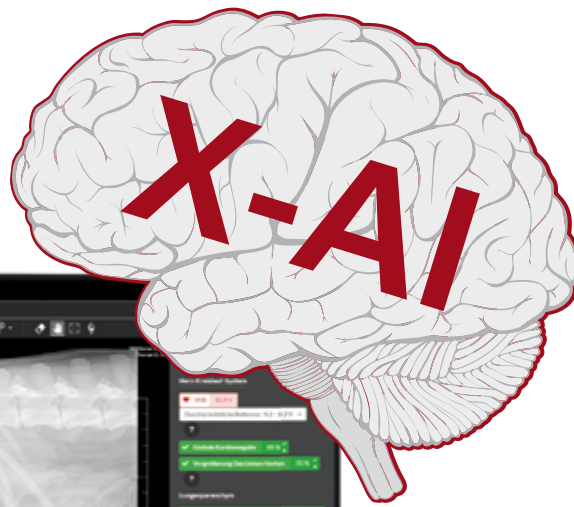# EXAMION®

X-Ray Systems · Digital Imaging · Service

X-AI
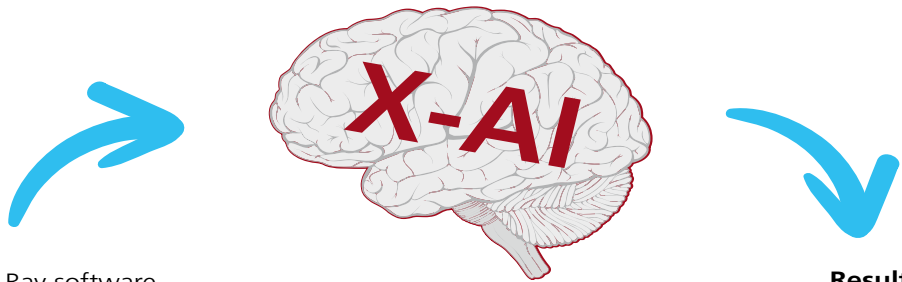
Artificial intelligence for your X-ray system

X-AI

Artificial intelligence in your veterinary practice

The **X-AI Integrator** is a unique option in the EXAMION X-AQS X-ray software to transfer your X-ray images to an artificial intelligence for analysis. The analysis is intuitively integrated into your workflow.

At the touch of a button, this connected artificial intelligence provides you with a **second opinion** at any time - even in the evenings and on weekends. This reduction in workload is something you'll never want to do without again. The artificial intelligence also helps you to maintain a **comprehensive perspective** during the diagnosis while paying attention to all abnormalities.

EXAMION has integrated the artificial intelligence of the distinguished manufacturer PicoxIA via the X-AI Integrator. The PicoxIA **diagnostic software** is specially designed for veterinary medicine and the only one that has been evaluated in scientific studies. Currently, PicoxIA can be used to analyze X-ray images of dogs and cats. The expansion to other animal species is planned.

Architecture

X-AQS X-Ray software

Results analysis

User interface PicoxIA

Your advantages at a glance

✓ Simple operation with X-AQS

The artificial intelligence X-AI can be seamlessly integrated into the EXAMION X-AQS software. With just one click, you can continue to use your usual software for diagnostic. Just like the X-ray software X-AQS, X-AI is designed to be operated intuitively.

✓ Designed with the future in mind

Consistend development is our benchmark. The current feature set is only the status quo.

By and for veterinarians: Our software was developed to encounter the daily challenges in practice. The algorithm is constantly being optimized by an interdisciplinary team of veterinarians and software specialists.

✓ Structured analysis

X-Ai performs a detailed, structured and objective analysis of your X-ray image data. In addition, the software provides objectivity, i.e. it works without using a suspected diagnosis.

✓ Probability calculation

The software indicates the degree of probability for each lesion. The probabilities are color-coded to simplify identification.

✓ Speed

Thanks to the high-speed analysis capability of artificial intelligence, it will take only 10-20 seconds to get results. The X-AI integrates seamlessly into your workflow.

✓ Diagnostic report

Artificial intelligence automatically generates a detailed report that can be processed, shared with colleagues or provided to the pet owner.
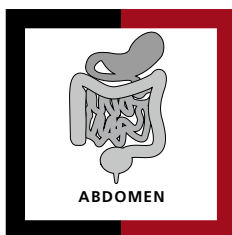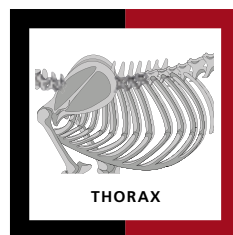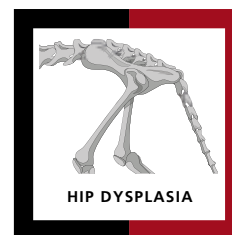
✓ Constant validation

External assessment and validation by experts is important to us. Therefore, the future development of X-AI will continue to be subject to scientific studies. PicoxIA study results have been repeatedly published in specialist journals to create transparency and prove the reliability of the algorithms.

X-AI provides reliable support for the most common issues in your small animal practice.

| ABDOMEN | THORAX | HIP DYSPLASIA |

13 identificabl lesions
3 suggestions for differential diagnosis
Automatic calculation of the kidney size

16 identifiable lesions
4 suggestions for differential diagnosis
Automatic VHS determination

5 recognizable lesions
Automated **calculation of Norberg-Olsson angle**

a single source!

EXAMION GmbH

EXAMION is a global provider of digital radiography solutions for human and veterinary medicine. For more than 30 years now we have been guided by our credo „everything from a single source" as a competent partner to your customers for purchase planning, installation and after-sales services.
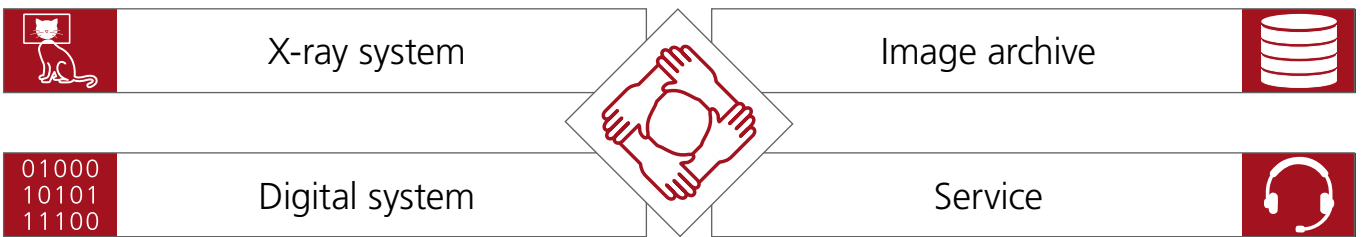
Our advice on technical and commercial questions is always based on the individual customer's respective requirements and the circumstances facing their particular medical practice or clinic. Each product purchase quotation is individually prepared by our experts with the specific customer in mind.

We currently service more than 7,000 systems most of which are permanently installed in hospitals and medical practices, but some are also used for mobile applications. The proprietary EXAMION X-AQS software for device operation, image processing, evaluation and archiving standardises operation and controls and ensures an efficient workflow. In addition to digital radiography, our product portfolio includes digital imaging systems as well as systems for mammography and X- ray therapy.

We have more than 150 employees who work together for our customers throughout Germany and at four European locations in Belgium, Poland, Portugal and Switzerland. We collaborate with a constantly growing network of service and sales partners worldwide.

Benefit from long-standing experience

X-ray system	Image archive
Digital system	Service

Your local sales and service partners

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