News Release

Cambridge Pixel

Approved final press release

Cambridge Pixel Supplies Radar Plot Extractors to Tellumat for South African Air Force

CAMBRIDGE, United Kingdom, December 9, 2010 – Cambridge Pixel (www.cambridgepixel.com), a developer of primary radar, acquisition, processing and display solutions, is supplying its SPx radar plot extraction and SPx scan conversion software to Tellumat (www.tellumat.com) for the South African Air Force's Airfield Approach Radar Systems.

Using the SPx library modules, Tellumat has implemented a dual channel radar processing system that selects an area of interest from the incoming video and extracts plots of potential targets. The system uses Cambridge Pixel's HPx-100 radar interface card to interface to the multiple videos, trigger and azimuth data of the Air Force's ATCR-33 radar.

The digitised video is then processed by the SPx plot extraction and plot merging module. In addition, the SPx scan converter module supports the plan position indicator (PPI) display of selected video inputs, which is then overlaid with graphics symbology. The project has upgraded six Air Force sites with the enhanced capabilities.

Richard Warren, Cambridge Pixel's director of software, said: "We have designed our SPx software library to provide a flexible set of software components to allow system integrators like Tellumat to build customised solutions for their customers."

Warren Whitfield, senior software engineer, Tellumut, said: "Cambridge Pixel's SPx software library really worked well for us in this upgrade programme. We were able to combine a number of functional blocks to implement a complex radar processor that receives, plot extracts and scan converts radar video. Cambridge Pixel has been very supportive to us and the project has been extremely successful."

Cambridge Pixel's world leading SPx suite of software libraries and applications provide systems integrators with 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.

more/

Page 2…

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

-ends-

About Tellumat (www.tellumat.com)

Tellumat is South African technology company that consists of three major trading divisions; Communications, Defence and Contract Manufacturing, and three partly owned companies; Sia Solutions (Pty) Ltd, Encee Engineering (Pty) Ltd and SIMpill (Pty) Ltd. Tellumat services three primary market areas, namely wireless voice and data communications, defence communication systems and high precision electronic and mechanical manufacturing. Tellumat is a world-class business focused on innovation, offering our customers dynamic and competitive technology products and services. We focus on understanding our customers' needs and forming long-term strategic alliances with likeminded enterprises worldwide.

About Cambridge Pixel (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. Cambridge Pixel 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.

Media contact:

Martin Brooke (for Cambridge Pixel)
Martin Brooke Associates
Tel: +44 (0) 1223 244500
Email: martin@mba-pr.com