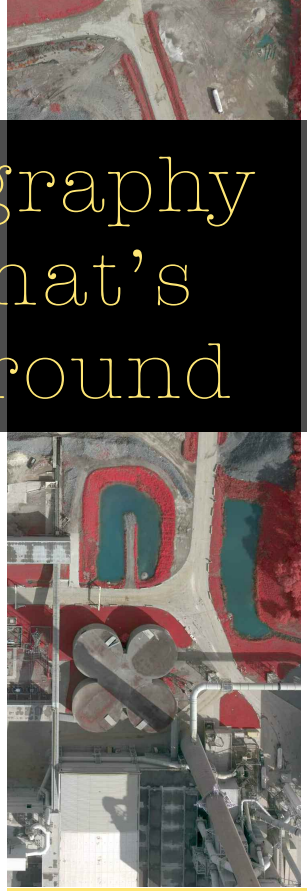
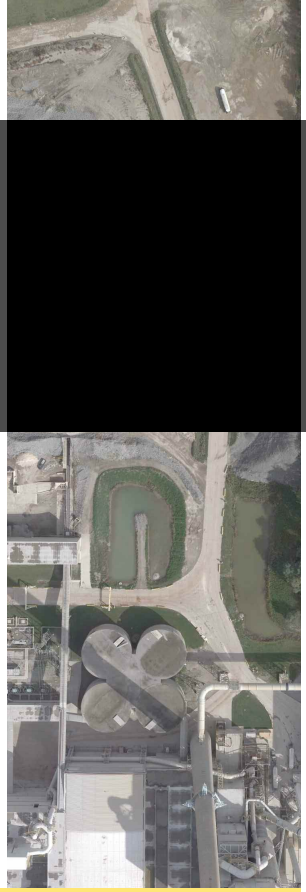
Digital Aerial Photography Allows You to See What's Happening on the Ground





Unrivalled image quality. Unprecedented accuracy. Faster turn-around times. Simplified workflow. Digital aerial photography delivers all of this and more to environmental and engineering professionals. And as usual Airborne Sensing Corporation is in the vanguard, the first Canadian company to adopt the breakthrough digital technology of industry leader Vexcel Corporation.

For years the photo survey industry has looked forward to the superior integrity, efficiency and economy of digital imaging. Today the newest digital aerial cameras and software surpass the best analog solutions. Standards are being refined, and user expectations raised, around the globe.

Airborne Sensing has identified one technology as the best of the best: the UltraCam large-format digital aerial camera. Combining our expertise in aerial photography with Vexcel's standard-setting photogrammetric solutions, we provide the high-quality, verifiable images you need to map the world – and the uncompromising accuracy you demand to make decisions with confidence.

Airborne Sensing Corporation

Since 1980, Airborne Sensing has been a leader in aerial photography across Canada and internationally. We have two key strengths:

1) Our solid track record. We've built a reputation for working quickly and efficiently, with intelligent planning and superb project management. Our work has been used in a range of environmental applications, including aggregate impact studies, algal mapping, forestry, limnology, water runoff mapping, wildlife inventories and waste management studies. We've tackled every kind of challenge: unpredictable fogs in Newfoundland; the measurement of NASCAR tracks in the southern U.S.; the logistics of operating offshore in Belize or Turks and Caicos. In a phrase – we get the job done.

2) Our expertise. Airborne Sensing's tight-knit team includes highly experienced image production specialists, a geomatics engineer and, of course, our professional pilots. In the air and on the ground, we know what we're doing and get that expertise working for you – whether it's our leading-edge digital solution or the impeccable analog photography on which we built our reputation.

Measurable Benefits

More detail: Areas previously in shadow are rendered with pinpoint accuracy to the fraction of a pixel.

More information: Three simultaneous levels of data – colour infrared (CIR) panchromatic and colour.

Integrated GPS: Digital data can be instantly combined with positioning measurements for precise topographic mapping using aerial triangulation.

Simpler automation: Images are more easily and economically processed into sophisticated maps.

Faster workflow: Images flow directly into your systems – and even more comprehensive solutions are coming.

Environmental/Engineering Benefits

Sharper imagery and integrated elevation modelling allow 3-D measurements as precise as, or superior to, those of film-based cameras.

With superior, multi-spectral accuracy, it's easier to assess concerns like forest health or soil drainage – in colour, b&w and CIR, or as a 4-band composite.

Vegetation studies identify species, note position and assess health. Wildlife inventories combine location, identification and mensuration. Aquatic studies show coastal patterns, vegetation position and health.

All aerial image data can be imported into, or used directly in, GIS environments with full georeferencing.

Automated image classification allows the detection of similar surface objects/attributes – e.g., to identify an invasive plant species, or the proportion of hard surface to vegetative surface in a defined environment.

the airborne sensing corporation

TO FIND OUT MORE ABOUT OUR NEW DIGITAL CAPABILITY AND THE FULL RANGE OF SERVICES AVAILABLE FROM AIRBORNE SENSING, PLEASE CALL OUR PRESIDENT, ALEX GIANNELIA, AT 416-203-9858 OR EMAIL AG@AIRSENSING.COM.