yarpic

Yet Another RIS PACS in the Cloud

GESI

GESI was founded in 1995. We have spent more than 20 years developing healthcare information systems, focusing on technical development skills, innovation and taking care of our long-term client relationships. Computer engineers and scientists worked together and launched a first version of a RIS called GSIR. It was implemented in several hospitals in Andalusia.

GSIR was growing and adapting to new times until it became a RIS integrated with different PACS in a cluster of 36 hospitals in Andalusia. Today it manages more than 3 million reports per year. GESI engineers also collaborated in the design and implementation of a central PACS in Andalusia.

A step forward was taken and a first class RIS-PACS, zero footprint, working 100% in the cloud has been launched as part of the YARPIC concept.

What is YARPIC?

YARPIC is a multidisciplinary healthcare software solution that covers management and patient care processes. YARPIC is a great solution to deal with medical images and it is fully adapted to every professional involved in the healthcare business.

YARPIC also focuses on patients, bringing them a new way of communication and clinical data management. YARPIC does not require any On Demand Infrastructure since it is delivered by SaaS with all the benefits that the Cloud provides: anywhere/anytime access, unlimited scalability and unprecedented versatility to cover every size healthcare businesses.

Working independently presents some challenges nowadays:

- A lack of specialists in some locations and/or schedules.

- Storage of the same information in different places.

- The patient is forced to carry all the relevant information about themselves.

- The specialists must be in a specific location to access that information.

- Referring process of reports or tests is complex.

- It complicates peer consultations.

YARPIC's platform allows a centralized structure that contains the information and organization together. This implies:

- The coordination of areas and services regardless of their location

- All information about the patient can be stored together.

- Data loss is avoided.

- Access to all the information anywhere, anytime and with any device.

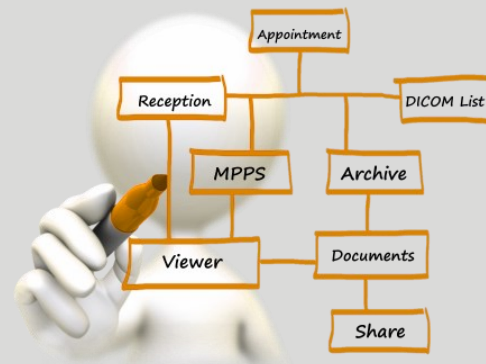- Referring processes like tests and/or reports.

As a SaaS cloud solution, YARPIC does not require any infrastructure investment. The system provides all necessary resources to guarantee an adequate service level. YARPIC is an independent platform Web solution built by combining different types of services. It is focused on guarantying the highest security level of information, control on accessibility and custody.

- High security level on information access and custody.

- Cloud computing image processing, storing, 3D rendering, etc.

- Zero or minimum capex required.

- Versatile architecture that can be delivered via IaaS, PaaS or any combination of both services, even by using the cloud and On Premise Infrastructure at the same time.

- MVC Web solution HTML5 and JavaScript based, suitable for any device.

- Workflow based model. The system anticipates your needs and sets itself up to ease your workload by avoiding repeating tasks and saving time and costs.

- Patients have full access to their clinical records at anytime.

- Visualization of medical images using a zero footprint viewer.

- Fully customizable.

- Timetable and appointment management.

- Standard based IHE Framework compliance (HL7, DICOM). Easy integration within the healthcare system environment.

- Acquisition modalities integration (modality worklist and image store).

Image workflow with YARPIC

YARPIC adapts itself to your workflow, providing your professionals and/or patients the information they need at the time they need it.

Appointment

Patient arrived

Imagen available

Procedure in process

Diagnostic

PACS / VNA

Documents, video, images, etc.

VIEWER

DICOM images

External consumers

Physicians

Modality worklist

Images & reports

Patients

What we offer?

YARPIC manages radiology information and workflow. It covers test requests, appointments and medical report management, custody and access. YARPIC involves patients in the workflow, allowing fluent information communication between themselves and the clinical staff.

Imagen viewer

◊ Basic tools: zoom, window level, image rotation, image flip, image movements, etc.

◊ Diagnostic quality image access.

◊ Image annotations, angles, measurements and scout-line.

◊ Multiscreen.

◊ Web interface able to display different resolutions.

Customizable worklists

◊ Diagnostic quality image access.

◊ Consent forms and patient preparation indications.

◊ Workflow model and visualization protocols.

◊ Predefined text and templates.

IHE Profiles

◊ Schedule Workflow b (SWF)

◊ Mammography Image (MAMMO)

◊ Access to Radiology Information (ARI)

◊ Consistent Presentation of Images (CPI)

For the patient

◊ Access to personal tests and medical reports.

◊ Possibility of temporary sharing reports and images.

◊ Appointment request.

◊ Mobile and web interface.

Vendor Neutral Archive - VNA

VNA is an independent storage supplier service which we deliver SaaS. The independence from your medical software provider entails an effective cost savings from the beginning and does not require any type of capex investment.

If you need to invest in image storage hardware, ask for our VNA solution before taking any step ahead and forget about high investments in hardware, maintenance costs and risk of obsolescence. Give your storage system unprecedented levels of security and reliability.

Characteristics

* DICOM storage and access services for image studies (Store, Query & Retrieve)

* Access to images using WADO standard

* Support for all kind of DICOM objects imaging related: key images, image annotations and regions of interest, dose metrics, structured reports, etc. DICOM and non DICOM studies (images and videos) storage ability

* Storage capacity of DICOM and NO-DICOM studies (images and videos)

* Clinical documents storage and distribution in PDF

* "Document Registry", "Document Repository" and "Imaging Document Source" roles implementation within IHE XDS and XDS-i standard profile

* Thorough access control and auditing including all clinical information entries and updates within YARPIC VNA

* Patient information identification and updating, even considering different domains

IHE profiles

* Cross Enterprise Document Sharing (XDS-I.b)

* Audit Trail and Node Authentication (ATNA)

* Consistent Time (CT)

We continue advancing

Business intelligence

Thanks to YARPIC's Business Intelligence module, you can translate data into useful information to optimize decision making processes. YARPIC has an extensible pre-built module that allows you to:Controlar el retorno de inversión

⇒ Be aware of your ROI.

⇒ Improve efficiency.

⇒ Have greater agility in decision making.

⇒ Forecast process that helps you in evaluating scenarios.

⇒ Calculate resources and increase productivity.

⇒ Conduct population researches.

Artificial intelligence

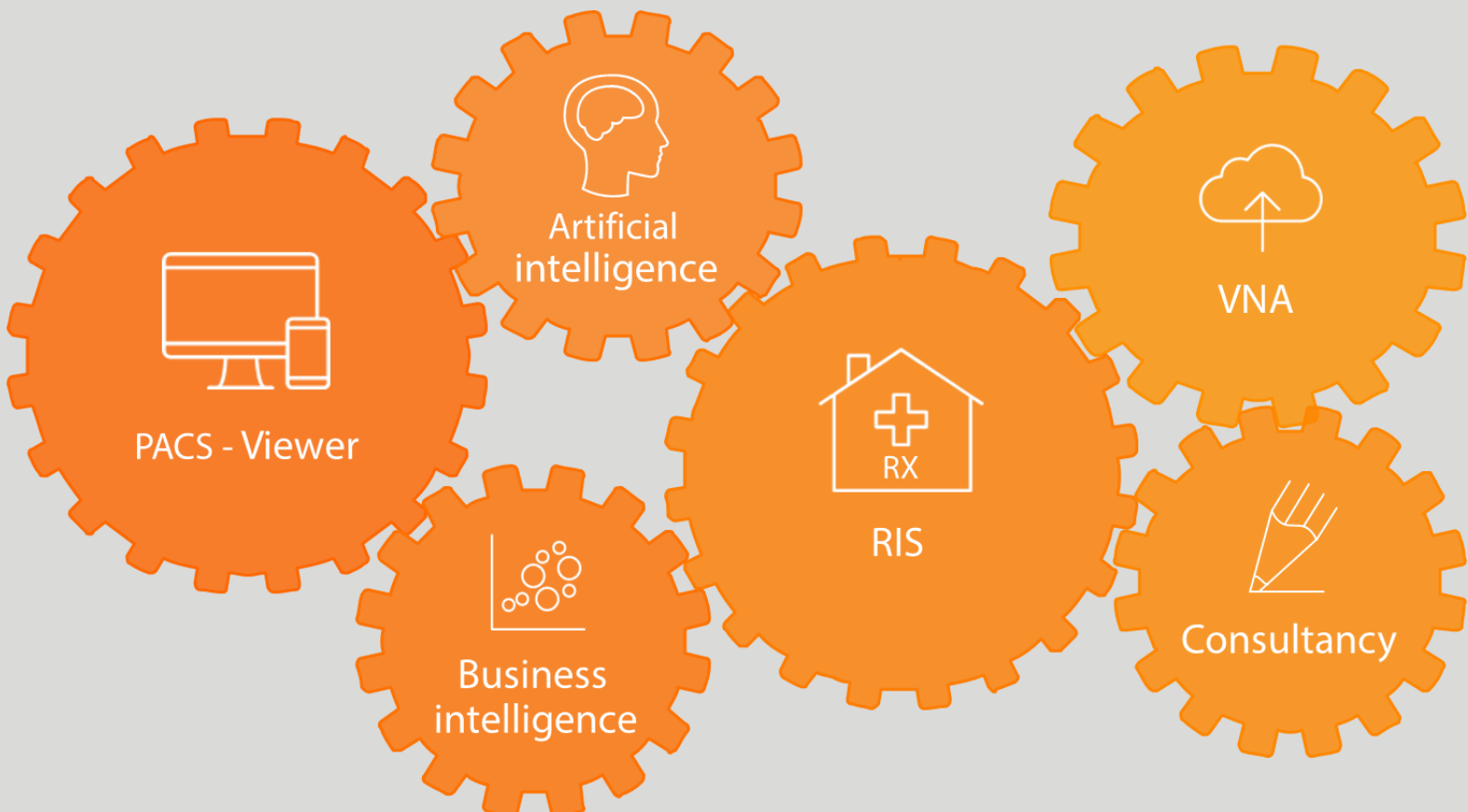Artificial intelligence is the great ally of medicine and YARPIC brings to you its multiple advantages:

⇒ Image processing, aided diagnosis and report proposals for specialists.

⇒ Help in training of the new specialists.

⇒ Improves accuracy by reducing errors.

⇒ Predicting long-term situations.

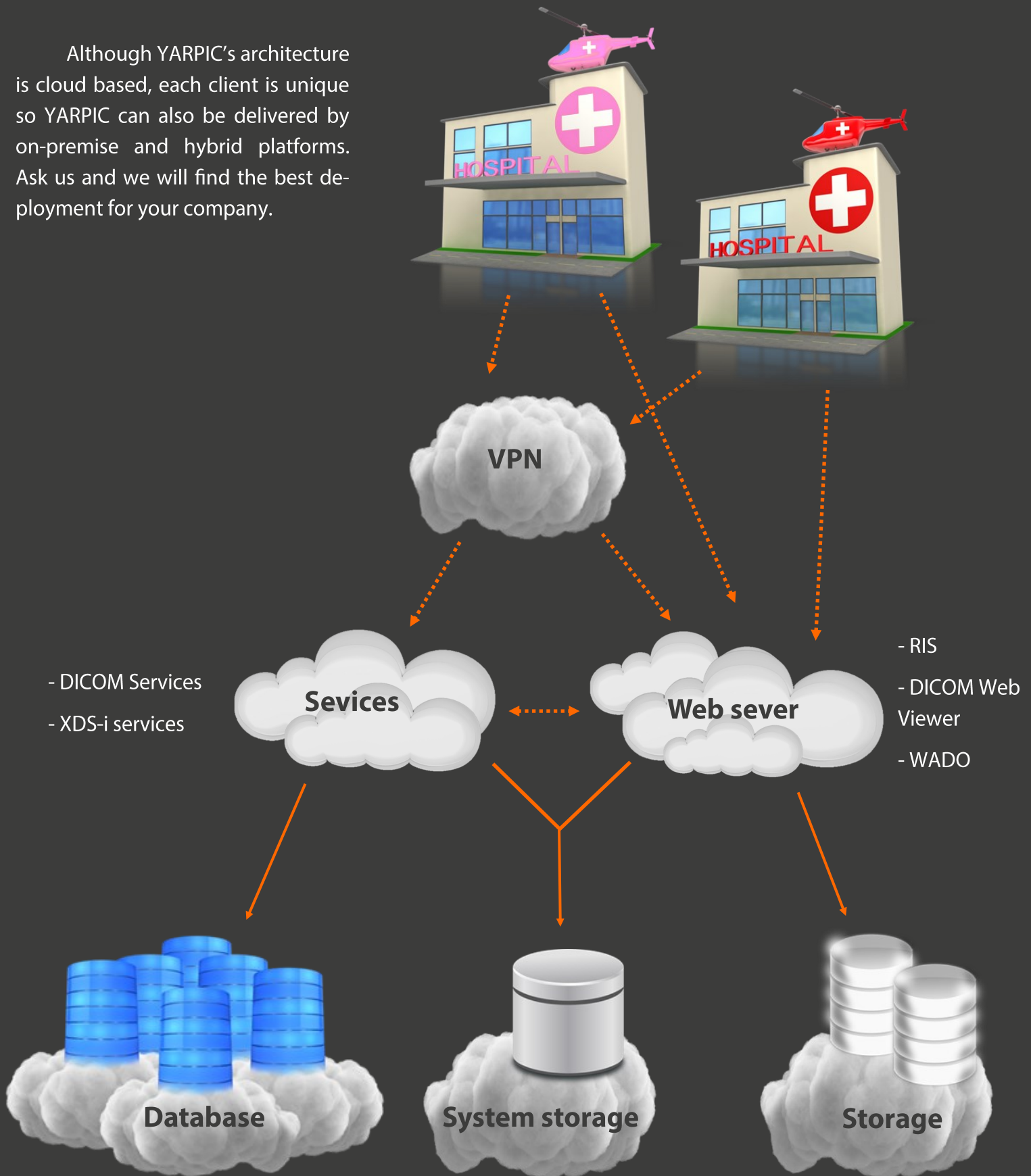# YARPIC helps you grow: Grow with YARPIC

- Combine the services as you want, they are totally independent and you can have them all in a single interface.
- Use each service when you need and increase the resources as you grow.
- YARPIC integrates with all the healthcare systems available in the market IHE – HL7 and DICOM compliance.
- Pay only for what you use.
- No limitations due to location or geographic dispersion.

We adapt to your rhythm but we can accelerate you!

PACS - Viewer

Artificial intelligence

Business intelligence

RX

RIS

VNA

Consultancy

Technical Architecture

Although YARPIC's architecture is cloud based, each client is unique so YARPIC can also be delivered by on-premise and hybrid platforms. Ask us and we will find the best deployment for your company.

VPN

- DICOM Services
- XDS-i services

Sevices

Web sever

- RIS
- DICOM Web Viewer
- WADO

Database

System storage

Storage

Check out the online demo...

YARPIC demo versions of the RIS and Viewer modules are available. In the RIS (Radiology Information System) module we can find all the radiological information management options such as requests for tests, appointments and medical report management. The Viewer module is an online DICOM viewer that incorporates all the usual DICOM viewer tools such as zoom, window level, image rotation, image flipping, image movements, etc.

... or use it for free

The YARPIC Viewer has a free mode available that allows the use of all the usual DICOM viewer tools such as zoom, window level, image rotation, image flipping, image movements, etc.

At www.yarpic.com

We are young
people...
But we have
the expertirse

We are engineers...
But we talk the
healthcare language

We understand
healthcare...
But we are
worried about
your ROI

We want...
But also we can

Let us take you
to the Cloud!