



Delivering Innovation for Insurers



Drive Business Forward with Wide-scale, Accurate Imagery and Advanced Property Analytics

Vexcel operates the world's largest aerial imagery program, providing high-resolution aerial imagery and detailed geospatial data for insurers and Insurtech companies. This information leads to more informed underwriting, better claims decisions, increased awareness of fraud, and faster disaster response.

Using award-winning and industry-leading aerial camera sensors, Vexcel offers a cloud-based imagery service for 40+ countries around the globe in highly detailed resolution. From dense urban populations to country-wide rural locations, customers get access to a comprehensive aerial imagery library to improve and enhance decision-making.

Unlock the advantages of having historical and frequently updated imagery in your toolbox, saving you time and money, and maximizing your available resources. Innovate with high-res imagery and AI-driven solutions using aerial data unmatched in quality and accuracy.

Vexcel's consistently reliable imagery can be taken and used anywhere, in the office or on the ground, and integrated with any tool, application, or analytics solution. Plus, take advantage of flexible pricing options designed to scale with your needs. Leverage advanced data insights to optimize your operations and target the right customers.



**40+
COUNTRIES**



**UNMATCHED
ACCURACY**



**40+ ATTRIBUTES
PER PROPERTY**



**OPTIMIZED
FOR AI**



**GRAY SKY
IMAGERY**

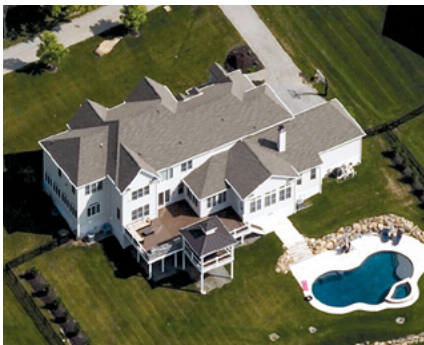
Imagery Products

High-resolution aerial imagery and data allows insurers to unlock key workflow advantages with instant access to property information. High-resolution imagery provides views with greater details and finer resolution than satellite and a broader scope of visualization better than any drone program. It's also timestamped verification for your PIFs. Use it to assess risks remotely and in great detail to create better risk models and grow your business without needing to send adjusters out into the field.



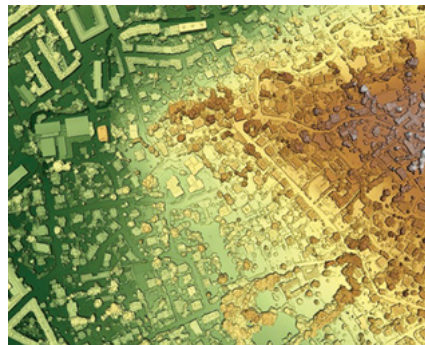
Orthomosaic

Vexcel provides a suite of top-down views to help you see properties in high resolution, perform remote assessment for underwriting, and identify changes with ease. **TrueOrtho** allows you to view major cities and urban areas without building lean (parallax) or seamlines at 7.5cm resolution. **Wide Area Ortho** gives you consistent views in 15cm resolution in urban, suburban, and rural regions. **Urban Ortho** offers more views in more places in major metro areas in the contiguous U.S. at 7.5cm resolution.



Oblique

Collected at a 45° perspective, Oblique imagery provides multiple views (N, S, E, W) of urban and suburban properties and neighborhoods in ultra-high resolution at 7.5cm. Take height measurements and virtually walk around a property.



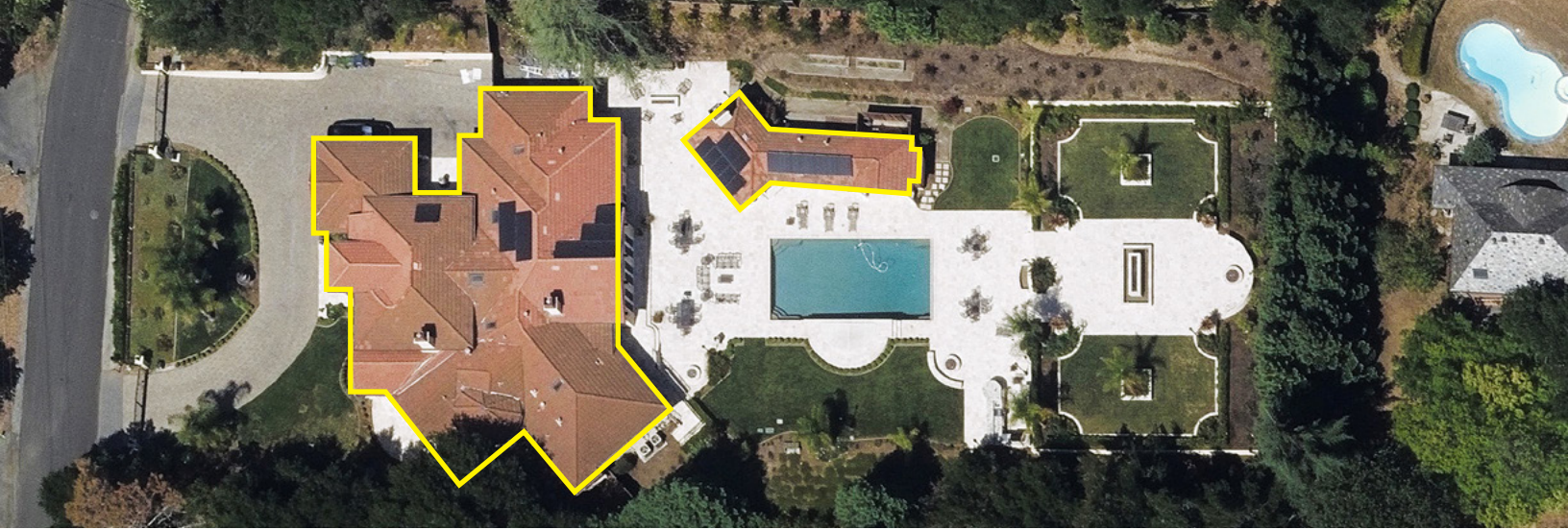
Elevate

Digital Surface Model (DSM) and Digital Terrain Model (DTM) data offer insight into the earth's surface and built objects. Generate immersive, realistic models to bolster your risk modeling.



Multispectral

Multispectral imagery helps the unseeable become seen. Use it to quickly detect vegetation presence and health when underwriting a property and identifying wildfire risk.



Elements

Build your knowledge of a property and building using Elements, machine learning automated insights pulled from best-in-class aerial imagery.

Property Attributes & Reports

View in seconds property facts and features for properties in multiple countries such as the U.S., U.K., Australia, Canada, France, Germany, Italy, New Zealand, Puerto Rico, and Spain. Identify issues that raise red flags, assess property value more accurately, and ensure proper coverage for your customers. Get a quick view of property attributes or a full pdf report for a specific property you can attach to a PIF.

Building Footprints

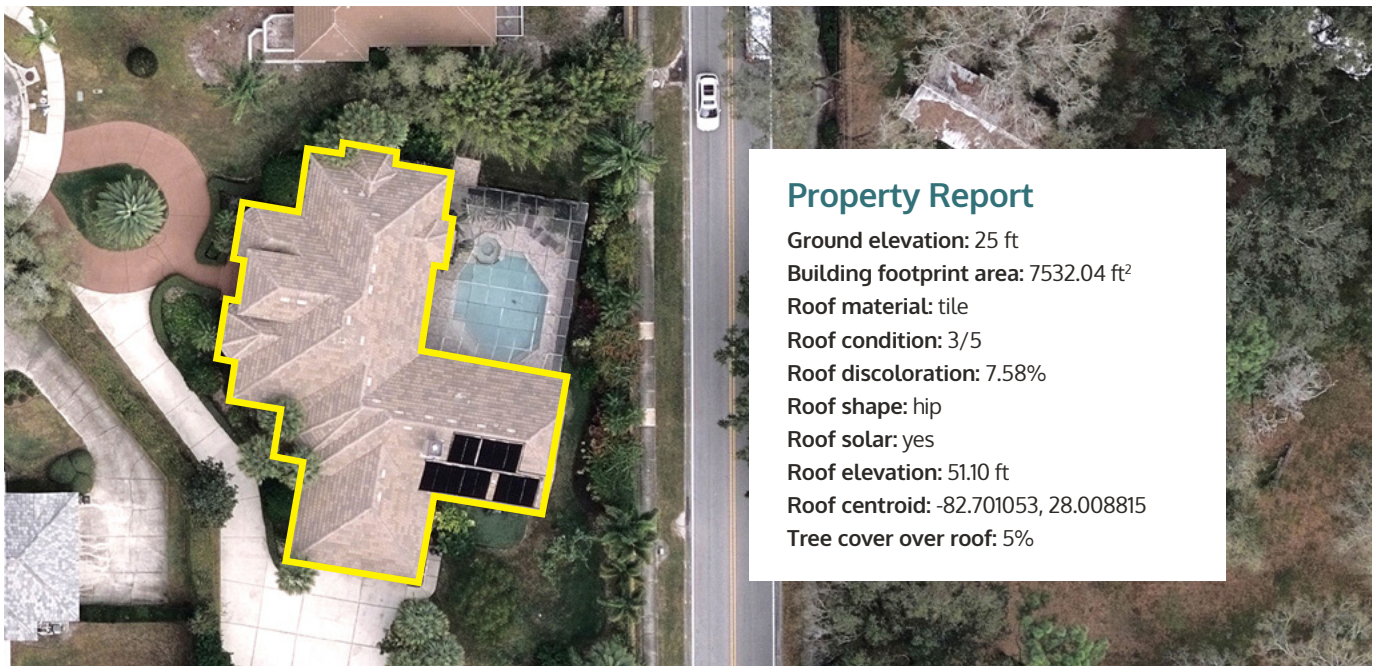
Easily view what a building is shaped like, its dimensions, and how much space it takes up relative to its surroundings. Available in 40+ countries.

Building Attributes

Quickly assess building attributes for underwriting, risk management, and claims management. View multiple attributes on millions of properties in 40+ countries.

Damage Assessment & Reports

Get instant insights on damage sustained to a building following a major catastrophe such as a hurricane, tornado, or wildfire. Better evaluate the scope of damage with remote assessment and proactively begin the claims process for customers.



Property Report

Ground elevation: 25 ft
Building footprint area: 7532.04 ft²
Roof material: tile
Roof condition: 3/5
Roof discoloration: 7.58%
Roof shape: hip
Roof solar: yes
Roof elevation: 51.10 ft
Roof centroid: -82.701053, 28.008815
Tree cover over roof: 5%

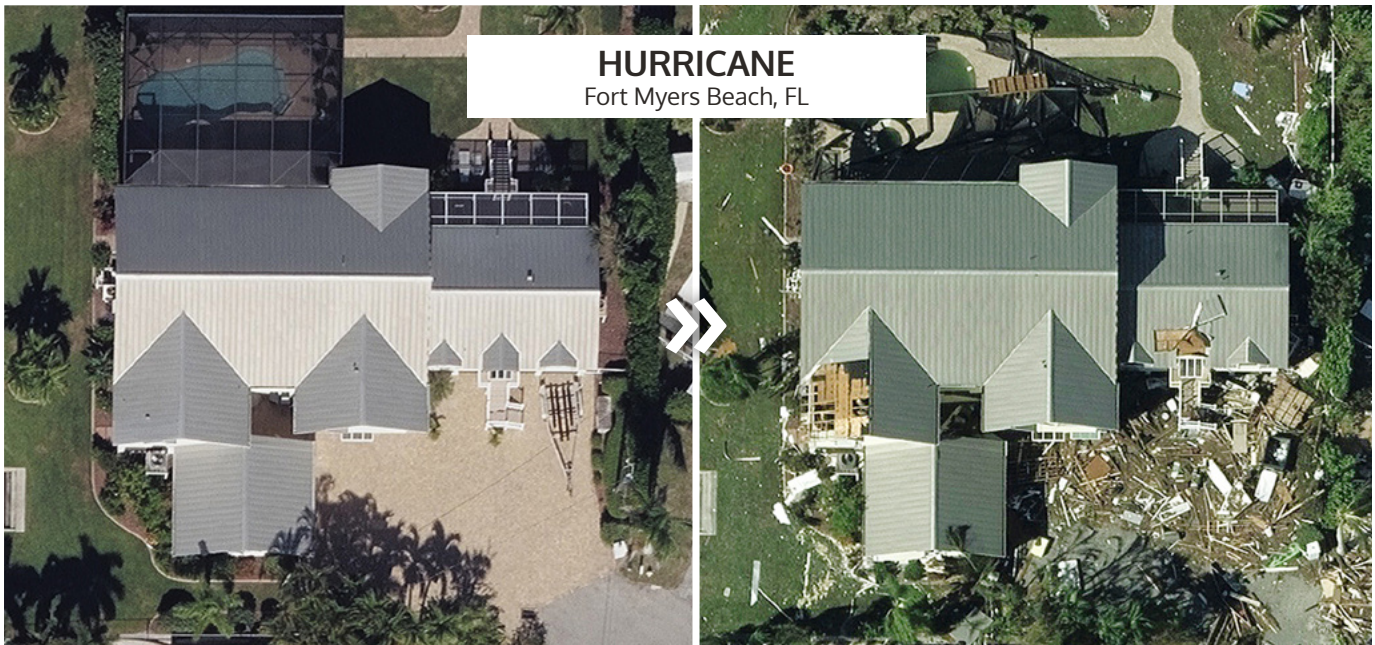
Gray Sky Collections

Gray Sky is Vexcel's disaster response program, focused on collecting disasters since 2017. Following hurricanes, wildfires, and tornadoes in the U.S., aerial imagery is collected of impacted properties. In other countries and regions, Gray Sky imagery is collected on demand. Customers receive access to high-resolution imagery shortly after wheels down on aircraft (usually within 24 hours), often getting the full picture into damage on properties before reported claims.

Gray Sky imagery is used for Damage Assessment alongside any previous captures of that area. This ensures customers can readily assess what existed before to match claims coming in and also reduce the risk of fraud.



Vexcel has covered Gray Sky events in: U.S., Australia, Germany, Japan, Puerto Rico, and New Zealand.



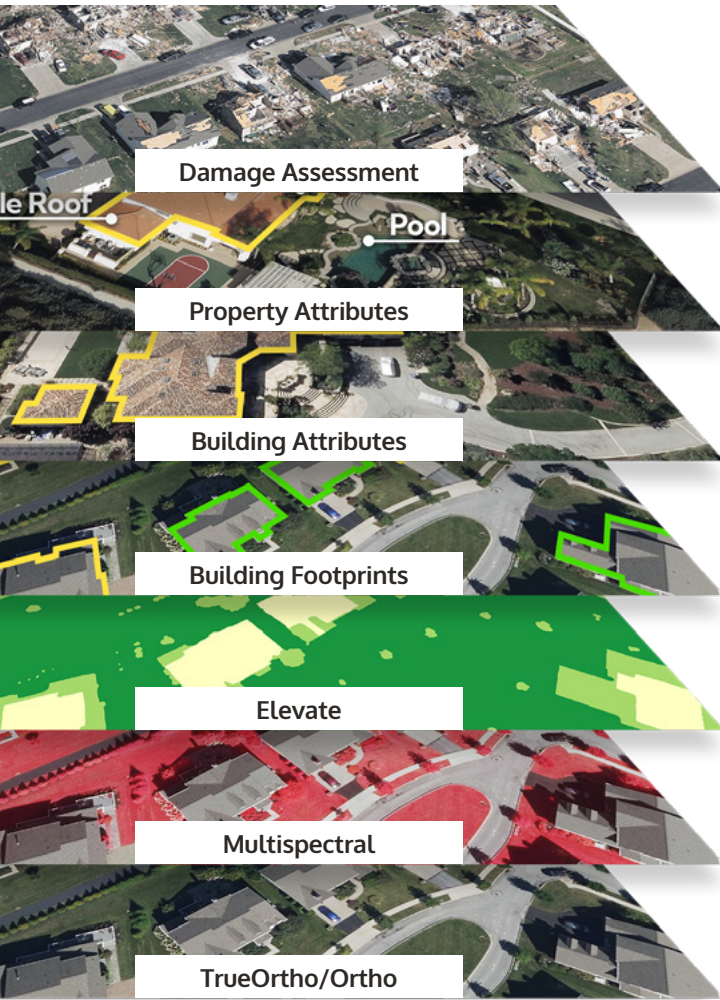
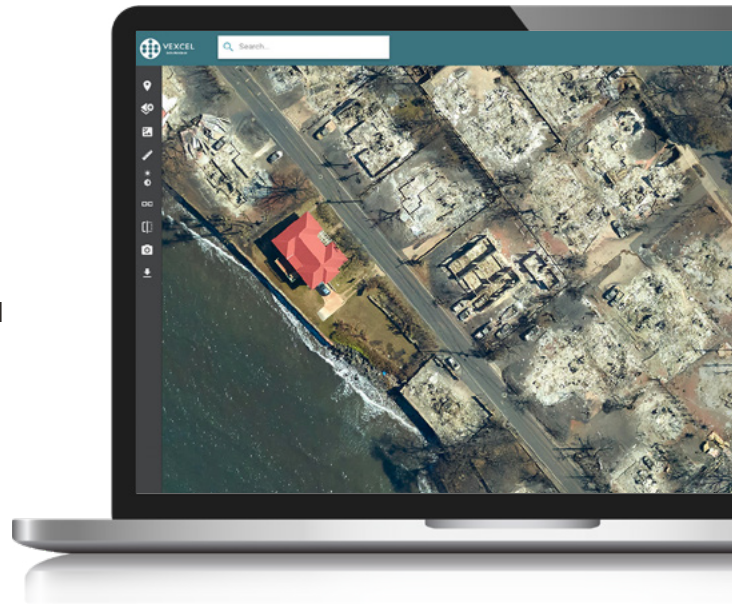
In addition, Gray Sky imagery paired with Multispectral data helps insurers determine the full scope of damage following destructive wildfires.



Access & Integration

Insurers need to integrate imagery and data into their in-house or third-party platforms. Vexcel offers its own platform with APIs, MapControl SDKs, Map Services, and Viewer. See vexceldata.com/platform for more information.

In addition, Vexcel partners with leading Insurtech platforms and integrators to ensure compatibility with a variety of solutions. Learn more at vexceldata.com/partners.



Unmatched Accuracy

Trust what you see and use across the policy life cycle with highly accurate imagery from Vexcel. Imagery is matched against the largest private library of ground control points for enhanced accuracy. Accuracy is key for running analytic solutions powered by artificial intelligence (AI) and machine learning (ML). Plus, Vexcel products have a pixel-to-data match across multiple products and derivatives.

"Vexcel gives our engineers and claims adjusters a birds-eye view of the properties we insure. Ultimately, it allows us to really understand what's happening on the ground, gives us better information to make recommendations and respond quicker to our customers' needs, especially after a natural disaster."

– Karl Meredith, Principal Research Scientist,
FM Global



"We've become more proactive instead of reactive with our claims management because of our involvement with Vexcel. It's completely changing our claims life cycle and helps reinforce our service delivery to our customers."

– Matt Grottick, Sr Claims Adjuster,
Brit Insurance



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