

## News Release

### For Immediate Release

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### **Sensors Unlimited and Cloud Cap Technology Partner to Expand Imaging Applications for UAVs and Manned Safety Systems**



PRINCETON, NJ, JULY 27, 2009 – Sensors Unlimited, Inc., part of Goodrich Corporation, and Cloud Cap Technology ([www.cloudcaptech.com](http://www.cloudcaptech.com)), acquired by Goodrich Corporation in May, 2009, are teaming up to provide specialized imaging solutions for military, security and surveillance markets. The combined companies, both part of Goodrich’s ISR (Intelligence, Surveillance and Reconnaissance) Systems group, are developing new micro-gimbal imaging systems that are based on Sensors’ expertise in shortwave infrared (SWIR) imaging and Cloud Cap Technology’s leadership in autonomous avionics solutions for small unmanned UAVs and manned safety and surveillance tasks.

Ed Hart, Vice President and General Manager for Sensors Unlimited, notes, “We have worked with Cloud Cap Technology in the past on various UAV imaging payloads. Since the merging of our two companies, we are now strategically positioned to develop and deliver advanced avionics and imaging solutions to growing ISR demand.”

Sensors Unlimited’s compact, lightweight (less than 90g) SU640KTSX InGaAs SWIR camera delivers full motion video at 640 x 512 pixel resolution (25 um pixel pitch) in the NIR/SWIR band (0.7 – 1.7  $\mu\text{m}$ ). The small camera configuration permits easy integration into Cloud Cap Technology’s family of micro-gimbals. This powerful aerial observation combination enables excellent visibility through many atmospheric obscurants like smoke, haze, and fog.

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Sensors Unlimited's SU640KTSX SWIR camera has been successfully integrated into Cloud Cap's TASE, TASE Duo, and T2 stabilized micro-gimbals and delivered to multiple DoD customers. A TASE Duo implementation with SWIR and EO imagers was tested in flight over an active forest fire and video imagery from both cameras shows the SWIR imager locating the flames and the path of the fire which the smoke hides from the visible camera. To view the video, please visit [http://www.sensorsinc.com/forest\\_fires.html](http://www.sensorsinc.com/forest_fires.html). The slightly larger and higher performance T2 gimbal has been delivered with a Bi-FOV zoom lens on the SWIR camera, an EO video imager, and a SWIR illuminator.

Sensors Unlimited, Inc., part of Goodrich Corporation, based in Princeton, NJ, has pioneered the design and production of NIR and SWIR cameras and systems utilizing advanced Indium Gallium Arsenide (InGaAs) imaging technology for industrial, commercial, military, agricultural, and scientific markets. For additional information on InGaAs-based shortwave infrared imaging detectors, arrays, and systems, please visit [www.sensorsinc.com](http://www.sensorsinc.com).

Cloud Cap Technology Inc., now part of Goodrich Corporation, was established in 1999 for the purpose of providing highly integrated software and hardware solutions for the emerging Unmanned Aerial Vehicle (UAV) market. The TASE family of high performance stabilized camera micro-gimbals are substantially smaller, lighter, lower cost and offer the potential to provide high performance/high value solutions when coupled with the latest small UAV platforms. For more information, please visit [www.cloudcaptech.com](http://www.cloudcaptech.com).

Goodrich Corporation, a *Fortune* 500 company, is a global supplier of systems and services to aerospace, defense and homeland security markets. With one of the most strategically diversified portfolios of products in the industry, Goodrich serves a global customer base with significant worldwide manufacturing and service facilities. For more information, visit [www.goodrich.com](http://www.goodrich.com).

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