



# 03 ENTERPRISE

The ideal partner for imaging and screening projects

# WELCOME TO O3 ENTERPRISE

Founded in **2008** in the beautiful city of **Trieste**, in the north of Italy, as a **spin-off** of the local university. In 2016, we launched the brand **ZEEROmed**.

## MANIFESTO

We believe that every person in the world should have fast and quality access to diagnosis and health care, wherever they are. Our goal is to help physicians improve and accelerate diagnostic imaging by developing innovative and cutting-edge imaging solutions that can be used even in remote areas.



# OUR COMMITMENT



## MISSION

Improve people's quality of life helping health facilities and physicians to provide faster and efficient imaging diagnosis.

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## VALUES

Trust  
Ethics  
Responsibility  
Transparency

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## VISION

Go global through the use of cutting-edge technologies that help doctors in daily life.

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# OUR STORY

During the first years, the company develops and improves its first products, PACS and Viewer.

The company expands its reach beyond Europe, installing its first software in Latin America, more precisely in Argentina, thus initiating its global expansion.

The company implements its first On Cloud Project, keeping its commitment to offer innovative solutions.

In 2019, O3 Enterprise and Futurad, an Italian company with extensive experience in mammography screening, are merged under the name O3 Enterprise, and the Futurad MIS becomes part of the ZEERmed. family of products.



2008

Spin-Off  
University of Trieste

O3 Enterprise is established as a spin-off company from the University of Trieste, based on an innovative project for the management of radiological images within healthcare facilities.

2011

First Large Project  
ISO 13485

The company implements its first large project in one of the biggest regions in Italy, and achieves the ISO 13485 certification, attesting the compliance of its quality management system for designing and manufacturing medical devices.

2015

Latin America

The company expands its reach beyond Europe, installing its first software in Latin America, more precisely in Argentina, thus initiating its global expansion.

2016

First National Project  
with a Partner

ZEERmed Brand

The company takes a big step launching the ZEERmed brand, which houses its portfolio of products, and implements its first major nationwide integrated project along with a Teleradiology partner.

2017

First Cloud  
Project

The company implements its first On Cloud Project, keeping its commitment to offer innovative solutions.

2018

Google Cloud Partner  
Teleradiology  
Company Acquisition

First Foreign  
National Project

A great year for the company, not only because of the acquisition of Medishare, the first Teleradiology company in Italy, but also by becoming an official Google Cloud Partner, as well as implementing the first nationwide range project in a foreign country, installing its Universal Viewer in 40 Mexican hospitals.

2019

Merged with  
Futurad

In 2019, O3 Enterprise and Futurad, an Italian company with extensive experience in mammography screening, are merged under the name O3 Enterprise, and the Futurad MIS becomes part of the ZEERmed. family of products.

2020

FDA CLEARED

Stop Covid-19  
Initiative

After a careful and detailed process, the company became (510K) FDA Cleared. In the same year that a pandemic worried the world, we sought to do our part by creating an initiative to support radiologists and hospitals that were at the forefront of the fight against Covid-19.

# GOOGLE CLOUD PARTNERSHIP

In **2018** we became an official  
**Google Cloud Partner**  
and we installed our first  
**Cloud Project.** 

**As a partner, Google is crucial in achieving:**



Overall experience improvements for the users due to the advanced technology and friendly tools provided.



Broader inclusion of the patient in the process due to the ease of sharing information.



Reduction of costs and improvement of risk control, due to the safety standards, server maintenance and disaster recovery management procedures in place.

# WHERE WE ARE

More than  
**150 installations**  
supporting the work of  
**46 customers**  
around the world



# OUR SOLUTIONS

Medical **imaging** suite developed using the latest medical **software paradigms** to provide a **smooth experience** for our users.



A STATE OF ART IMAGING  
DIAGNOSTIC SOLUTION



A NEW ERA FOR  
MAMMOGRAPHY SCREENING





A STATE-OF-ART IMAGING  
DIAGNOSTIC SOLUTION



The perfect scalable solution for any type of healthcare facility. The web-based platform uses the latest technologies to guarantee usability, security and functionality, allowing the creation of a connected network between different sites from the same healthcare establishment.



MULTI MONITOR AND MULTI DEVICE



HUB-SPOKE SUPPORT



UNIVERSAL (MULTISPECIALTY)



MANY IMAGES, ONE PATIENT



SMART IMPLEMENTATION



REMOTE REPORT/TELERADIOLOGY





A NEW ERA FOR  
MAMMOGRAPHY SCREENING



The perfect suite for distributed management of mammography screening activity: it covers all stages of the process, from acquisition to reporting and archiving, allowing the implementation of a totally paperless workflow. The web-based platform uses the latest technologies to guarantee usability, security and functionality.



MULTI MONITOR AND MULTI DEVICE



FIRST AND SECOND LEVEL



UNIVERSAL (MULTISPECIALTY)



MANY IMAGES, ONE PATIENT



SMART IMPLEMENTATION



ADVANCED HANGING PROTOCOLS

# UNIVERSAL VIEWER



## Maximum Performance and Diagnostic Reliability

Universal Viewer with **high-performance streaming technology** and **Artificial Intelligence Hub** that allows interactive reading of **very large exams** and **multi-specialty exam comparison** in a seamless and quickly way, **anytime, anywhere.**



MULTI MONITOR AND MULTI DEVICE



USER-FRIENDLY WEB-BASED INTERFACE



SMART IMPLEMENTATION



REMOTE REPORT/TELERADIOLOGY



REAL-TIME REMOTE COLLABORATION

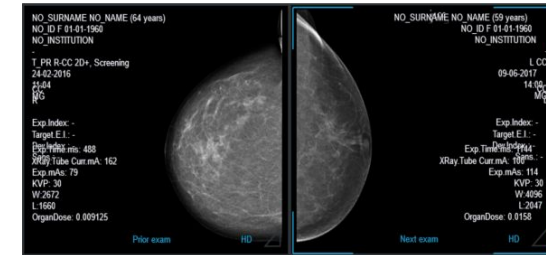


UNIVERSAL (MULTISPECIALTY)

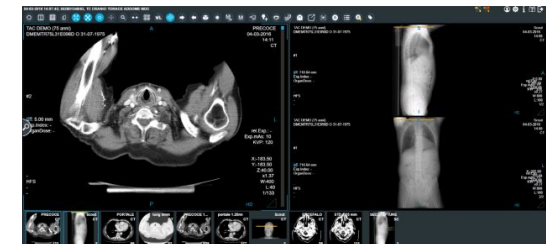
# UNIVERSAL VIEWER

## CLINICAL TOOLS

- Web-based multi-monitor and multi device (HTML5 and zero-footprint)
- Streamlined workflow and advanced feature support
- Ability to display DICOM and non-DICOM data
- High-performance streaming technology allowing interactive reading of very heavy studies
- Ability to retrieve complete historical data of patients from connected systems (dicom Q & R)
- Workflow-driven Hanging Protocols
- Real-time remote collaboration
- Zoom, PAN, W / L, Scroll
- Window Level Presets (Contrast and luminosity)
- Customizable Layout
- Patient History
- Advanced exam comparison (EX: ECG, Anatomic Pathology and MRI)
- Graphic objects: Measurement (ROI, lines, angles, polylines in the image)
- Local exportation: Individual images, entire study in Jpeg/Dicom /Anonymized Dicom.
- Exam change to post-processing workstations
- Cineloop
- Serial Synchronization Centered
- Sharing one-to-one e one-to-many



Previous/Next Exam Comparison



Horizontal Menu Model

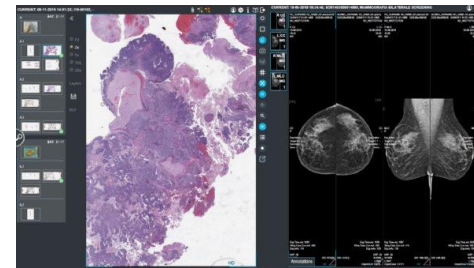
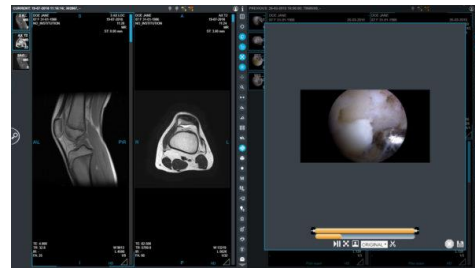


Cineloop

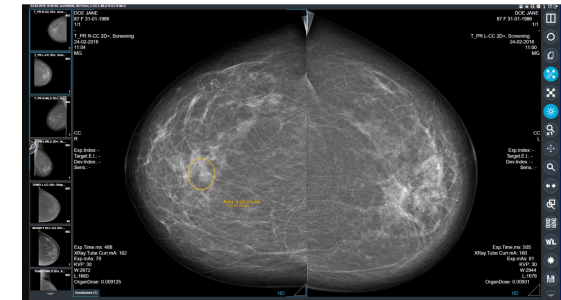
# UNIVERSAL VIEWER

## EXCLUSIVE DIAGNOSTIC AND REPORT TOOLS

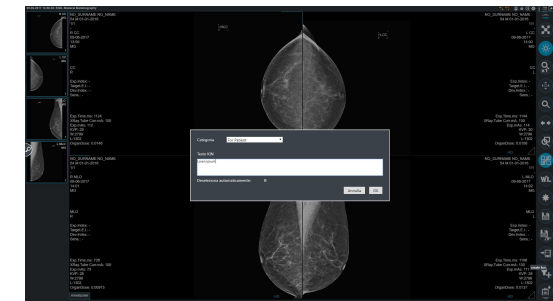
- Non-linear measurements
- DICOM print
- Key Images
- Secondary Capture
- Export the current view
- Comparison between previous and current exams and between different specialties
- Specific tools for: general radiology, mammography, cardiology, anatomy pathology exams and operational theater



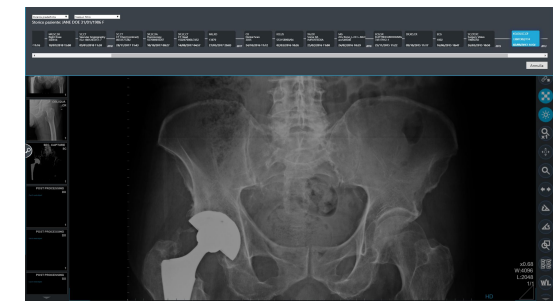
Comparison



Non-linear measurements



Key Images Insertion

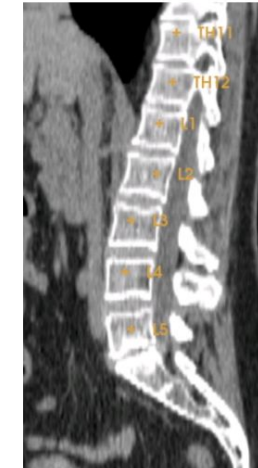


Patient History

# UNIVERSAL VIEWER

The ZEERomed View is UNIVERSAL, supporting multi modalities. Images, videos and signals can be visualized, reported and compared using only one software.

| Radiology  | Senology   | Cardiology | Anatomo Pathology | Operational Theater |
|--|--|------------|-------------------|---------------------|
| <p><b>TYPE OF EXAMS</b></p> <ul style="list-style-type: none"> <li>X-Ray</li> <li>Magnetic Resonance - MRI</li> <li>CT-Scan</li> <li>PET-CT</li> <li>Ultrasound</li> </ul> | <p><b>MAIN/SPECIFIC FEATURES</b></p> <ul style="list-style-type: none"> <li>•MPR / Orthogonal MPR / oblique MPR</li> <li>•Volume Rendering</li> <li>•MIP / Medium / MinIP Algorithms</li> <li>•PET - CT fusion</li> <li>•Flip Image</li> </ul> |            |                   |                     |



# UNIVERSAL VIEWER

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Radiology

Senology

Cardiology

Anatomo Pathology

Operational Theater

## TYPE OF EXAMS

Mammography  
Tomosynthesis  
Ultrasound


## MAIN/SPECIFIC FEATURES

- Inversion and Rotation
- Flip Image
- Quadrant Zooming
- Key images and measurements insertion in the report
- Shortcut for the main functionalities
- Previous/Multi Exam Comparison
- Customizable Hanging Protocols



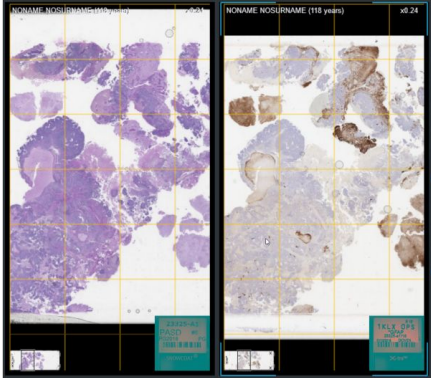
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| Radiology   | Senology | Cardiology  | Anatomo Pathology | Operational Theater  |
|---|----------|---|-------------------|--|
| <b>TYPE OF EXAMS</b><br><br>ECG<br>Holter<br>Stress Test<br>Ultrasound<br>Angiography |          | <b>MAIN/SPECIFIC FEATURES</b> <ul style="list-style-type: none"><li>•Signal amplification and filtering</li><li>•Integrated reporting interface</li><li>•Waveforms Signals Data</li><li>•Customizable layout and scale</li><li>•DICOM and non-DICOM management (.xml; .scp)</li><li>•Dicomised PDFs visualization</li><li>•Waveform measurements (RR, QT ...)</li></ul> |                   |  |

# UNIVERSAL VIEWER


The ZEERomed View is UNIVERSAL, supporting multi modalities. Images, videos and signals can be visualized, reported and compared using only one software.

| Radiology                                 | Senology  | Cardiology | Anatomo Pathology | Operational Theater  |
|---|---|------------|-------------------|--|
| <p><b>TYPE OF EXAMS</b></p> <p>Biopsy</p> | <p><b>MAIN/SPECIFIC FEATURES</b></p> <ul style="list-style-type: none"> <li>• Digital Slides preview organization and micro/macro in the tree-view of the case</li> <li>• Rotation contrast/luminosity</li> <li>• Minimap</li> <li>• Slide flip: indication if a slide has already been seen</li> <li>• Application of annotations and possibility to save groups of annotations in "layer"</li> <li>• Snapshots;</li> <li>• Lock sincro: functionality for manual alignment of slides</li> </ul> |            |                   |  |



# UNIVERSAL VIEWER

The ZEERMed View is UNIVERSAL, supporting multi modalities. Images, videos and signals can be visualized, reported and compared using only one software.

| Radiology   | Senology  | Cardiology | Anatomo Pathology | Operational Theater  |
|---|---|------------|-------------------|--|
| <p><b>TYPE OF EXAMS</b></p> <p>Videos<br/>C-Arms Real Time Exams<br/>Previous Exams Visualization</p> | <p><b>MAIN/SPECIFIC FEATURES</b></p> <ul style="list-style-type: none"><li>•Saving, edit and process tools from OR system or directly</li><li>•Snapshots</li><li>•Post-processing</li></ul> |            |                   |  |

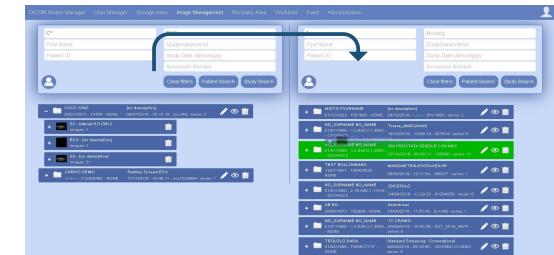
# PICTURE ARCHIVING & COMMUNICATION SYSTEM (PACS)

- Multimodality Advanced image and signal storage: images, videos, signals, embedded files.
- Advanced Prefetch Rules
- Exam and patient reconciliation
- Modality Worklist management and delivery
- Modality Performed Procedure Step (MPPS) Management
- Support for multi-site, fixed and mobile acquisition
- DicomWeb support

STOW-RS, QIDO-RS, WADO-URI, WADO-RS, UDP-RS

No need for VPN

- LDAP/Active Directory Integration - User Management integrated with the enterprise's
- Cloud Integration
- Support for Cross-Enterprise Document Sharing for Imaging (XDS.b-i)
- EHR Integration



Reconciliation

| Active | IP Address  | Port | Storage path       | Equipment | Archived |
|--------|-------------|------|--------------------|-----------|----------|
| ✓      | 127.0.0.1   | 4568 | \\pacs\imagecache\ | OS        | yes      |
| ✓      | 10.10.1.128 | 4568 | \\pacs\imagecache\ | OS        | yes      |
| ✓      | 10.10.1.128 | 5079 | \\pacs\imagecache\ | OS        | yes      |
| ✓      | 10.10.1.115 | 4568 | \\pacs\imagecache\ | OS        | yes      |
| ✓      | 10.10.1.126 | 4568 | \\pacs\imagecache\ | OS        | yes      |
| ✓      | 127.0.0.1   | 4568 | \\pacs\imagecache\ | OS        | yes      |
| ✓      | 127.0.0.1   | 4568 | \\pacs\imagecache\ | OS        | yes      |

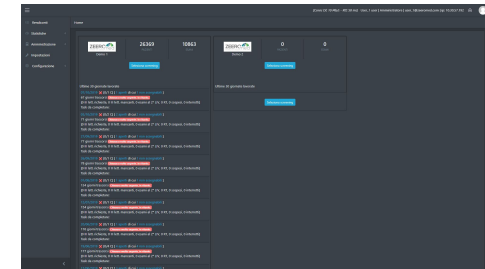
Multi Site Management



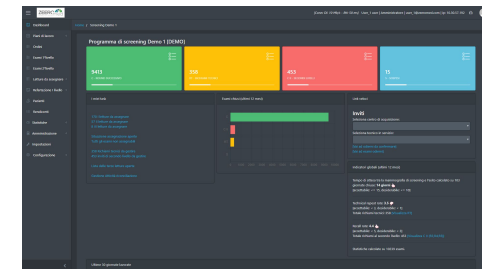
Multi Device Service Management

# MAMMOGRAPHY INFORMATION SYSTEM (MIS)

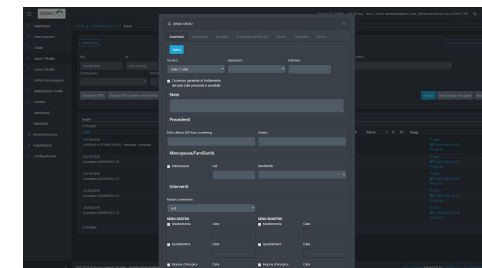
- Signature group reports: digital, remote and automatic
- First and second level management
- Web-based html5
- Customizable Mammographic anamnesis template
- Key images and measurements tools
- Performance Index (recall rate, abatement rate in third reading, percentage of technical recalls for TSRM)
- Support for multi-site, fixed and mobile acquisition
- Support for all actors: radiologist, TSRM, operators, sorting managers
- BI-Rads or Positive/Negative Model configuration
- Breast Density Management
- Structured reports and personalizable reports
- Supports multilevel management (regional, national);
- Technical recall specific workflow
- Customizable Algorithms for Alerts Configuration (interventions, family history, sintoms)
- Double Blind-Reading and Arbitration Support
- Informed consent management and personalizable templates
- LDAP/Active Directory Integration - User Management integrated with the enterprise's
- Possibility to work offline in case of lack of connectivity on the mobile unit



Overview



Dashboard



Mammography Report Interface

GET IN  
CONTACT

MORE ABOUT OUR BRAND  
[WWW.ZEEROMED.COM](http://WWW.ZEEROMED.COM)

+39-040-9828200

[info@o3enterprise.com](mailto:info@o3enterprise.com)

[www.linkedin/company/o3enterprise](http://www.linkedin/company/o3enterprise)