

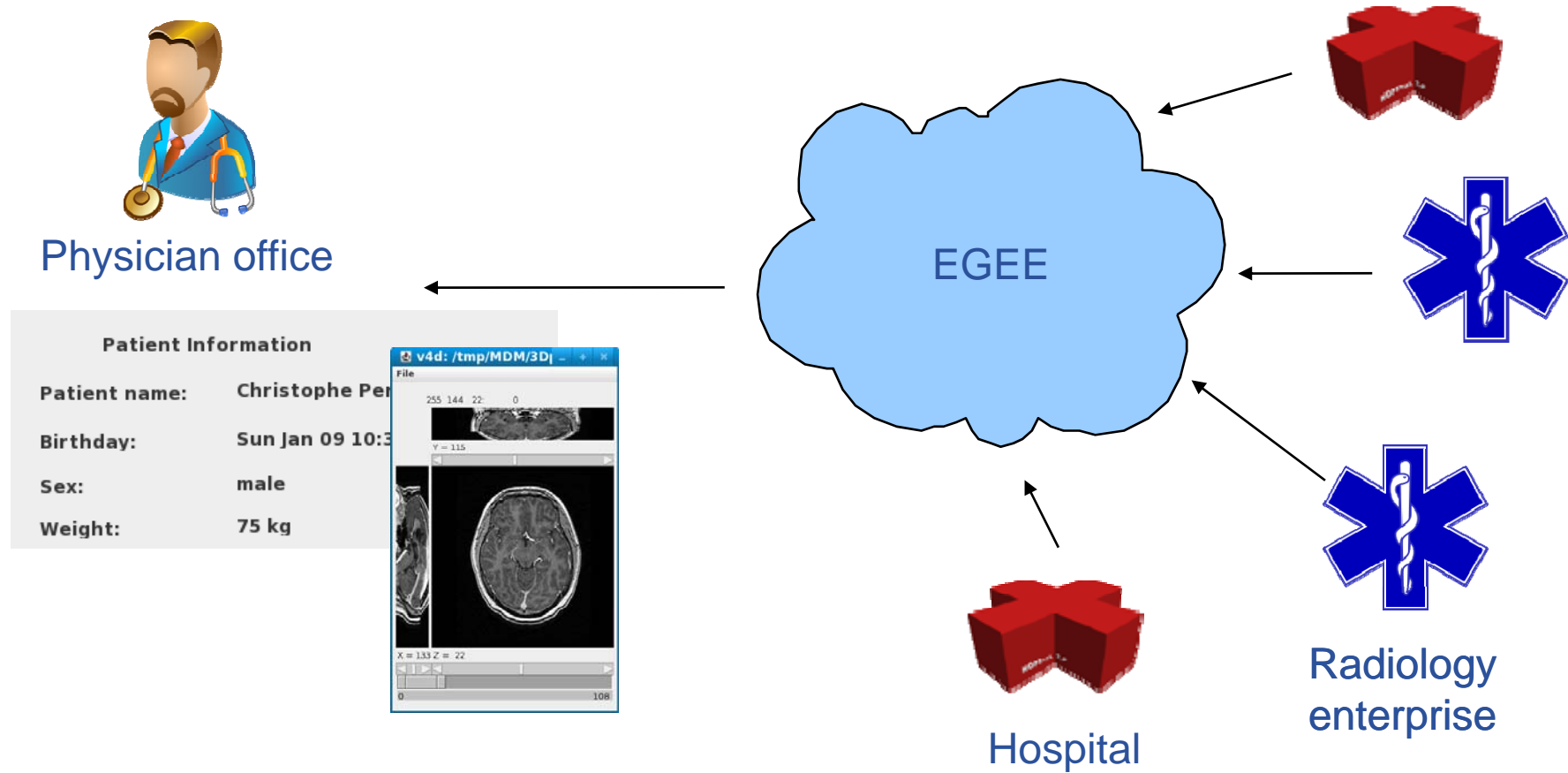
# Medical Data Manager use case: 3D medical images analysis workflow.

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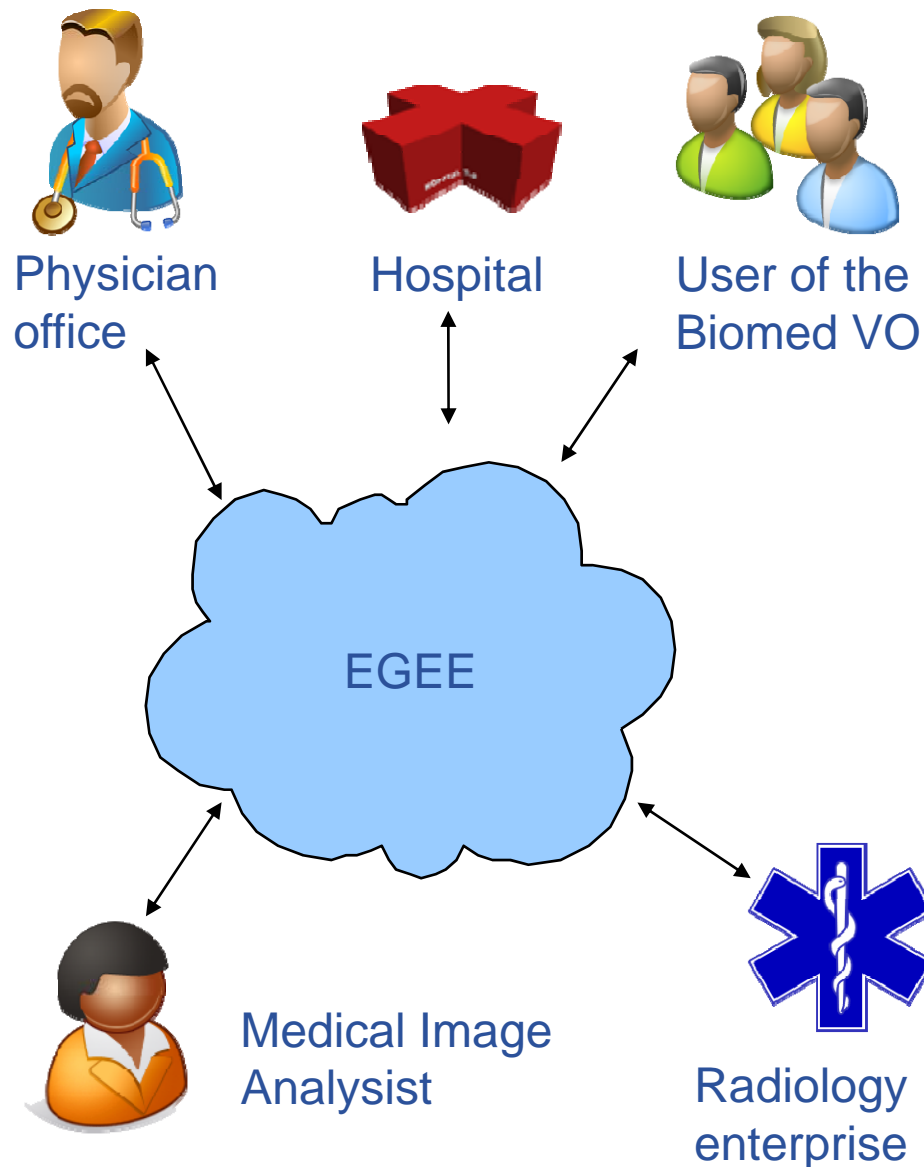


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The MDM virtually aggregate the medical images and information. This medical system must be distributed because each medical center has its own security policy.



- **The Medical Data Manager is a distributed software to share medical images**
- **The user can access the images from any location (hospital, office ...)**
- **The users do not need to know where the images are stored**
- **The hospital and all the image providers choose the access policy to their images**

- **EGEE provides all MDM components**



**DPM : Storage server**  
The DPM provides a standard grid interface



**LFC : File catalog**  
It provides an easy way to browse files



**Hydra : keystore service**  
It stores key to cypher and decypher medical images



**AMGA : Metadata database**  
It store the metadata associated to the DICOM image

- **A prototype of a graphical interface is provided to browse and search for patient information**
- **This interface provides the main functionality and can be easily customized.**
- **The graphical interface of the MDM can be interfaced with applications.**
- **This interface provides an easy way to invoke a workflow engine:**
  - The data is graphically selected.
  - The result of the computation is visualized.

# Demo