deepc

deepcOS

The Radiology AI Platform

Your effortless access to AI

Discover our novel Radiology AI Platform

deepcOS

deepcOS is a cloud-based AI platform that helps to scale the integration of radiology AI applications into clinical routine.

We unify access to a curated portfolio of radiology AI solutions. Already available on deepcOS are over 35 carefully selected and clinically validated AI products, developed by leading AI companies from around the globe.

With deepcOS, the value of Radiology AI can be easily realized at scale.

One installation, countless opportunities

As an AI ecosystem, deepcOS simplifies the integration of multiple AI solutions into the clinical workflow via a single installation.

A platform approach means:

- Radiologists can easily access the results from multiple AI solutions in their existing workflow.
- Organizations do not need to manage the resource-intense process of selecting and deploying AI solutions individually.

deepcOS: Innovation meets clinical expertise

deepcOS is compatible with all PACS providers, meaning radiologists can realize the value of multiple AI solutions for different clinical indications within their existing infrastructure.

Adding new AI solutions to an existing portfolio is streamlined with deepcOS, as additional products simply need to be 'switched on'.

"The whole setup was super smooth, deepcOS was instantly connected with our central PACS, and it worked from the start. The AI algorithms also detect difficult cases with the highest accuracy."

Prof. Dr. Lars Grenacher,
Chairman of the Board, Conradia Radiology)

deepc understands that a one-size-fits-all approach is often not suitable.

Through clinical value consulting, deepc works together with organizations to identify the solutions that maximize efficiency, quality, or financial benefits.

deepcOS: Benefits for Radiologists

1 Accelerated access to the value of Radiology AI.

2 Increased reporting confidence with access to a secondary support system.

3 No context switching; AI results from multiple AI solutions made available in existing PACS workflows.

4 Unbiased selection of clinical AI solutions for multiple applications from image classification to enhanced reporting.

deepcOS helps to unlock the full potential of Radiology AI, creating value for all users including radiologists, hospital IT, and management.

deepcOS: Benefits for Administration and IT

1 Faster & scalable AI deployment.

2 Lower integration effort to access multiple AI solutions through a one-time installation.

3 Reduced hardware requirements and costs via deepc's GDPR-compliant cloud-native solution.

4 Simplified management of multiple AI solutions with one unified contract, support, and billing.

Prioritize with confidence

Accessible as part of deepcOS is our prioritization application, which enables radiologists to triage their cases using AI results provided by our AI partners. Urgent* cases are moved to the top of the worklist, after which the original DICOM and the AI results can then be displayed in our viewer.

deepcOS empowers radiologists by delivering AI when and where it counts.

deepcOS prioritization enables:

- AI-based prioritization and triage of urgent* cases.
- Improved visibility of urgent* cases within the radiology department.
- Reduced context switching & interruptions for radiologists.

*urgency defined by the user either individually or on an organizational level.

Your **effortless** access to a myriad of **AI solutions** for a more streamlined radiology workflow
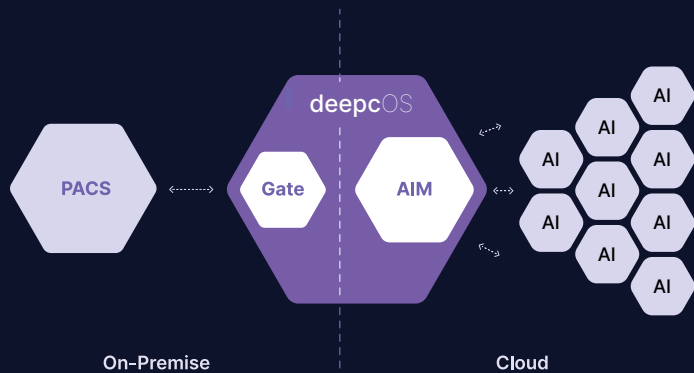
Select from one of the largest collections of clinical indications on the market

CT Head Trauma • CT ICH • CT ASPECTS • CTA LVO • CTP/ MRP Stroke • MRI Stroke Triage • CT Head Incidental Findings • MRI Brain Volumetry • MRI Multiple Sclerosis Assessment • MRI Aneurysm Detection • MRI Brain Tumor Assessment • XR Chest ER • XR Chest Incidental Findings • MMG Breast Density • MMG Breast CAD • CT Lung Nodule Detection • CT Lung Decision Support • MRI Prostate Assessment • MRI Small Bowel Motility • XR Fracture Detection • XR Bone Age • XR Knee Osteoarthritis • XR Leg Geometry • XR Hip Geometry • XR Bone Health Assessment • MRI Myocardial Assessment • PET Accelerated Acquisition • MRI Accelerated Acquisition • PET Brain Assessment • SPECT Brain Assessment • CT/MRI Automated Perfusion Assessment

From our globally leading partners

contextflow • CEREBRIU • Avicenna. • Cercare Medical

aidence • Lucida Medical • VUNO • annalise

qure.ai • IBEX • CIRCLE Neurovascular Imaging • Lunit • b-rayZ Augmenting Radiology

AI4MedImaging • GLEAMER • Radiobotics Augmented Radiology • Motilent

QUIBIM • Xvision • MILVUE • mediaire • image biopsy lab

On-Premise / **Cloud**

Be secure with deepcOS

Our solution is GDPR-compliant and we only partner with a curated selection of AI vendors that offer regulatory cleared (FDA or CE-marked) solutions. All patients' personal information is removed onsite before studies are routed to the correct cloud-based AI solution for processing, ensuring that patient information never leaves the organization. deepcOS is vendor-neutral and compatible with all PACS providers.

deepcOS makes AI integration simple, secure and scalable

"deepc is a game-changer for the radiology workflow. deepcOS enables us to effortlessly integrate the world's leading AI solutions into our hospital IT systems and make AI usage really scalable."

Dr. Amir Bigdeli
Chair of Radiology at Artemed

Schedule a meeting and learn more about deepc**OS** →
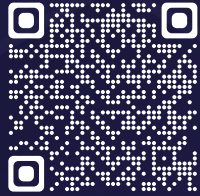
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