



# RADIN.transfer

**RADIN.transfer** receives images directly from a modality or workstation using the DICOM network protocol and transmits them to a remote RADIN Server via telephone lines. However, via a graphical user interface data may also be selected and transferred from a DICOM-CD.

To save money and time data may be compressed lossless for data transfer. The data transfer can also be scheduled to utilize cheapest telephone rates.

Routers establish a point-to-point connection between sending and receiving PC for data transfer. If and when the data transfer is interrupted or aborted the procedure will be repeated until all data have been transferred.

At the receiving end the RADIN server will automatically store the incoming data and hold them ready for immediate access.

## Sender

- receives DICOM data via DICOM network protocol (Storage Class SCP)
- handles DICOM data in a shared network folder
- reads DICOM data sources such as CDs, DVDs
- compresses data before sending (optional, lossless and lossy)
- schedules data transfer (at once, at selected time)
- secures data transfer (even at transfer interruptions)

## Receiver

- receives DICOM data from telephone line(s)
- decompresses data (if necessary)
- stores data in network directory and the
- RADIN image communication system

## Workflow with RADIN.transfer

