

# Applanix' DSS Certified by USGS

Following an extensive examination and evaluation, the Applanix Airborne Digital Sensor System (DSS) has been granted full manufacturer certification by the United States Geological Survey (USGS).

With this acknowledgment, the USGS recognises that the Applanix DSS airborne digital camera system successfully meets with manufacturer claims and is capable of providing quality, consistent image data to support civil government mapping and ortho-photography product development. USGS certification is valid for all Applanix DSS camera systems that match the system type evaluated by the USGS during the 2006 site inspection.

The Applanix DSS is a ready-to-use directly georeferenced medium-format airborne camera system that provides digital imaging for aerial surveying and remote sensing applications. A mapping-quality alternative to large-format digital cameras, the DSS is a compact and complete system with competitive advantages for organizations searching for rapid, cost-effective aerial imaging solutions.

“The USGS manufacturer certification is an important step for the DSS,” said Joe Hutton, Director of Airborne Products for Applanix. “It provides the official validation to our performance claims; something we have always stood behind and which our customers have long known.”

The DSS 322 is comprised of an integrated POS AV direct georeferencing system, a medium-format True Color and CIR digital imager with a yaw stabilized azimuth mount, a ruggedized data logger and pressurized drive, a built in Flight Management System (FMS), imagery and POS AV data post-processing software. The DSS is designed to generate high-quality color and CIR directly georeferenced digital imagery that produces an accurate and radiometrically consistent product with 0.033 m to 1m Ground Sample Distance (GSD).

*Source: Applanix*

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<https://www.gim-international.com/content/news/applanix-dss-certified-by-usgs>

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