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## SELEX S&AS Launches New Lightweight Thermal Imaging Cameras at the Paris International Airshow 2007

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SELEX Sensors and Airborne Systems (S&AS), a Finmeccanica Company, will unveil its newly developed Lightweight High Performance Thermal Imaging Camera technology at the 47<sup>th</sup> International Paris Air Show this week – this is the first time that this equipment has been displayed in Europe.

SELEX Sensors and Airborne Systems (S&AS), the second largest defence electronics company in Europe, will be demonstrating its high performance cameras alongside a number of its market leading products and technologies reflecting its strategy of military and security balance.

SELEX S&AS is especially proud to take this opportunity to launch two new compact lightweight thermal cameras, the new SLX-Hawk and the SLX-Eagle LW. Both of these infrared cameras are available with a range of optical systems for wide area surveillance and long range recognition and identification and deliver unrivalled image quality and extended range in a low volume package

The SLX-Hawk is a Mid Wave infrared camera incorporating the SELEX SAS Hawk 640x512 pixel detector with a 16 micron pitch in a compact package. The SLX-Eagle is a Long Wave infrared camera based on the Eagle LW 640x512 pixel detector with a 24 micron pitch and is being demonstrated at the Paris Airshow producing 1280x1024 pixel images from the internal microscan system. Both cameras are based on a new compact, lightweight thermal imager core.

Two versions of this thermal imager core are currently available, each with various detector options and lens design to fit the requirements of specific customer applications:

SLX I - High performance imagers up to 1280 x 1024 pixels with Microscan  
SLX II - High Performance 3<sup>rd</sup> Gen imagers up to 2048 x 1536 pixels with Microscan

The Camera core is characterised by:

- A flexible modular design to allow integration into challenging space envelopes
- An ability to be installed as a standalone imager or separated to reduce size and weight where this is a key requirement e.g. on gimbals' payload or existing pod space.
- Availability of three configurations available
  - Sensor Head located in optical path with remote mounted processing card and external power supply.
  - Fully functioning imager without covers.
  - EMC and environmentally sealed Imager.

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Mark Byfield, Vice President of Sales and Marketing, said “our new SLX Hawk MW and SLX Eagle LW thermal imaging cameras offer an unrivalled combination of image quality, range and compact size. We launched the cameras at SPIE in Orlando two months ago and received tremendous interest which is already leading to evaluation trials with several major OEMs.”

**Notes to Editors:**

SELEX Sensors and Airborne Systems, a Finmeccanica company, is one of Europe's leading defence electronics companies and provides world class capabilities in surveillance, protection, tracking, targeting, navigation & control, and imaging systems. SELEX S&AS brings together SELEX Sensors and Airborne Systems UK and Italy's Galileo Avionica. Some 7,200 people are employed across operations in the United Kingdom, Italy, and the United States.

SELEX S&AS offers world class Thermal Imaging Systems for air, land and naval systems in both military and civilian applications. SELEX S&AS has the technology and expertise to offer complete solutions in detectors, digital signal processing, optics and software.

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