

SCOTTY™ ASYSTED

Advanced System for Tele-guidance in Diagnostics

A tele-ultrasound system bringing remote expert advice and guidance to staff in the field.



Developed by SCOTTY and the German Aerospace Center
Deutsches Zentrum für Luft- und Raumfahrt e.V.

ASYSTED

Combines audio/video with transmission of images and reception of commands.



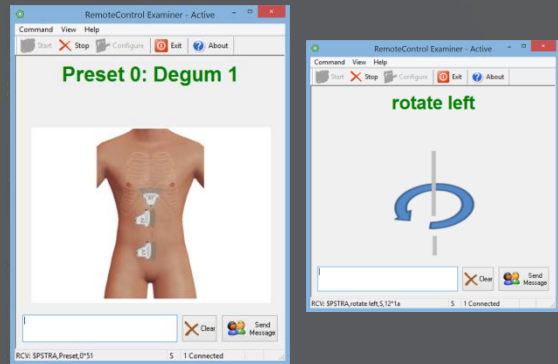
Specialist can support and direct ultrasound exam remotely.



Can be used with any SCOTTY satellite-based video communication package.



Specialist transmits easy and clear instructions to staff in real time.



Using ASYSTED:

- Staff sets probe to initial spot and streams ultrasound video to the specialist.
- High quality live video can be transmitted at low bandwidth over portable satellite units.
- Specialist guides staff for fine positioning and capturing of still images.
- Staff transfers recorded DICOM data to specialist for further diagnosis.
- Specialist receives ultrasonic imagery in loss-less DICOM format.



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