We believe everybody deserves the best possible personalized patient care.
The missing piece

Every day most imaging departments face the same challenge: get instant access to all patient data at the point of care to provide accurate diagnostic services, efficiently generate reports and to optimize therapy decisions.

TOMTEC offers a solution to this problem. With applications and analysis tools for 2D and 3D echocardiography, vascular ultrasound, angiography and nuclear medicine, combined with remote reading and reporting capabilities, TOMTEC is here to meet and exceed all of your daily needs.

One Vendor Independent Platform – Many Applications

Whether it is a stand-alone workstation, network, complete PACS/VNA/EMR integration or a web-based solution, TOMTEC DATACENTER scales and adapts to your requirements.

TOMTEC DATACENTER can act as a multivendor modality platform, improve task sharing between acquisition and reading/post-processing, can act as a Mini PACS or help researchers to accomplish their study goals without interfering with the clinical routine data flow.

Web-Access

Our web-based STUDY LIST allows access to clinical data anytime and anywhere. The STUDY LIST acts as a unique entry point for daily routine and research workflows.

The Core of your IT

TOMTEC DATACENTER enables clinicians to create, collaborate, exchange, and manage comprehensive medical imaging records throughout the continuum of care.

Every customer has something special for us

We understand that every lab works differently and your needs might be very specific. Courtesy to our configurable solution and modular architecture we can assign different roles to a specific user within working groups or assign studies to a physician under certain conditions. Import/Export all studies are performed in an easy and fast way.

Our Data Maintenance services include tools empowering each user to control selected studies and patients for:
- Study Information
- Study/Patient Editing
- Study/Image Deletion
- Study De-Identification

1 Is part of TOMTEC-ARENA. TOMTEC-ARENA is a trademark of TOMTEC Imaging Systems GmbH. 2 Any access outside the hospital requires a secure VPN connection.
Smart connections
Connectivity between IT systems is the key to information sharing, successful collaboration between clinicians, and information exchange with patients, other departments and referring physicians.

TOMTEC DATACENTER supports the most important industry standards for information exchange and beyond:
- DICOM Connectivity
- Import/Export
- Support proprietary interfaces and data formats

The archiving option connects all systems and imaging devices that are compliant with the DICOM Standard to Query, Retrieve, Store and Move images. It can receive studies from modalities, save them to the local archive, query remote archives and search for specific examinations, send back all results to the long-term archive or copy to external storage devices.

Save time using our integrated DICOM Import Tool.
It allows you to easily import all DICOM files and folders into the local archive. Patient’s CD and DVD can be imported as well. Simple drag & drop of files and folders in the specific DICOM Import Area will automatically start the import workflow.

Archiving
Your data needs to be safe! Patient history, follow-up visits and legal regulations require archiving of complete patient records.

TOMTEC DATACENTER provides all means to archive your data using DICOM Standards. While supporting SAN, NAS and other storage devices, the archiving option gives you the highest possible reliability and performance to accelerate your daily work.

Communication Manager
The Communication Manager has been specifically designed to help execute performance sensitive actions like routing of studies via DICOM or finalizing studies based on user defined triggers.

Using a rule-based service, all actions can be triggered by different events e.g. based on time, study status or report status. The auto-forwarding feature enables PACS administrators to configure the archive service to automatically archive stored DICOM images or send them to another PACS.

Additional benefits are:
- Where the PACS does not accept 3D data or DICOM encapsulated PDF files, perform DICOM SOP Class specific archiving
- Schedule archiving to further reduce the workload during daytime

The benefits are:
- Get a look into images and report from your EMR within one click
- Automatically close TOMTEC DATACENTER when you close your EMR application
- Easily export images and measurements to 3rd party reporting

Modalities can talk the same language
Measurements are key to every diagnosis. Managing measurements is one of our core competencies.

mmS (measurement mapping service) is a tool that allows the standardization of different DICOM SR formats from different ultrasound vendors into a standardized DICOM format that reduces tremendous mapping efforts to information and reporting systems.

Let us take care of customized measurements and the many DICOM SR mappings that challenge your life every day!

Dicom Structured Reporting Templates, in addition to XML based format templates, are available for exporting.

Empower enterprise imaging
Save time using our integration interface.
Use the integration interface to callup TOMTEC DATACENTER from your EMR or other applications. The callup integration supports a direct launch into studies, images or reports available in TOMTEC DATACENTER or TOMTEC ZERO.

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ABOUT TOMTEC

TOMTEC Imaging Systems GmbH is a global leader in medical imaging software solutions. Specializing in ultrasound, TOMTEC offers state-of-the-art solutions for our clinical customers and industry partners.

TOMTEC was founded in 1990 and our Headquarters are located in Munich, Germany. Our products encompass a wide range of 2D and 3D/4D technologies for visualization, automated image analysis, quantification, reporting and image management.

TOMTEC proudly offers solutions for adult and pediatric cardiology, obstetrics, gynecology, radiology and vascular diagnostics. We partner with industry experts to deliver education and best practice sharing via TOMTEC ACADEMY.

At TOMTEC, we are passionate about providing world-class support and service for all of our customers.

TOMTEC stands for "Excellence in Digital Healthcare". Our mission and core value is a commitment to continuous improvement, delivery of excellent image and analysis quality, ease-of-use, reproducibility through automation, world-class service, support and education.

TOMTEC focuses on emerging, future technologies like Cloud-based Software Solutions, Artificial Intelligence and Virtual Reality to support healthcare providers in delivering best possible patient care.

The company maintains close working relationships with many leading universities and research institutes around the world.