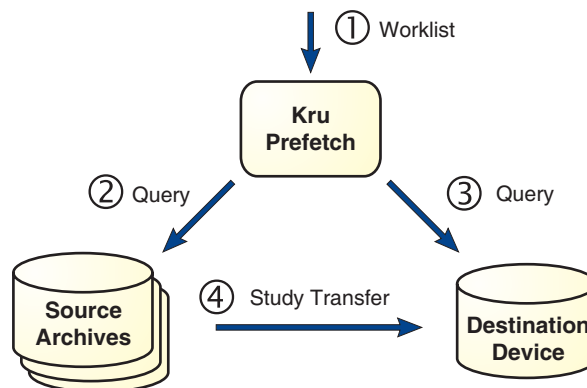


Kru Prefetch

Retrieve Studies From Any PACS

Kru Prefetch retrieves existing studies associated with a patient prior to a scheduled examination. The prefetch is automatically triggered by the scheduled worklist. Using the DICOM Query/Retrieve services, studies can be obtained from practically any DICOM archive.



The prefetch functionality consists of four activities:

1. **Acquire Worklist** - A list of scheduled patients is acquired from the scheduling system e.g. using DICOM Modality Worklist.
2. **Query Source Archives** - One or more source archives are queried for all studies associated to the scheduled patients. The results are added to a study list.
3. **Query Destination Device** - Kru Prefetch checks whether any of the listed studies already exist in the destination device. These studies do not need to be transferred and are therefore removed from the study list.
4. **Study Transfer** - The Query/Retrieve Move service is used to transfer studies from the source archives to the destination device. The study's scheduled time is used to prioritise the transfer order.

About Krucom

Krucom AB is a system integration company within healthcare. From our office in Lund, Sweden we focus on the European market and cooperate with providers of diagnostic imaging equipment. With over ten years experience and expert knowledge of the DICOM and HL7 standards we offer solutions in the form of products, consultation services and education. DICOM specific details can be found in the X-Tray Prefetch Conformance Statement.