EXAMION®

X-Ray Systems · Digital Imaging · Service

X-AI

Artificial intelligence for your X-ray system
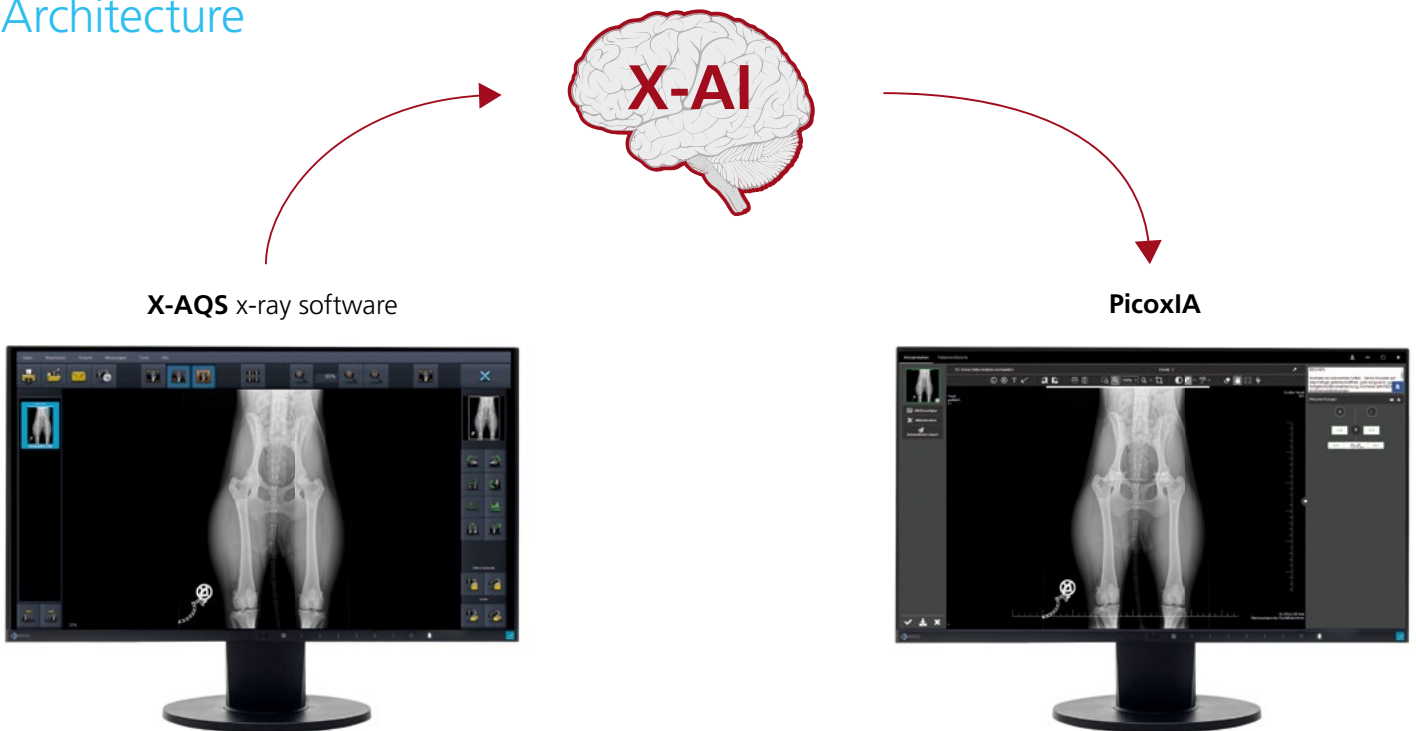
X-AI

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

PicoxIA

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.

☑ 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.

☑ Diagnostic report

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

☑ Designed with the future in mind

Consistend development is our benchamark. 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.

☑ Probability calculation

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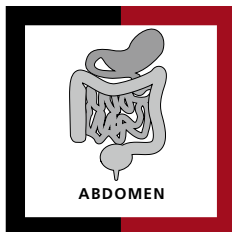
☑ Speed

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.
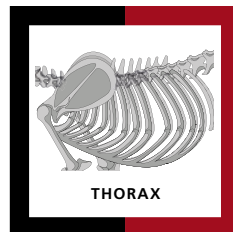
☑ Constant validation

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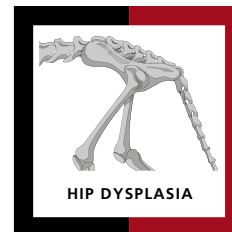
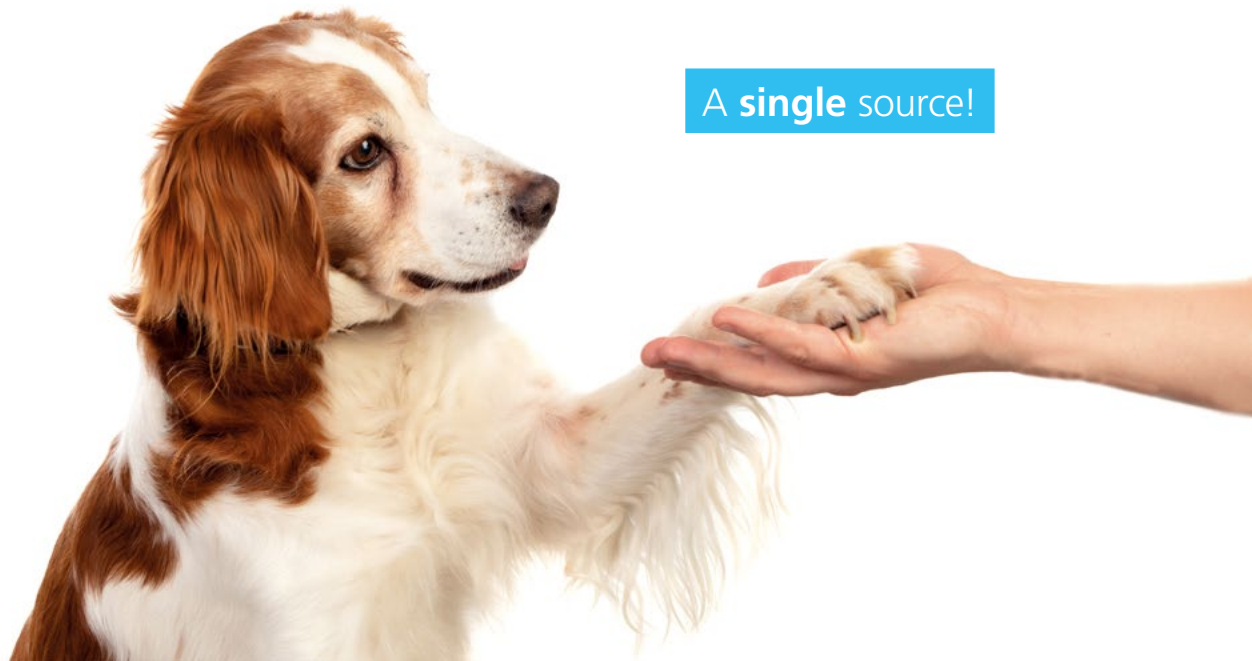**X-AI** provides reliable support for the most common issues in your small animal practice.

ABDOMEN

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

THORAX

16 identifiable lesions
4 suggestions for differential diagnosis
Automatic VHS determination

HIP DYSPLASIA

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

A **single** source!

EXAMION GmbH

EXAMION is a global provider of specialized solutions for digital radiography in human and veterinary medicine. For 35 years, we have been working based on the principle of "everything from a single source". We are available to our customers as a competent partner for planning, installation, and after-sales services.

Our technical and sales advice is tailored to the specific requirements of the customers and the practice premises. Contact our experts for your personalized advice!
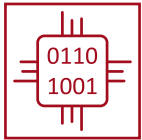
EXAMION currently services over 7,000 systems, most of which are stationary X-ray systems installed in medical and veterinary hospitals and practices. Our in-house developed EXAMION X-AQS software empowers the system control, image processing, reporting, and archiving while ensuring efficient workflow. In addition to digital radiography and image processing systems, our product portfolio includes digital mammography.

With more than 150 employees in Germany, our European subsidiaries in Belgium, Poland, Portugal, and Switzerland, and our ever-growing network of service and sales partners, we passionately support our customers throughout Europe and beyond.
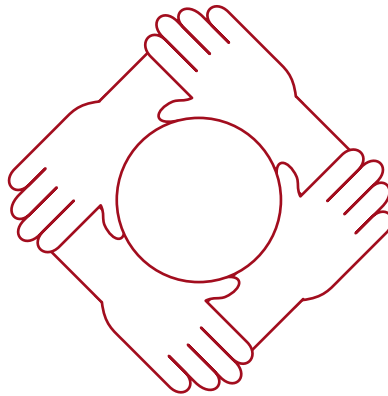
Take advantage of our long-standing experience

X-ray systems

Digital systems

X-ray archives

Services

Contact – your local sales and service partners

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