



DIGITAL GRID for RADIOLOGY

ORTHOGRID is a Windows application capable of generating a configurable grid layer over a DICOM image.

ORTHOGRID acts as a DICOM C-STORE-SCP node, receiving the images without grid from the modalities (without the grid) and forwarding them, after grid insertion, sends it to other DICOM destinations may include C-STORE SCP nodes (such as PACS, CD/DVD, burners, or other systems) as well as DICOM printers.

When sending to STORE-SCP nodes, the grid is added as a graphical overlay in the 60xx,xxxx DICOM tags, so as not to modify the original image. Alternatively, there is an option to burn the grid directly into the image.

When sending to DICOM printers, the grid is burned into the image.

Is possible to print an image in true size, if supported by the printer, allowing measurements to be performed directly on the film.

ORTHOGRID maintains a back up of the original images with a configurable retention time to prevent data loss. A queue monitoring and control tool is also provided, allowing users a basic level of autonomous administration.

ORTHOGRID is supplied for Windows XP or later (32-bit) or Windows 7 or later (64-bit) and operates as a Windows service.

PRODUCT FEATURES

ORTHOGRID can be installed on any PC with proper configuration and administrator privileges.

HARDWARE use of standard hardware (recommended minimum configuration):

- 64-bit PC
- 4 GB RAM
- 500 GB Hard Disk
- Latest-generation graphics card (1 GB memory)
- High-resolution monitor (1920×1080)

SOFTWARE

- Recommended: Windows 10



