



Innovation > Integration > Involvement

Why choose Telemis-Medical?

> INNOVATION

- Distributed and flexible architecture
- Smart medical imaging management for referring physicians
- Advanced system security
- Advanced compression algorithms
- Modular and scalable PACS for the entire medical community
- Multimedia PACS: integration of all types of images and documents

> INTEGRATION

- Proven integration capacity with all types of modalities
- Broad range of integrated clinical solutions
- Seamless integration with hospital information systems

> INVOLVEMENT

- Top of the range installation and support services
- Client oriented R&D
- Complete financial cover

Telemis-Medical is a modular and scalable image management and distribution solution. It smoothly integrates into your existing healthcare information systems.

The **Telemis** company was created from a high profile university laboratory which continues to develop unique competencies in image compression and secure image distribution. The goal of Telemis is to improve the quality of care whilst optimizing performance of existing and future technologies.

Innovation > Integration > Involvement



Your fully integrated PACS

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The Path to Digital Imaging

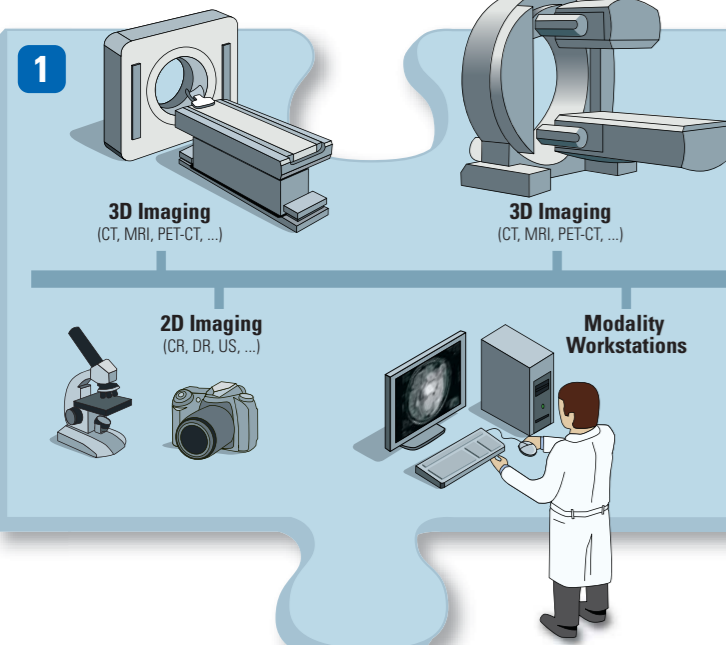


INSIDE THE INSTITUTION

1 IMAGE PRODUCTION

Our user friendly interface imports images from all modalities allowing you to have a truly filmless environment.

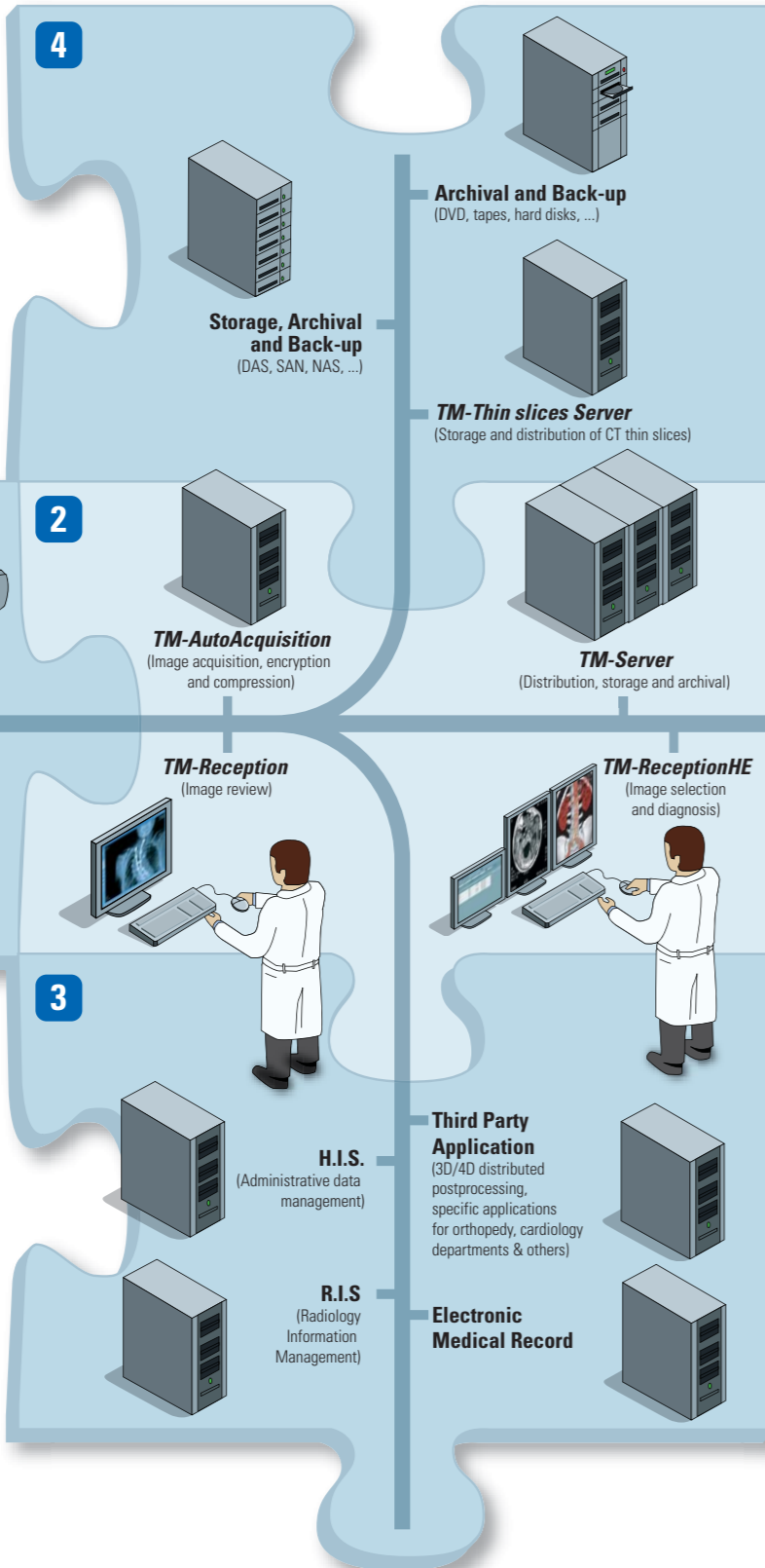
2D, 3D or dynamic images are produced in the imaging departments using DICOM or non-DICOM formats (JPEG, XML, AVI ...)



4 STORAGE, ARCHIVAL AND BACK-UP

Storage, archiving and back up requirements can be based on the most cost effective technologies (DAS, SAN, NAS...), run on top of the *Telemis-Medical* PACS software applications to offer a complete solution for filmless image management.

Telemis-Medical PACS software applications can also be integrated with the health organization's existing hardware.

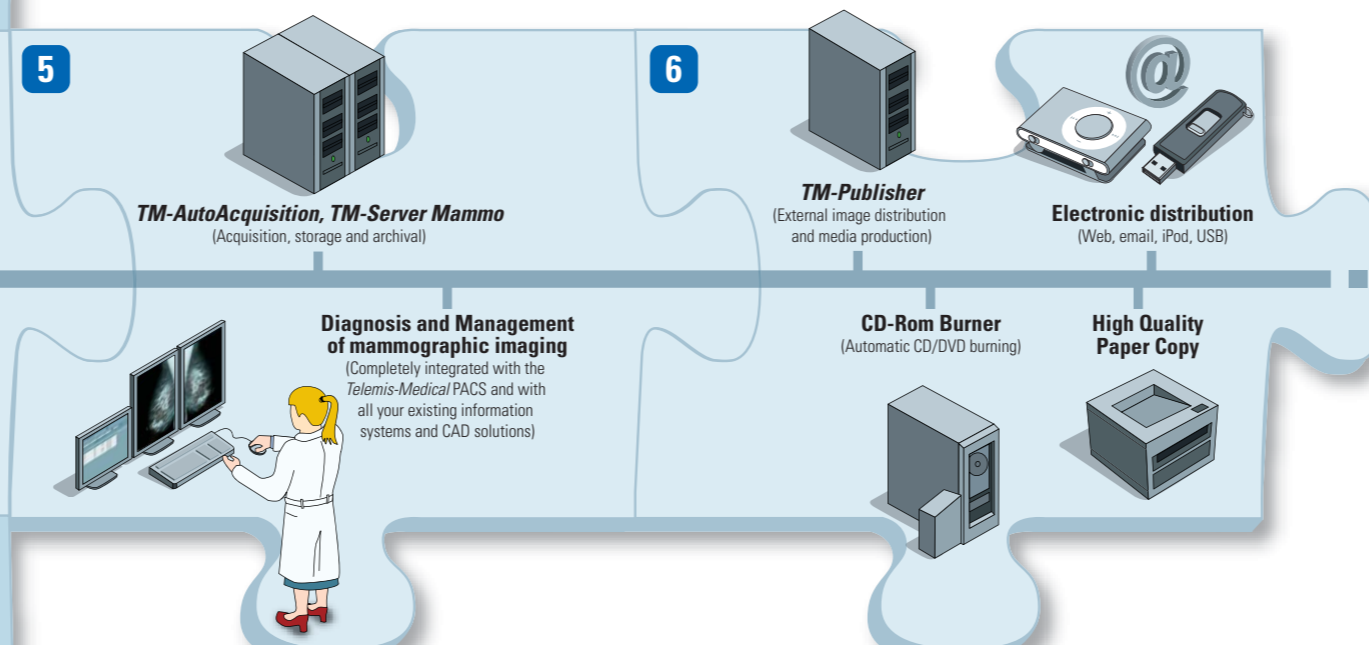


2 IMAGE ACQUISITION & DISTRIBUTION

Once connected, the *TM-AutoAcquisition* software acquires images in all the various formats. These images are then compressed and encrypted. The *TM-Server* software then manages the image distribution, storage and archiving. The users may access their own list of images.

The images may then be viewed or diagnosed using the *TM-Reception* and *TM-ReceptionHE* viewing software which can be installed on any hardware platform.

Purchasing a *Telemis-Medical* PACS site license enables you to install unlimited *TM-AutoAcquisition*, *TM-Server*, *TM-Reception* and *TM-ReceptionHE* software applications on your site. Integrated modules can also be offered to manage examinations or images (e.g. thin slices CT scanner examinations, mammographic images ...)



5 TELEMIS-MEDICAL MAMMO PACKAGE

The *Telemis-Medical* Mammo Package solution has been developed to respond to the needs for storage, distribution, and diagnosis of mammographic images produced within one or several senology departments.

Image compression technologies are optimized to guarantee effective management of mammo scan display and distribution.

3 PACS INTEGRATION WITH OTHER APPLICATIONS

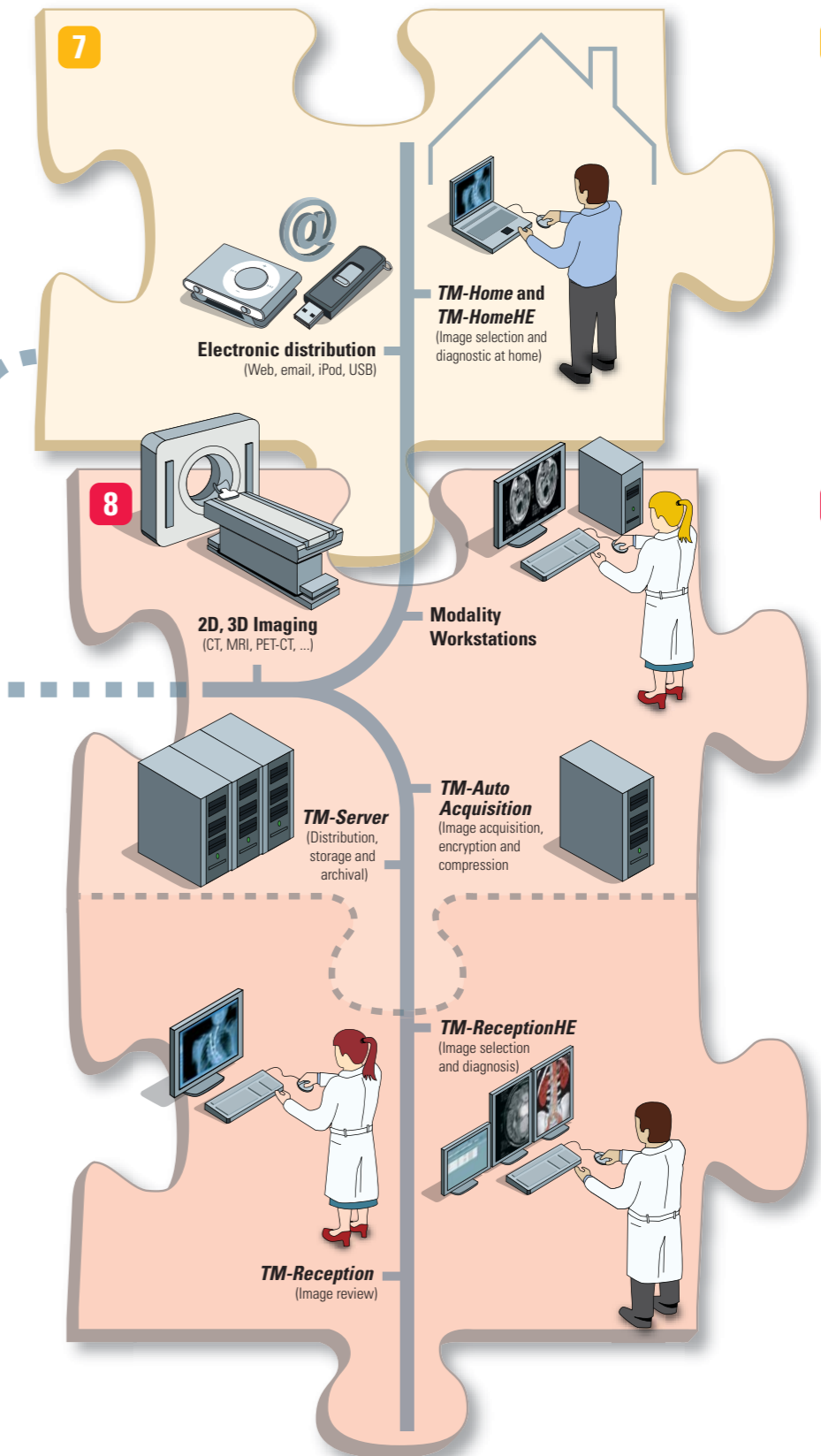
Telemis-Medical PACS was designed to integrate seamlessly with information systems (Radiology Information System, Hospital Information System, Electronic Medical Record, ...) or third party applications (Agenda, clinical tools, 3D softwares, CAD, ...).

This integration is based on accepted industry standards (DICOM, HL7, XML ...) and follows the IHE protocols (Integrating the Healthcare Enterprise).

6 REFERRING PHYSICIANS

TM-Publisher Package is the ideal solution for distributing images to external referring physicians, be it through web distribution, paper, CD-Rom, DVD or email solutions.

OUTSIDE THE INSTITUTION



7 REMOTE DIAGNOSTIC

Authorized users working remotely from home or from outside the institution can use *TM-HomeHE* software and view the images stored on the Telemis hospital server.

The *TM-HomeHE* application benefits from the same functionality and access to diagnostic tools as with the *TM-ReceptionHE* application installed on the hospital system.

8 MULTISITES

Many health institutions share imaging equipments (PET, MRI etc.) or medical expertise. *Telemis-Medical* PACS responds efficiently to support these shared environments with image compression technology, optimizing network bandwidth and superior data security features.