News Release

Cambridge Pixel Provides Free Tool for Radar Coverage Visualisation

- *SPx Radar Coverage Tool assists commercial security/defence integrators, installers and developers to select optimum location for a radar or other sensor based on line-of-sight visibility*

CAMBRIDGE, United Kingdom, September 26, 2016 – Cambridge Pixel (www.cambridgepixel.com), an award-winning supplier of radar display, tracking and recording subsystems, has announced the availability of a free software tool to assist commercial security and defence integrators, installers and developers to select the optimum location for a radar or other sensor based on line-of-sight visibility.

The SPx Radar Coverage Tool is an easy to use downloadable Windows application providing a visual display of radar coverage around the world. The tool calculates the visibility of targets at different heights based on the location and height of the radar. It uses terrain data from the Shuttle Radar Topography Mission to calculate the line-of-sight from the radar to each point in space, and the display then shows this as colour-coded bands on an underlay map.

The proposed location of the radar may be entered directly as latitude and longitude or the operator can simply click on a high-resolution map. The height of the radar and parameters of the radar itself (end range, top beam angle and bottom beam angle) may be entered and adjusted interactively, with the tool indicating target visibility as a function of height. Curvature of the earth effects are also factored into the line-of-sight calculations.

David Johnson, CEO of Cambridge Pixel, said "This is a really useful tool that our commercial security and defence customers have been asking for. It is easy to use and provides a fast, interactive method of exploring the implications of different radar locations and heights.

"The Radar Coverage Tool will be helpful in a variety of radar surveillance applications from coastal and air defence through to ground protection of military forward operating bases, large camps, observation posts and patrol bases where land features may provide blind spots in the radar coverage."

Cambridge Pixel is providing this unlimited, free version of the Radar Coverage Tool as a self-contained Windows application. A software integration kit is also available for users wanting to add the capabilities of the Radar Coverage Tool into their own application software. Cambridge Pixel will also be incorporating the Radar Coverage Tool into its other radar display products.

To download a free copy of the SPx Radar Coverage Tool follow the link below:

http://www.cambridgepixel.com/products/Radar-Coverage-Tool/

Cambridge Pixel's SPx Radar Coverage Tool is part of the company's world-leading SPx suite of software libraries and applications provide highly flexible, ready-to-run software products for radar scan conversion, visualisation, radar video distribution, target tracking, sensor fusion, plot extraction and clutter processing.

Cambridge Pixel's technology is used in naval, air traffic control, vessel traffic, commercial shipping, security, surveillance and airborne radar applications. Its systems have been implemented in mission critical applications with companies such as BAE Systems, Frontier Electronic Systems, Barco Defence, Blighter Surveillance Systems, DRS, Exelis, Kelvin Hughes, Lockheed Martin, Navantia, Navtech Radar, Raytheon, Royal Thai Air Force, Samsung Thales, Sofresud and Tellumat.

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

Media photos:

www.cambridgepixel.com/news

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About Cambridge Pixel (www.cambridgepixel.com)

Founded in 2007, Cambridge Pixel is an award winning developer of sensor processing and display solutions including primary and secondary 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 software, and HPx hardware product range. Based near Cambridge in the UK, the company operates worldwide through a network of agents and distributors. In 2015, Cambridge Pixel received a Queen's Award for Enterprise in International Trade for 'outstanding overseas sales growth over the last three years'.

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