

# Geomni's UAV Solution Solves Tree Coverage Imagery Problem



Geomni, a Verisk business that harnesses remote sensing and machine learning technologies, are providing a service to scan residential and commercial structures that are obscured by tree canopies from satellite and aerial imagery, helping document property values and evaluate roof damage using drones.

"A drone's ability to fly under the tree canopy and capture photos of different angles and perspectives makes it possible to capture detailed data about every aspect of the exterior of a building," said Jeffrey C. Taylor, Geomni's president. "We then use artificial intelligence solutions to interpret that data to help create a detailed report about the exterior of a structure, including roof and exterior diagrams with the precise placement of doors, windows, and other structural features."

"We've been encouraged by the data we are able to generate with images from drones and believe this technology may revolutionise the property data industry, enabling virtual roof inspections, automated hail damage assessments, and expanded rural coverage," Taylor said. "Trees have been a major obstacle, reducing our ability to 'see' various roof details. Now, we can expand our comprehensive data packages to cover structures that have previously been obscured from fixed-wing flights."

Geomni's set of solutions includes Geomni Property and Geomni Roof and can be requested seamlessly through Xactware's suite of solutions, Xactimate and XactAnalysis. Xactware is an exclusive reseller of Geomni products for the property insurance restoration and remodeling industries. Data packages are also available as a stand-alone product for customers in roofing and other markets at [www.ordergeomni.com](http://www.ordergeomni.com).

Geomni offers customers the option to order UAV (unmanned aerial vehicle) inspections from a worldwide network of licensed drone operators. To learn more about Geomni, visit [Geomni.net](http://Geomni.net).