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Public announcement:

HALO is lead partner in a consortium to develop a technology demonstrator for HALO IP under TSB grant 131257

Date: 21 September 2013

Further information: haloxray.com or publicity@haloxray.com.

Short form:

HALO IP to be boosted by UK government TSB grant supporting the development of a technology demonstrator (http://goo.gl/MZT6kv).

Long form:

HALO X-ray Technologies Ltd is leading a consortium of UK companies and Universities that have secured funding through the Technology Strategy Board (TSB) programme on 'Technology-inspired innovation'. This programme will provide key support for the development of new high-speed materials identification systems using core IP and further underpin HALO technology in all areas of application.

The consortium is led by HALO and includes Nottingham Trent University, Cranfield University and Totalpost Services plc. This alignment of both academic and industrial partners will be key to deliver a valuable technology demonstrator to support the on-going development of HALO core IP in aviation security, medical systems and industrial process control.

HALO IP provides a step change in the application of X-ray diffraction techniques and systems to real-time applications. This platform technology is designed to solve problems in, for example, security screening of luggage where it can be tuned to identify hidden materials including contraband drugs and explosives. Other applications include medical systems where we are supporting an EPSRC grant into *Point-of-Care High Accuracy Fracture Risk Prediction* and process control and manufacturing where the fine tuning of chemical properties can reduce energy consumption and carbon emissions.

HALO CEO, Simon Godber, stated *"Demonstration of HALO capability in our core areas of application is essential to achieve market acceptance and early adoption of our solutions. We see this demonstrator as a key part of engaging with both industry and future investors in HALO and welcome the opportunity of working with our partners in this programme to develop our core IP."*

HALO X-ray Technologies Ltd is pioneering the development of advanced, real-time, X-ray diffraction techniques and systems in aviation security, medical systems and industrial process control.

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