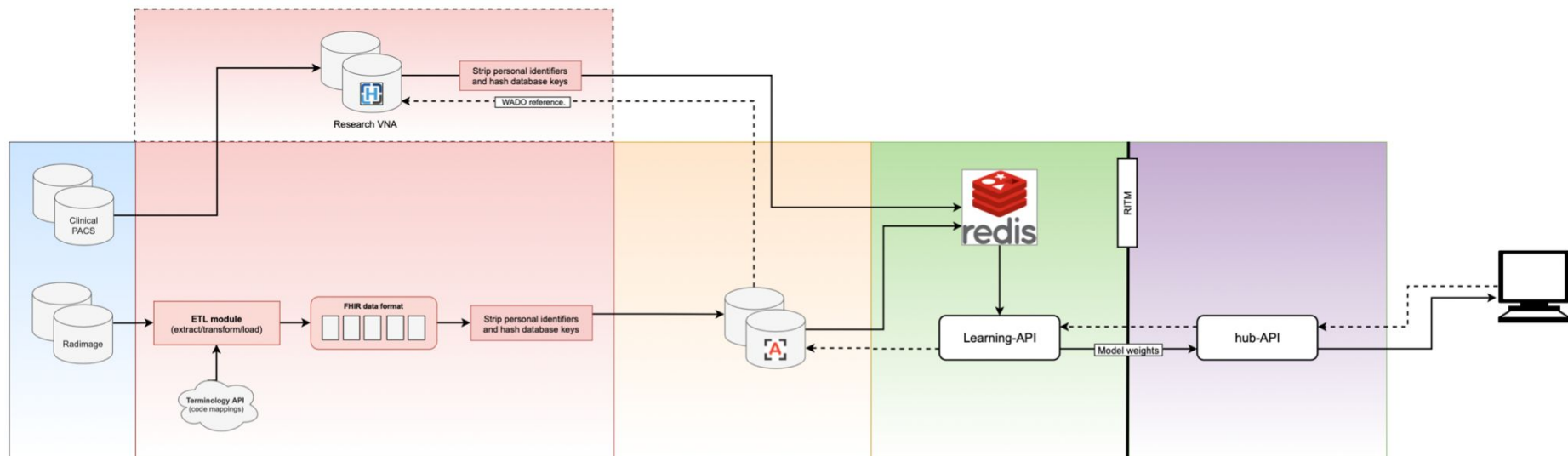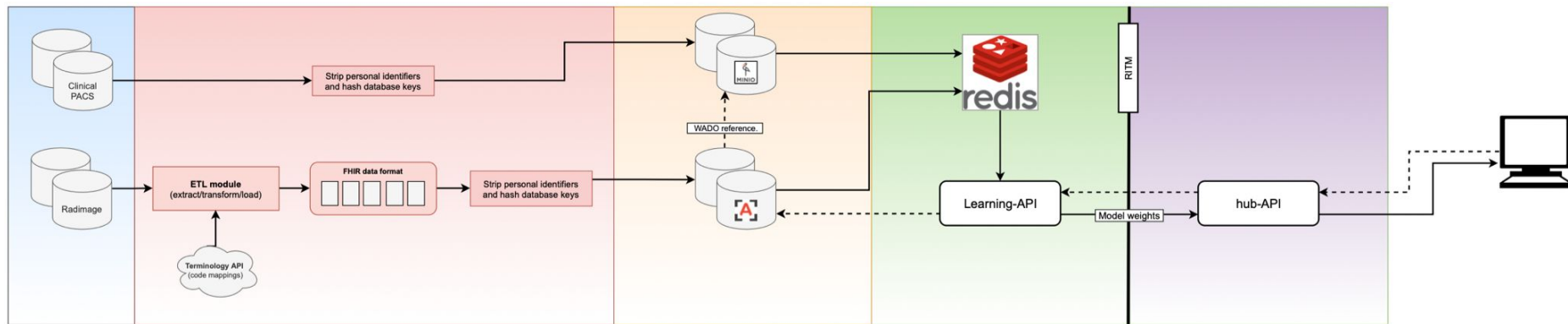# Option 1: Research archive available

1. Extract meta-data from radimage (or other system) and convert to FHIR (resource: ImagingStudy)
2. Map terminologies to SNOMED, LOINC, ICD10 or FHIR codes using Airtable
3. Copy images in DICOM format to a research Vendor Neutral Archive (VNA, ex.: ORTHANC) either in or in parallel of the red VM
4. When queried, selected imaging data point to the VNA for extraction to the green VM (Redis.io)
5. Imaging data acquired are de-identified *on-the-fly* prior to be sent to Redis.io

Option 2: Research archive unavailable

1. Extract meta-data from radimage (or other system) and convert to FHIR (resource: ImagingStudy)

2. Map terminologies to SNOMED, LOINC, ICD10 or FHIR codes using Airtable

3. Copy de-identified images in DICOM format to MinIO in the orange VM

4. When queried, selected imaging data point to MinIO for extraction to the green VM (Redis.io)