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Yet Another RIS PACS in the Cloud

Gesi

Our History

22 years of customer satisfaction

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1995
BORN - GSIR

01

2003
GSIR&PACS

02

2009
PDI - SAS

03

2017
YARPIC

04

GESI was founded in 1995. Computer engineers & physicians worked together and a RIS called GSIR was launched.

The 3rd generation of GSIR was integrated successfully with many PACS.

GSIR becomes a centralized RIS for a cluster of 36 Hospitals in Andalusia (SAS). It is PDI that manages over 30mm reports per year.
Engineers from GESI helped develop a centralized PACS in the region.

A first class RIS-PACS zero footprint working 100% in the cloud will be launched as part of a YARPIC concept.
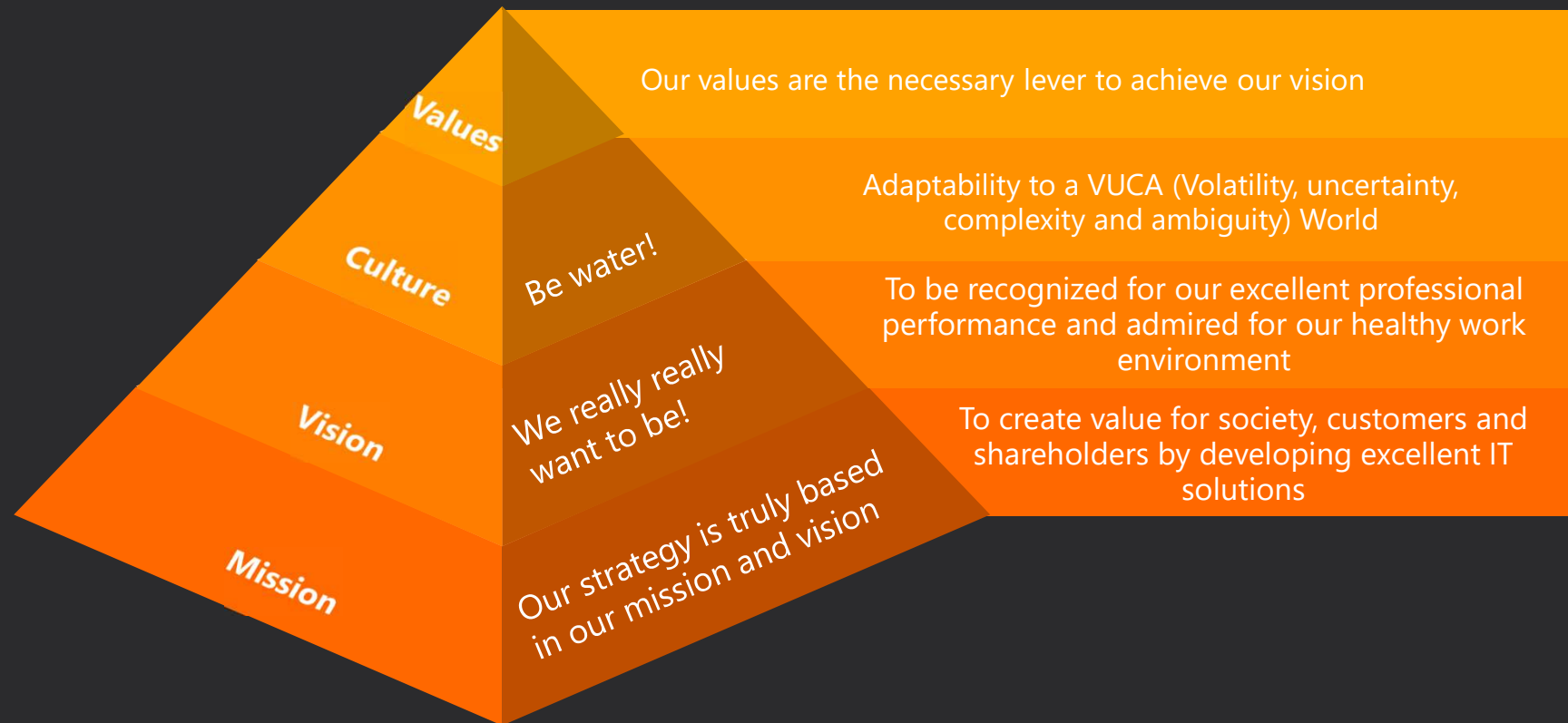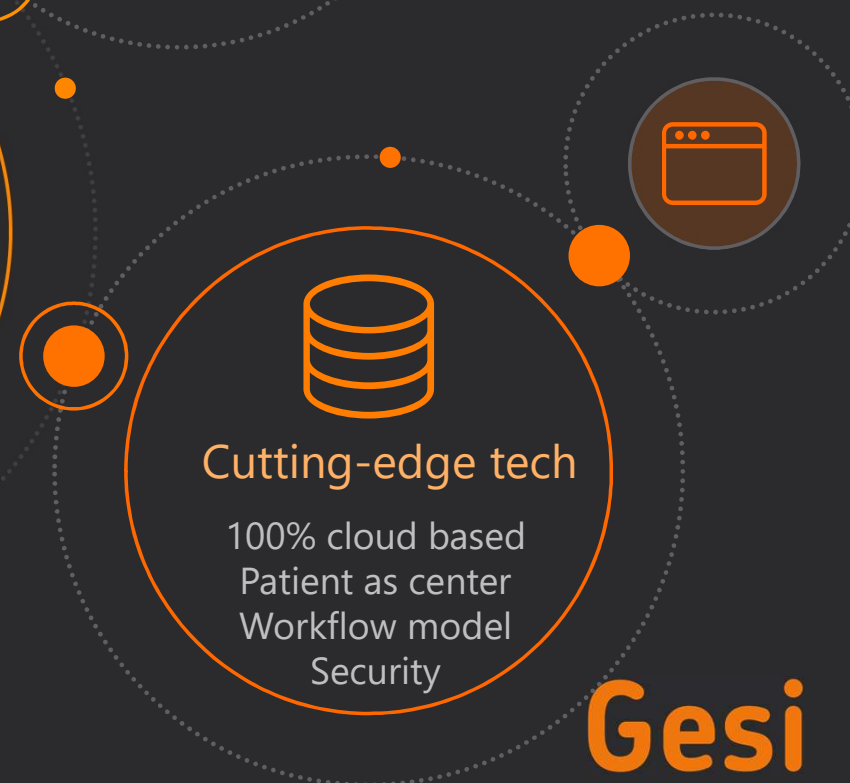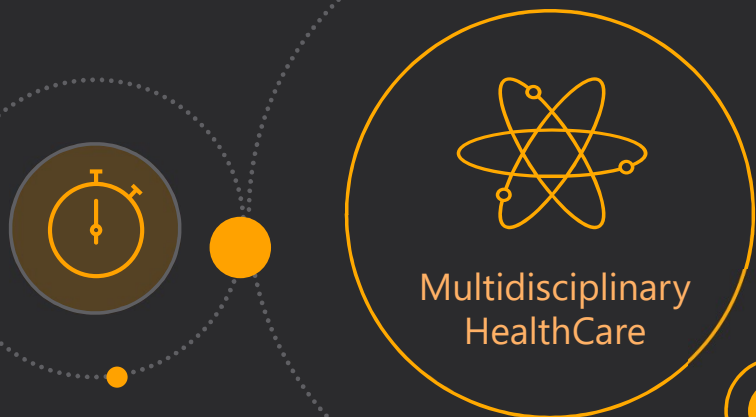
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Strategy

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Values
Culture
Vision
Mission

Values — Our values are the necessary lever to achieve our vision

Culture — Adaptability to a VUCA (Volatility, uncertainty, complexity and ambiguity) World

Be water!

To be recognized for our excellent professional performance and admired for our healthy work environment

Vision

We really really want to be!

To create value for society, customers and shareholders by developing excellent IT solutions

Mission

Our strategy is truly based in our mission and vision

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Technical Solution

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Audit, monitoring and tracking tools which guarantee information traceability and a high level of service

C# developed service oriented components, easy to maintain and to reuse.

MVC Web Interface, developed with HTML5 and JavaScript. Adaptative and optimized for the main devices of the market

Efficient dimensioning and scaling. The resources are easily adaptable to the demand

PaaS and IaaS cloud service based infrastructure for data and process management

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Radiology Suite

| VNA | RIS | PACS |

Cloud VNA

- VNA (Vendor Neutral Archive) is an independent storage supplier service which we deliver SaaS

- Forget about high investments in hardware, maintenance costs and risk of obsolescence

- Store and distribute all kind of clinical documents with maximum guarantees of security, total access control and with high availability

- Give your patients access to his whole medical history, and/or establish a collaborative framework with other healthcare professionals without additional infrastructure and paying only for what you need.

RIS

- Consent forms
- Patient preparation indications
- Easy to use tools to manage modality planning and DICOM Worklists
- Image Access
- Predefined text and templates
- Spell check
- Voice recognition

Manages radiology information and workflow: tests requests, appointments and medical report management working with PACS as one sole system
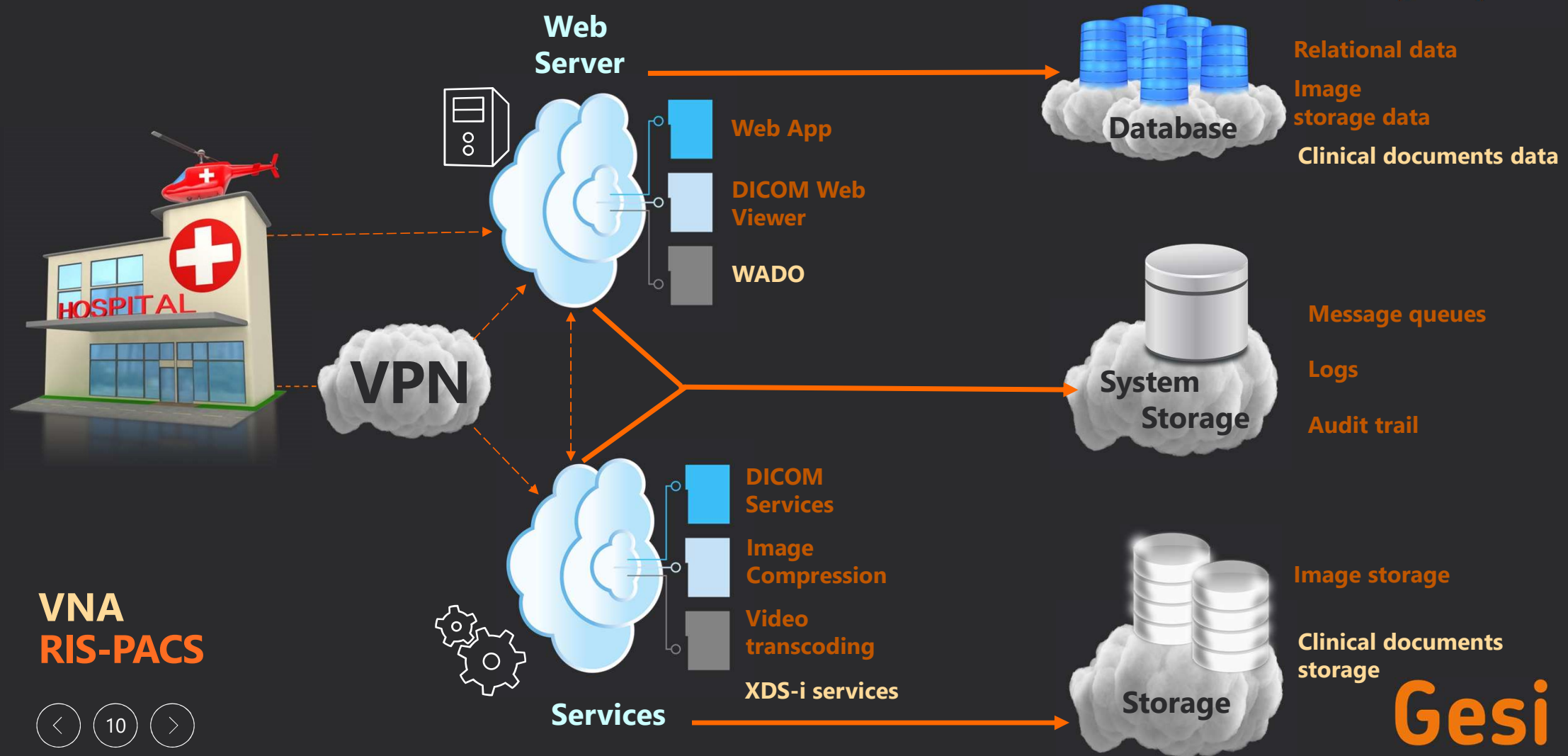
PACS

- Web interface able to display different resolutions in different screen sizes
- Diagnostic quality image access
- Multiscreen
- Workflow model and visualization protocols:
  - Study dependent layout
  - Previous studies preload
  - MPR, 3D rendering and reconstruction without human input

Leveraged on our cloud based VNA, Yarpic's archiving and communications processes take advantages of the cloud environment for it was built, providing an unprecedent level of flexibility, scalability at a very affordable cost

Technical Architecture

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Web Server

- Web App
- DICOM Web Viewer
- WADO

Database

Relational data

Image storage data

Clinical documents data

VPN

System Storage

Message queues

Logs

Audit trail

- DICOM Services
- Image Compression
- Video transcoding

XDS-i services

Services

Storage

Image storage

Clinical documents storage

VNA
RIS-PACS

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Architecture for VUCA World yarpic

BBDD

On premise SQL Server

IaaS SQL Server

PaaS SQL Azure

STORAGE

On premise storage

Storage Service BLOBs

SERVICES

On premise Web Services
IaaS Web Role & Worker Role
Web Services & Web Jobs

Services Fabric

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What our customers say

"

We have been working with GESI for a long time. As the CTO of the Hospital, the reliability and consistency of the systems are the values I have always been looking for. GESI has proven to have those needed values during this long and rewarding adventure. Our staff enjoy the simplicity of use and ergonomics of the system provided by GESI, being one of the few companies that satisfy both: IT and physicians needs.

"

No matter how good your feedback is, you always start over with the next customer.

Shep Hyken

Manuel Quintas
CTO Hospital Virgen del Rocío
Seville, Spain

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Let us take you to the Cloud

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