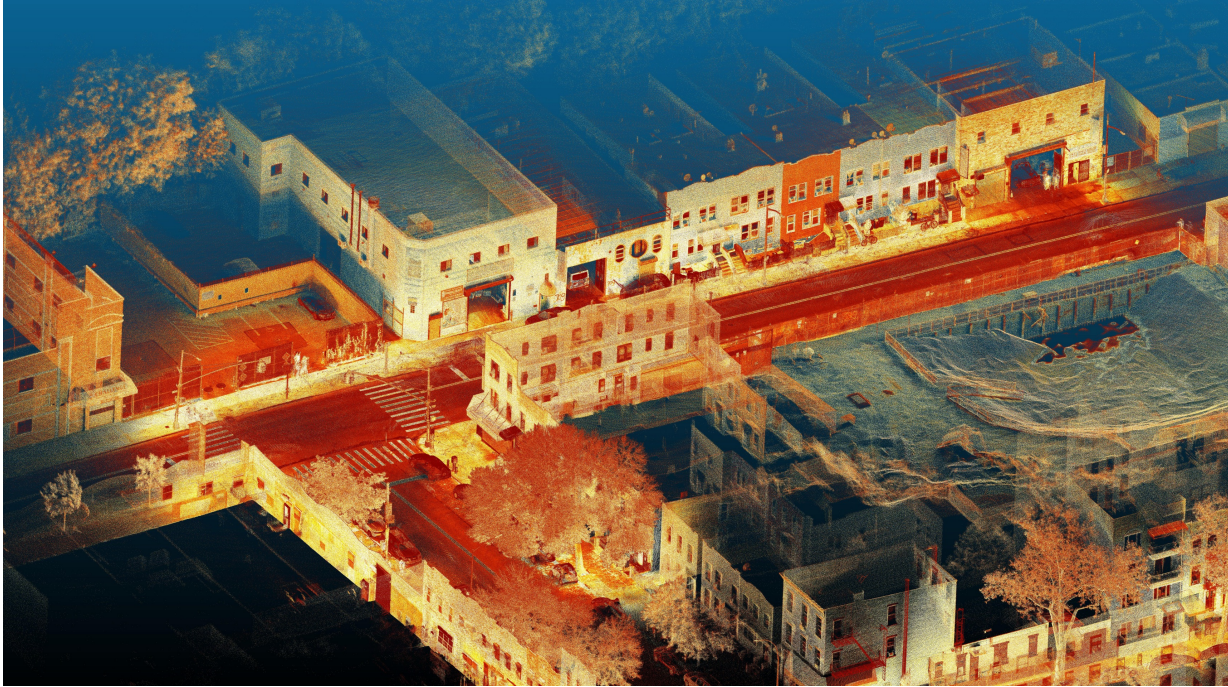Raw LIDAR scan with trees separated from ground points.

Our software extracts ground-only points for true terrain under trees.

Surveying and GIS features such as contours, elevations, areas and more can be delivered easily to stakeholders.

Aerial and Reality Capture – visualizations via LIDAR and photogrammetry to create accurate "digital twins" of entire city blocks and buildings.

Looking for more info? Contact Us:

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