JENA, Germany, 30th July, 2014- eZono AG ("eZono"), a private corporation that designs, develops and markets state-of-the-art tablet ultrasound system, dedicated for procedural ultrasound, today announced the release of eZGuide Adaptive Needle Recognition (eZGuide ANR). This new release is a powerful advance in magnetic detection technology. eZGuide ANR automatically calibrates the eZono 4000 systems so clinicians may use their needle of choice with eZGuide Navigation Technology. In addition, automatic on-screen needle information, ensure clinicians are fully aware of the needle trajectory and penetration capabilities, prior to starting an invasive procedure, providing the clinician with the possibility to increase the safety and efficiency for each procedure.

‘eZGuide Adaptive Needle Recognition (ANR) is a major step forward for procedural guidance’, said Graham Cox, CEO eZono, ‘Our challenge up until now has been in managing the needle optimization process. We want to enable clinicians and hospitals to have flexibility for their choice of needle to perform procedures and still offer precision guidance from our system. With the introduction of eZGuide ANR technology, we have not only streamlined this needle selection process, but we have also included an improved feature set, which will display the capabilities of each needle before it is used on the patient. This puts the clinician much more in control by having all the information on the needle guidance, provided ahead of time’. Procedural Guidance is one of the fastest growing areas of ultrasound, and the increasing demand for procedural guidance is the direct result of the focus on patient safety. Existing procedural ultrasound technologies are products focused more on diagnostics than procedures, frequently requiring expensive add-on equipment and dedicated consumables which lock hospitals into expensive contracts. eZono will upgrade all eZono 4000 users to eZGuide Adaptive Needle Recognition, free of charge, expanding the clinical utility of the eZono 4000 system. Also included with the upgrade are image quality enhancements, user interface improvements and DICOM compatibility.

About eZono

eZono AG (www.eZono.com) headquartered in Jena, Germany, designs, develops and distributes state of the art tablet ultrasound systems specifically targeted at point-of-care markets. The eZono 4000 is CE marked and achieved FDA clearance in March 2014 and is now being successfully marketed and sold globally. The company is dedicated to supplying sophisticated procedural ultrasound guidance to clinicians performing procedures at the point of care.