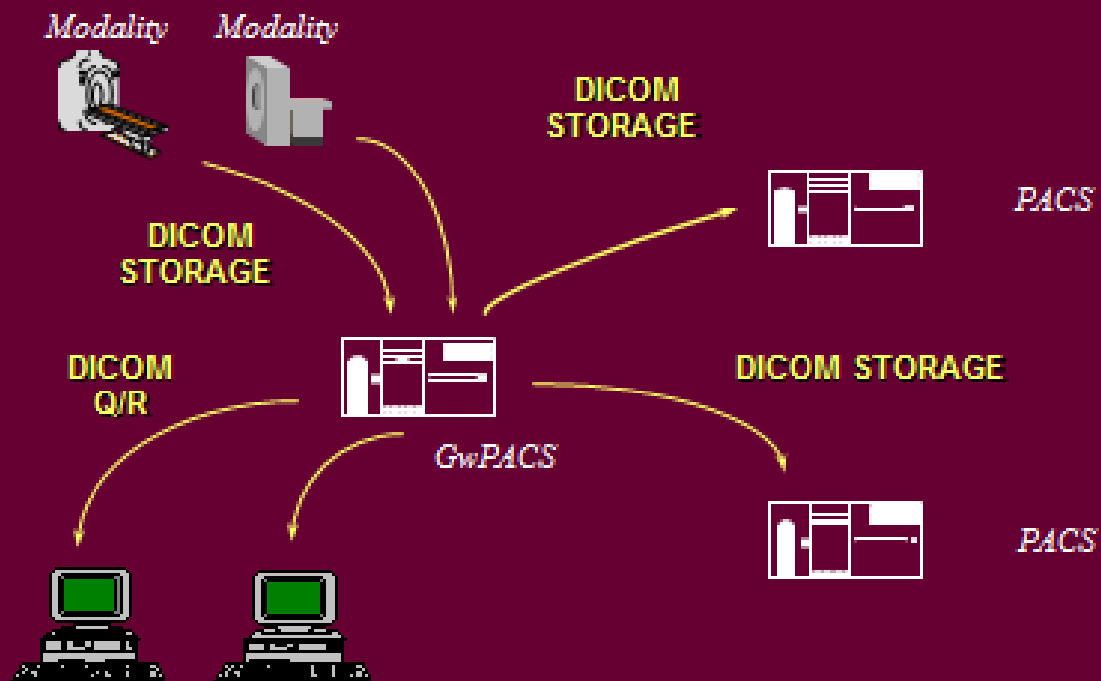


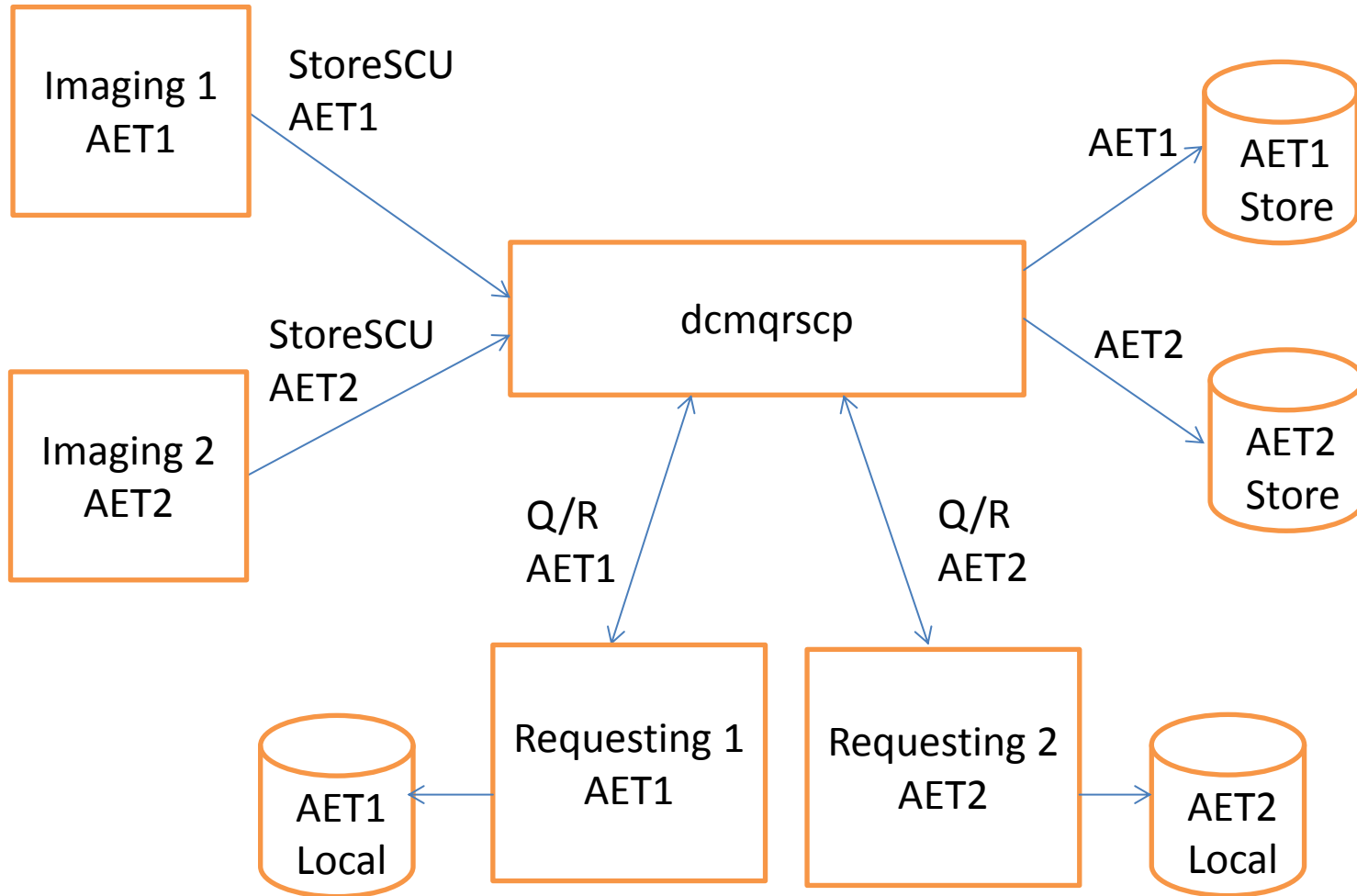
GwPACS

GwPACS

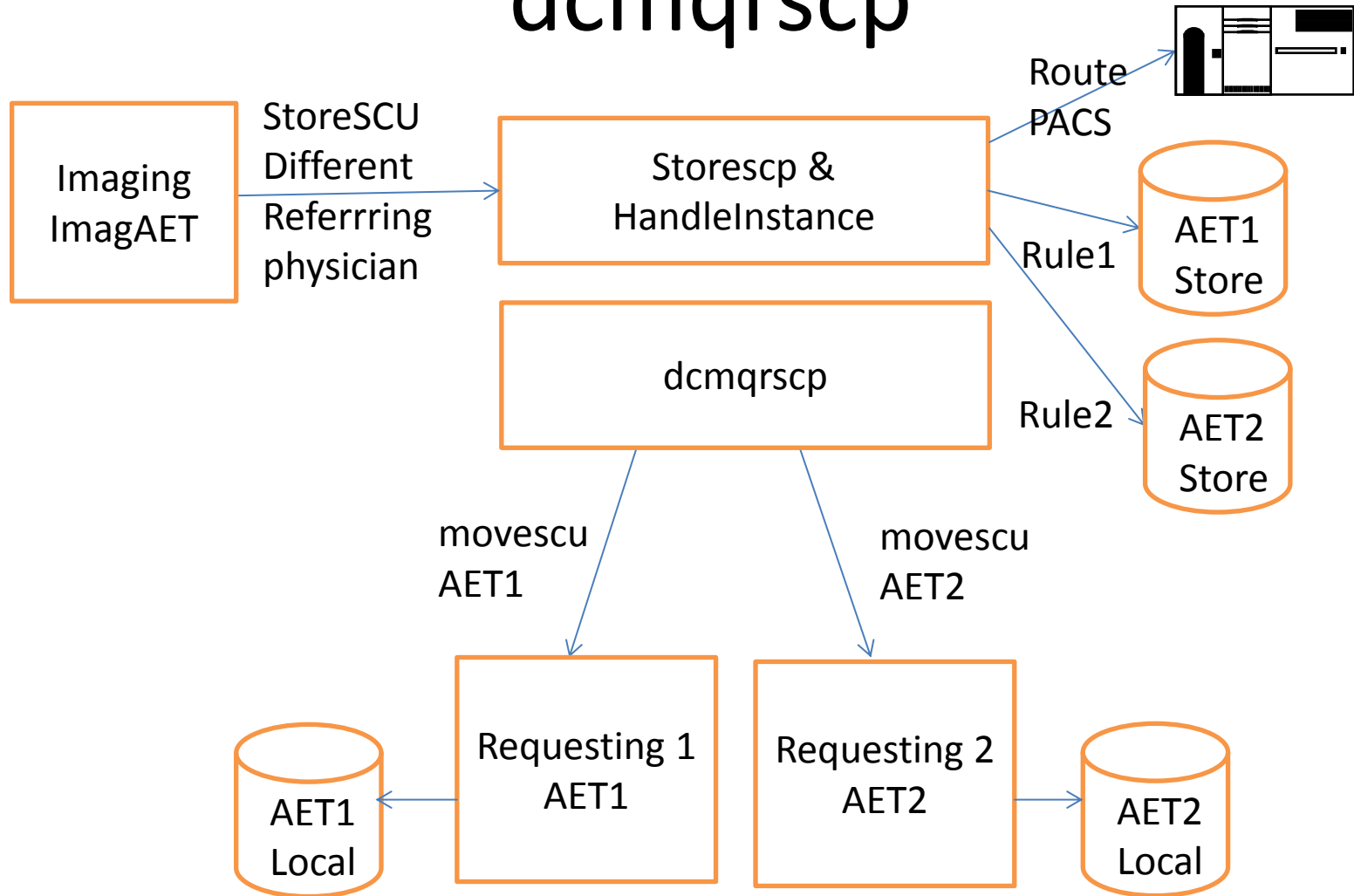


An easy gateway

Query/Retrieve dcmqrscp



StoreSCP, HandleInstance & dcmqrscp



Proof of concept

Test description

- 80 test images with 5 patients and 5 different referring physicians
- Rules to store 2 of them locally in AET specific areas, the rest goes to the garbage store.
- Images of the first patient are additionally routed to another destination.
- Clients use Q/R to get access to the images.

Development environment

- Visual Studio 6
- OFFIS dcmTk
- [Dicom.access.tk](http://dicom.access.tk)

Documents

- Prototyping FS V0.8 [DICOM Gateway 0.8.docx](#)
- DS V0.4 [GwPACS DS 0.4.docx](#)
- Doxygen [doc](#)

Efforts

- 4 man weeks software development & documentation up to now

Business model

- Software itself is free
- Consulting, installation, maintenance (local, remote), training, integration of new requirements costs

Challenge

- Many scanners
- Many images
- Heterogeneous storage locations

GwPACS goes OpenPACS

A topic for Siemens Healthcare MR ?

Visit the web

<http://www.hgv-hw.de/GwPACS>