



blueOX
MEDICAL TECHNOLOGIES



CONNECTIVITY



IMAGE ARENA

The Platform for Connectivity
and Comprehensive Applications





IMAGE-ARENA™ – THE CONNECTING SOLUTION

Image-Arena™ is the basic module for a variety of different clinical application packages (CAPs). Image-Arena™ can be equipped with exactly the CAPs that fit your individual requirements. All the echo data (Images, Measurements, Reports etc.) are accessible from just one single database. Image-Arena™ is available as a stand alone workstation, as a network or a complete integration.

PLATFORM FEATURES

One platform – many applications

The platform performs all the basic functions that are needed for working with clinical applications, e.g. data import/export, selection of studies, Image-Management, archival storage, automation processes and connectivity.

Manufacturer independent

With Image-Arena import of every kind echo data is possible, especially import of measurement data from convenient ultrasound devices.

Scaleable

Be it stand alone workstation, as a network or a complete integration, Image-Arena adapts to your requirements.

Complete solution or “software only”

Image-Arena is available as a complete solution including hardware or as a “software only solution”.

Easy Archiving

Just one click to archive your valuable data – Archiving cannot be easier!

Industry Standards

Image-Arena uses industry standards like Dicom and HL7. TomTec is a founding member of the IHE Germany e.V.



* IHE: Integrating the Healthcare Enterprise.
TomTec is a founding member of the IHE Deutschland e.V. (www.ihe-europe.org)
** Image-Arena@web required

Integration according to





YOUR ADVANTAGES FROM AN IMAGE-ARENA™ INTEGRATION:

Saving of time

- optimization of the workflow
- one-off input of all patient data

Availability

- diagnostic findings and pictures available throughout the clinic

Profitability

- you do not lose any reimbursement as all exams are collected
- reduced implementation investment due to IHE* standards

Satisfaction

- through fast results for patients and examiners

g to IHE Scheduled Workflow (simplified illustration)

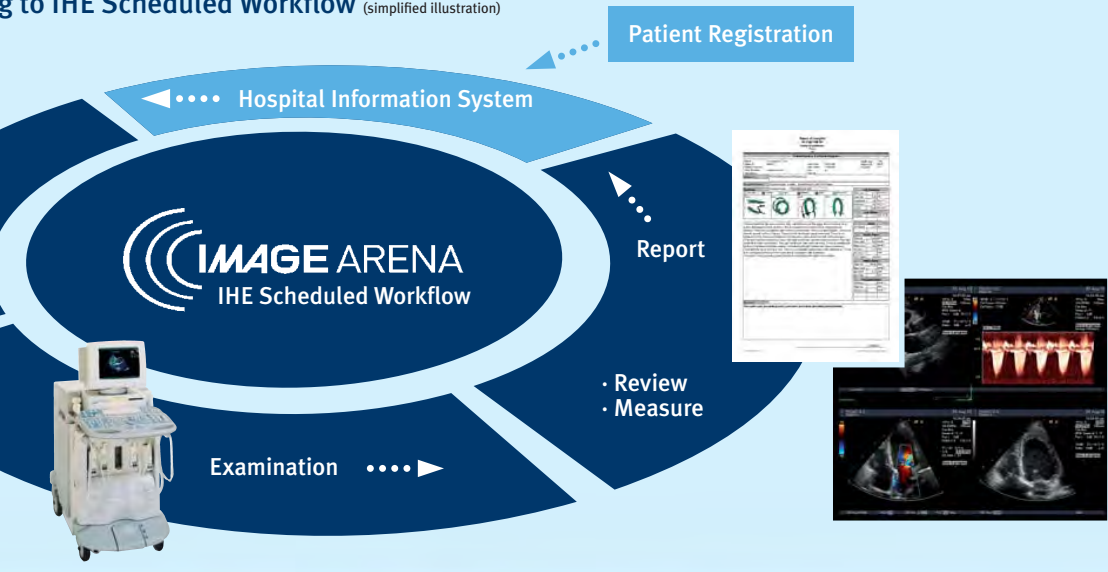




IMAGE-ARENA™

NETWORKING

Austria, Innsbruck – University Hospital Innsbruck – Dr. Silvana Müller

One of many sites where Image-Arena has been integrated into the hospital environment according to IHE.



OPTIONAL CLINICAL APPLICATION PACKAGE – CAPs

CAPs are designed for specific clinical applications.
This ensures that the workflow is optimized for user's working environment.
The variety of CAPs increases steadily.

Inside this folder please find the CAPs for your individual needs.

CAPs are currently available for:

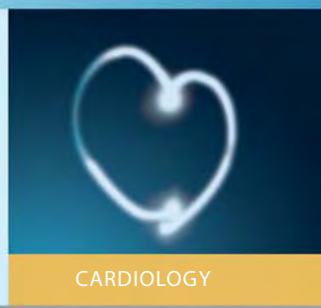
- Review and measurement packages for Echo studies
- Compare images for serial study analysis
- Stress-Echo with wall motion scoring based on ASE 16 or 17 segment model
- Accelerated Reporting

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IMAGE-COM ©
powered by  IMAGE ARENA



Comprehensive Image-Review, Measurements and Reporting





IMAGE-COM ©*

Time efficient Reporting and Image-Review plays a decisive role in improving the quality of patient care. Image-Com[®] has been developed to speed up workflow in the daily routine. It makes echocardiographic information available faster, provides additional clinical information and accelerates reporting.

Fast Access

All examination data available with just one click. A study can be reviewed with various functions like different screen tiles, zoom, trim etc.

Additional Clinical Information

Image-Com[®] makes serial comparisons easier than ever. Direct comparison between past examinations and the current one can give important information on the course of disease.

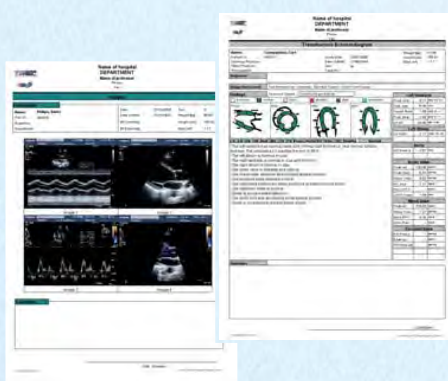
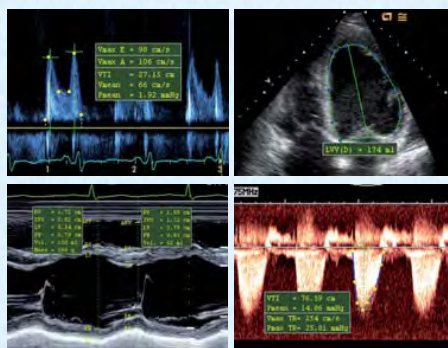
Online Measurements

Cardiac measurements in M-mode, 2D and Doppler can easily be added to a study. Measurements that have already been done on the ultrasound-machine are added to the worksheet. Depending on the requirements either the average or the last value will be shown in the report.

Accelerated Reporting

The reporting module produces complete and standardized echo reports:

- Avoid time-consuming transcription through pre defined text modules, with a simple point and click
- Automatic measurement compare feature
- View reports anytime, anywhere **



* Product approval pending

** Available in combination with an integration and/or Image-Arena/Web

