

**THIS SOLDIER IS
ALWAYS ON GUARD.**



FLIR SYSTEMS' RAID SENSOR.

ALWAYS VIGILANT

In what can only be characterized as a successful intersection of U.S. Army program management and industry best practices, the Army has procured and fielded a highly effective force protection capability in Afghanistan and Iraq under the RAID and BETSS-C programs. Designed around FLIR Systems' Star SAFIRE III electro-optic/infrared (EO/IR) sensor, the program continues to fulfill its primary mission of protecting Soldiers.

Through teamwork and a strong leadership with FLIR, the Army has leveraged its management expertise to develop a system that now costs less to manufacture, has better quality and is more reliable.

The result is a sensor that is tailor-made for force protection. It is the most economically efficient system available today, with the gyroscopic stabilization and long-range focal lengths essential for tower-based persistent surveillance.



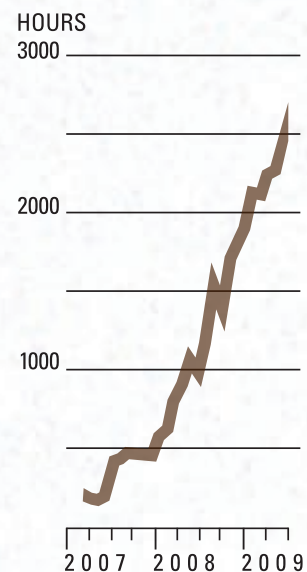
REFINED THROUGH LESSONS LEARNED

With hundreds of RAID systems fielded under the BETSS-C program currently providing force protection coverage, FLIR mastered an extensive learning curve during the past 6 years to improve RAID sensors to the point where they have demonstrated high reliability and continue to exceed Soldiers' expectations. FLIR builds the RAID sensor to perform well beyond MIL-SPEC to address extreme temperatures, solar loading and the other harsh environmental conditions found in Afghanistan and Iraq.

For example, when MIL-SPEC requirements did not adequately define a system that could operate reliably in theater, FLIR stepped in and used industry best practices and internal Tiger teams to develop sensors that are dependable and operate under the great extremes of heat, cold, dust and sand found in the field conditions of Afghanistan and Iraq.

These years of experience in building, fielding and improving sensors under the RAID and BETSS-C programs have allowed FLIR and the Army to increase mean time between failure (MTBF) of the sensor by a factor of four since the program's inception.

MEAN TIME BETWEEN FAILURE



Actual MTBF is higher than shown, due to reliability hours accumulating on systems currently in operation.



MAINTAINED AT WARTIME OPERATIONAL TEMPO

FLIR made a strategic commitment to lean forward in support of the warfighter and invested significant capital resources of its own to guarantee operational readiness of the RAID sensors. FLIR established a maintenance facility in Dubai, United Arab Emirates (UAE), near the area of operational responsibility (AOR) to conduct triage and to repair RAID sensors as close to the battlefield as possible, significantly reducing system downtime. The Middle East facility augments FLIR's extensive maintenance and support operations in the U.S., shortening repair turnaround time by eliminating transit delays.



By forward locating a maintenance facility and making a significant capital investment in inventory, FLIR improved turnaround time from approximately 30 days in 2007 to less than 1 week today. FLIR is determined to maintain the short repair turnaround time of its RAID sensors that are providing Soldiers with the vital situational awareness capabilities needed on the ground, in theater, today.

NONE BETTER FOR FORCE PROTECTION

Proven over years of operation in the harsh environments of Iraq and Afghanistan, FLIR's RAID technology is unparalleled in its ability to provide tower-based persistent surveillance and vital force protection. Through economies of scale, investment in manufacturing technology and quality management systems, and an extensive lessons-learned process, FLIR solved the reliability and maintainability issues associated with the EO/IR sensor for the RAID program.

The warfighter has expressed confidence in the capabilities of the technology, and FLIR Systems stands ready to work with the U.S. Army on near- and long-term requirements for vehicle and tower-based persistent surveillance capabilities.



For more information, visit www.FLIR.com/GS