



## **Cambridge Pixel targets security and traffic management applications with SPx Radar Image Server**

- *SPx-Radar Image Server provides cost-effective single licence solution for point to multipoint radar display applications*
- *SPX-Radar Image Server distributes up to four scan converted images to display clients including standard web browsers*

**CAMBRIDGE, United Kingdom, March 15, 2011** – Cambridge Pixel ([www.cambridgepixel.com](http://www.cambridgepixel.com)), a developer of primary radar, acquisition, processing and display solutions, has extended its product offering in radar display with the introduction of the SPx Radar Image Server (SPx-RIS).

The SPx-Radar Image Server provides a cost-effective single licence solution for point to multipoint radar display applications. It can distribute up to four scan converted images to multiple display clients including standard web browsers or custom-written applications in Linux or Windows. No client license is required to see the radar video.

David Johnson, managing director, Cambridge Pixel, said: “The SPx Radar Image Server is designed for use in cost-sensitive security and traffic management applications, where, as a consequence of commodity pricing of radars, there is growing interest in integrating radar sensor data as part of any monitoring system.

“Our innovative solution, a basic radar input card plus our sophisticated SPx-Radar Image Server software, provides a high flexible and cost-effective way of integrating radar video into view-only monitoring applications such as CCTV systems. Such is the flexibility of this software-based approach that different views of the radar coverage can be monitored at multiple locations on anything from a low-cost laptop to a high-resolution video wall.”

The Radar Image Server works by receiving the radar video in a server application and then creating up to four scan converted images for the radar coverage. This can be used to provide one image for full coverage of the radar and up to three additional images representing zoom views of selected areas.

The Radar Image Server is fully configurable through a server-side configuration tool to define the frequency of update of the images, the radar colour and the zoom. In addition, and to reduce network load, the system can be configured to send images at a frequency to match operational requirements.

Related textual information may be distributed with the images and automatically used to annotate the client display, for example to label the image with the sensor and location being observed. The Radar Image Server also provides a record and replay capability, allowing simultaneous distribution of the radar images and recording of the original data in the server.

The Radar Image Server is part of Cambridge Pixel's world leading SPx suite of software libraries and applications which provide highly flexible, ready-to-run software products 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, security and airborne radar applications.

For more information on Cambridge Pixel's range of commercial-off-the-shelf (COTS) solutions, please visit [www.cambridgepixel.com](http://www.cambridgepixel.com) or call: +44 (0) 1763 852749 or email: [enquiries@cambridgepixel.com](mailto:enquiries@cambridgepixel.com).

A high resolution photograph to accompany this news release is available at: <http://www.cambridgepixel.com/publicity.htm>.

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**About Cambridge Pixel ([www.cambridgepixel.com](http://www.cambridgepixel.com))**

Cambridge Pixel is a UK-based specialist developer of 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 software product range. Based near Cambridge in the UK, the company operates worldwide through a network of agents and distributors.

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