



Simple, Verifiable Drone Models for Heavy Construction

Reveal Maps creates 3D point clouds and orthomosaic maps from your RTK drone flights with simple, intuitive, verifiable workflows. Simply drag your photos in, press a button, and compare the results both visually and numerically for high confidence in surface quality.

Paired with Reveal Clean, the resulting point cloud is separated using AI into Heavy Construction objects that can easily be removed or edited to quickly give bare earth models for volumes and planning in Gradework.



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The Reveal Workflow

AGTEK recommends the Anzu Raptor RTK, a versatile commercial drone equipped with a mechanical shutter, rapid interval shooting camera, and an RTK module for centimeter-level precision. Paired with the Anzu RC Pro remote controller and the integrated Aloft Air Control software, flight planning becomes a seamless process.

Data You Can Trust

These streamlined processes ensure a high degree of accuracy and allow for precise mapping, planning, and decision-making on your construction projects. Bringing together cutting-edge drone technology, advanced AI, and intuitive software, AGTEK's Reveal platform presents an unmatched solution to effectively and efficiently manage your construction site data.

- ⇒ Drag and drop the images gathered into Reveal Maps.
- ⇒ Reveal Maps automatically process the data to calculate a point cloud and an orthomosaic TIFF.
- ⇒ Reveal Clean efficiently classifies different items on your job site, from categorizing different materials to identifying heavy machinery.
- ⇒ Reveal Maps verifies localization. Known survey points are established which align the point cloud and orthomosaic imagery with the job site's specific coordinates.

