

InVision

Easy solution for sharing and reviewing DICOM images





Bildteknik – the medical image engineering company

We integrate medical audio, video, monitoring, and imaging from any equipment or modality, including X-ray, endoscopy, and ultrasound, in order to simplify high-quality image management for hospitals.

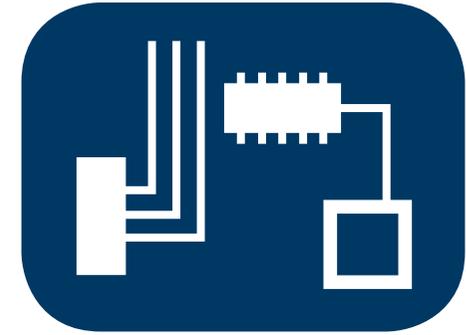
With solutions that work with any make, brand, or model of medical imaging equipment, we offer truly vendor-neutral integration in high definition. Our systems are seamlessly connected with other hospital IT systems such as picture archiving and communication system (PACS), electronic health record (EHR), radiology and hospital information system (RIS and HIS).

Serving all branches of the hospital – including operating rooms, catheter labs, and radiology departments – our systems add comprehensive functionality to capture, display, record, archive, store and review medical images. We enable medical professionals to distribute images and to interact with colleagues, collaborators, students and other audiences anywhere.

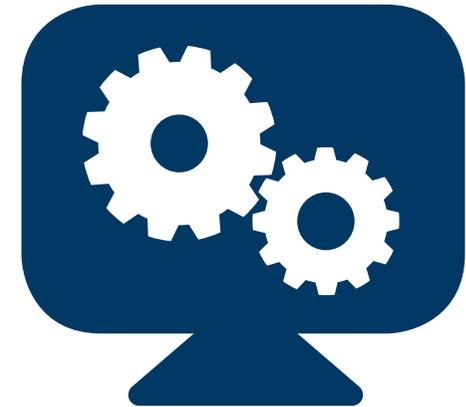
Our ready-to-use systems can serve as a platform to create complex custom-made installations. We deliver the complete solution, including our proprietary software together with all the necessary hardware, and we provide service and support over time for maximum reliability.

Bildteknik is head quartered in Lund, Sweden, with local service offices in Europe and Asia. The company is ISO 13485 certified with TÜV Süd as the notified body, and most of our products are classified as medical devices.

Made in Sweden since 2009.



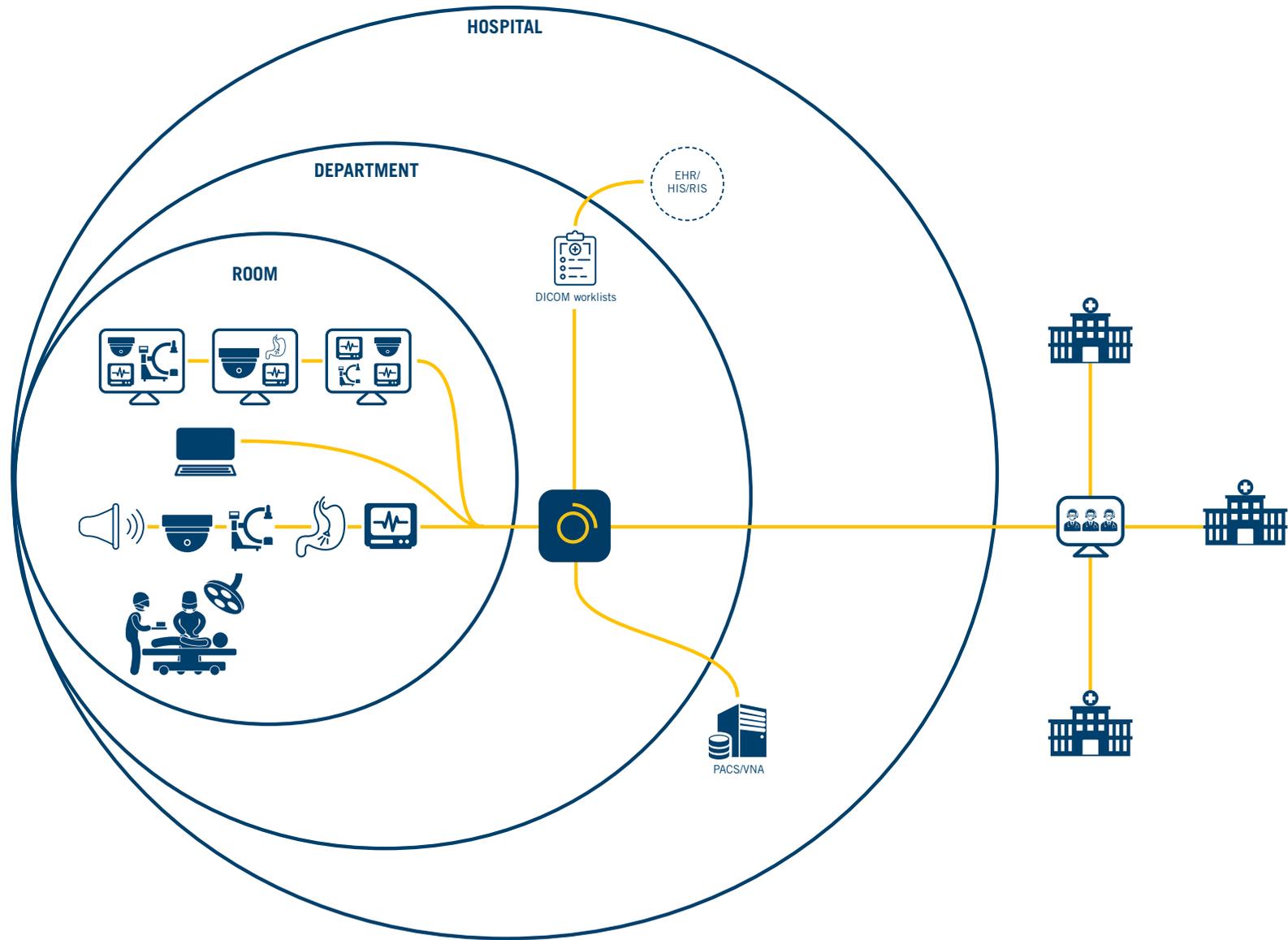
HARDWARE



SOFTWARE



INSTALLATION & SERVICE



InVision- easy solution for sharing and reviewing DICOM images

InVision is a complete solution for medical image management for any imaging, monitoring, video and audio in hospitals.

Connect, share and review

InVision for virtual patient review meetings consists of a DICOM viewer and a video conferencing platform. The solution can be installed within the seminar room of the hospital department, enabling various departments or hospitals to have virtual patient review meetings. Synchronized DICOM-material can be shared, reviewed and controlled over the hospital's private network or via the Internet with lossless image quality.

The challenge

Multi-disciplinary team (MDT) meetings are expert meetings that take a team approach to the decision making process for patient diagnosis and treatment within for example cardiology, oncology, radiology, neurology and orthopedics. During these patient reviews, colleagues and experts from multiple departments, disciplines, hospitals or countries may meet to discuss complex cases and the best course of action for the patient.

Traditionally these meetings have involved physical travelling or at least walking from one department to another within the hospital - meaning that valuable time is lost, that meetings need to be scheduled well in advance, and that confidential patient data is transported to the meeting on a CD or USB for example.

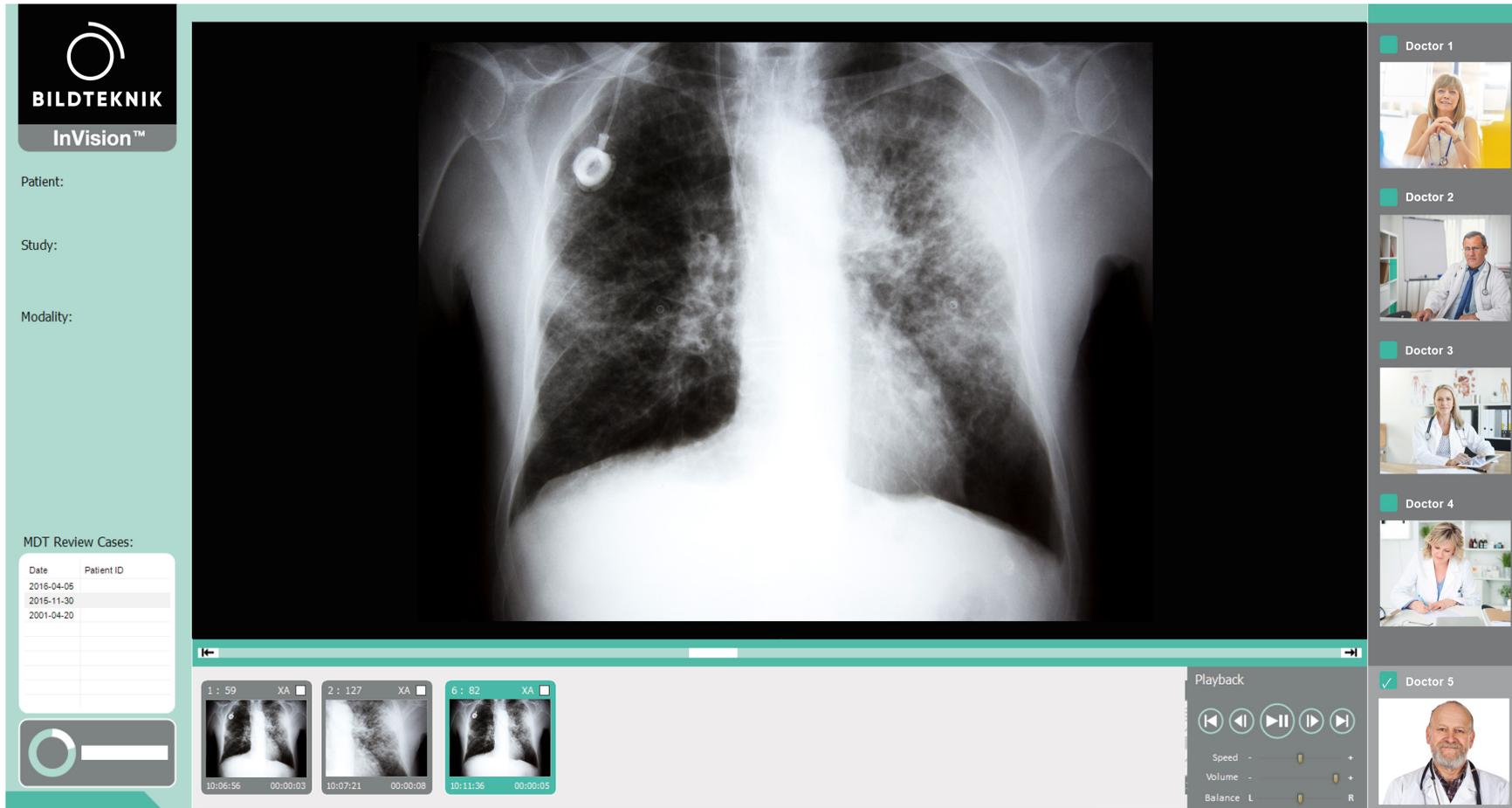
The use of MDT-meetings is on the rise, and studies suggest that there is a positive impact on patient outcomes. But a significant amount of time and money is spent on preparation and travelling - meaning that there is room for efficiency improvements.

InVision - secure and lossless image sharing

A network of hospitals, each with InVision installed on a laptop, can participate in virtual meetings together. In these virtual meetings, image playback of the shared DICOM-files is synchronized and the host hospital can pass playback controls amongst participants. This means that patient data no longer has to be transported physically - reducing the risk of misplacing confidential information. Meetings can be held with shorter notice and travelling is no longer necessary, saving both time and money.

Importantly, the DICOM-files are distributed to each participant with zero loss in image quality.





Features

- Fixed, unobtrusive installation
- Add cases to favorites tab
- Flag cases for virtual diagnostic review meetings
- Playback of archived DICOM files including audio
- Speed and frame by frame playback control
- Contrast, brightness and image inversion control
- Rapid access of archived data from multiple PACS servers in one search window - search for one patient on multiple archives simultaneously
- Playback control can be shared amongst all participants
- Video conferencing via supplied webcam
- Full duplex audio with echo cancellation

Prepare instantly

InVision can be configured to multiple PACS archives within the hospital giving you fast and easy access to all stored data. One patient can be searched on multiple archives simultaneously and once the required study is found it can be flagged for virtual review. When a study is flagged, all invited participant hospitals get access to the DICOM files.

Shared playback control

During the meeting, playback control can be shared between each participant and the cursor of the hospital in control is visible to everyone. This allows for a controlled virtual review meeting where everybody can get their points across easily.

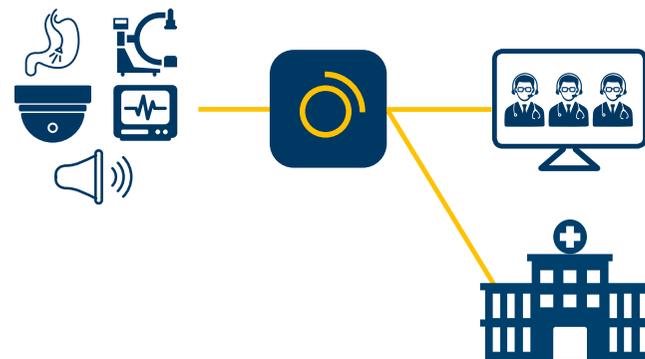
Since each participant has received the entire DICOM file, no compromises are made from the original image quality found on the PACS archive.

Safeguard confidential data

After the virtual patient review meeting or if the meeting doesn't go ahead, all patient data is automatically deleted from each participant's system, safeguarding confidential data.

Transfer images

Prior studies and patient data can be transferred to another hospital as needed, in cases where patients are referred.



Benefits

- Participate in virtual MDT-meetings with no need for travelling
- Shared playback control between all participants
- Video conferencing with DICOM image sharing in lossless image quality
- Supports the decision making and treatment planning process
- Connects departments, hospitals and global medical expertise

Service and support - example

	Level 1	Level 2
One preventative maintenance visit per year	✓	✓
Unlimited phone support within working hours	✓	✓
Service ticket response within one working day (telephone or remote access)	✓	✓
Remote access engineer within two working days (where remote access has been made available)	✓	✓
Delivery of spare parts kept in stock within 24 hours		✓
On site engineer within 3-10 working days (if required and depending on location)		✓
Parts and labor included		✓
Free software upgrades for duration of contract	✓	✓

Contact details

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