News Release

![CAMBRIDGE PIXEL — SENSOR PROCESSING & DISPLAY SOLUTIONS]

Cambridge Pixel Supplies Radar Tracker to Blighter for Korean Demilitarised Zone (DMZ)

- *Software tracker optimised for Blighter radar to provide target track identification, heading and speed as well as multi hypothesis tracking to reduce nuisance alarms*

CAMBRIDGE, United Kingdom, September 16, 2014 – Cambridge Pixel (www.cambridgepixel.com) a developer of sensor processing and display solutions, has supplied its radar tracking technology to Blighter Surveillance Systems for use as part of a persistent surveillance capability along the Korean Demilitarised Zone (DMZ), a buffer zone running 250km across the Korean peninsula and separating North and South Korea.

Cambridge Pixel's software tracker has been optimised for use with the Blighter B400 series long-range electronic-scanning radars to provide target track identification, heading and speed as well as multi hypothesis tracking to reduce nuisance alarms.

The tracking software receives radar detections from the Blighter radar and correlates information across multiple scans to create tracks that describe the position and dynamics of targets of interest. The tracks are then reported back into the BlighterView HMI command and control (C2) software platform.

Mark Radford, CEO of Blighter Surveillance Systems, said, "Cambridge Pixel's tracking technology is best-in-class. It provides accurate target information and is fully parameterised, highly configurable and supports multi hypothesis tracking to improve tracking efficiency and minimise false alarms in the extreme conditions."

The Blighter radars work 24 hours a day, 365 days a year, monitoring the 4km-wide DMZ for any human, vehicle or low-flying aircraft incursions, including UAVs/drones. The radars are deployed along the DMZ, in one of the world's most mountainous countries with environmental extremes of -30ºC in winter and a humid +40ºC in summer.

"Cambridge Pixel's engineering team is technically competent and highly responsive and we are currently in discussion with them to further optimise the tracker for the DMZ project," added Mark Radford. "Our radar is uniquely suited for operation in extreme weather and hilly/rocky terrain due to the combination of our PESA electronic-scanning, Doppler and FMCW technology – Cambridge Pixel's tracker adds another string to our bow!"

Blighter Surveillance Systems delivers an integrated multi-sensor package to systems integrators comprising the Blighter radars plus cameras, thermal imagers, trackers and software solutions. Its ITAR-free systems are used worldwide in commercial, government and defence markets in area and asset protection for national border security, homeland security, critical infrastructure protection such as airports, coastal surveillance, and in military applications.

David Johnson, Cambridge Pixel's managing director, said: "We are delighted to see that our tracking technology is being used by Blighter in this strategic surveillance operation on the Korean DMZ and will continue to develop our software 'modules of expertise' to deliver the flexibility, features and configurable solutions our customers require."

Cambridge Pixel's tracking technology is part of its SPx suite of software libraries and applications which provide highly flexible, ready-to-run software products or 'modules-of-expertise' for radar visualisation, radar video distribution, plot extraction and target tracking. Cambridge Pixel's engineering team has decades of experience of developing complex radar processing and display systems for naval, air traffic control, vessel traffic, Electronic Chart Display and Information Systems (ECDIS), security, surveillance and airborne radar applications.

For more information on Cambridge Pixel's software, please visit www.cambridgepixel.com or call: +44 (0) 1763 852749 or email: enquiries@cambridgepixel.com.

To accompany this news release, a high resolution photograph is available at:
http://www.cambridgepixel.com/news/

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About Blighter Surveillance Systems (www.blighter.com)

Blighter Surveillance Systems is an electronic-scanning radar and sensor solution provider. The company delivers an integrated multi-sensor package to systems integrators comprising the Blighter electronic-scanning radars, cameras, thermal imagers, trackers and software solutions. Blighter radars combine patented solid-state Passive Electronic Scanning Array (PESA) technology - utilising digital beamforming (DBF) on transmit and receive - with advanced Frequency Modulated Continuous Wave (FMCW) and Doppler processing to provide a robust and persistent surveillance capability and an unmatched combination of high reliability, accuracy and performance with a low cost of ownership. Products are manufactured under a BS EN ISO 9001:2008 certified management system. Blighter Surveillance Systems is a Plextek Group company, a leading British design house and technology innovator, and is based at Great Chesterford on the outskirts of Cambridge, England.

About Cambridge Pixel (www.cambridgepixel.com)

Cambridge Pixel is a UK-based specialist developer of sensor processing and display solutions including primary radar interfacing, processing and display components for military and commercial radar applications. It is a world-leading supplier of software-based radar tracking and scan conversion solutions through its modular SPx and Secure-X software and HPx hardware product range. Based near Cambridge in the UK, the company operates worldwide through a network of agents and distributors.

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