WORKFLOW MANAGEMENT FOR THE RADIOLOGICAL PRACTICE
medavis.
Your trusted partner for workflow management in radiology.

medavis workflow solutions optimise your whole workflow - from appointment scheduling to billing. At one and the same time, you can increase economic efficiency and improve patient care. medavis uses sophisticated interface technology so that the solutions fit seamlessly into your system landscape. Whether you are connecting your modalities via DICOM across interfaces for PACS, HIS and therapy systems, communicating with web or mail servers or exporting billing information, medavis ensures that the digital information flows freely in your radiology department. Your previous investments are protected.

medavis gives you a broad spectrum of ways of designing an efficient radiological workflow. Our solutions are consistently geared to the needs of our users. The system incorporates a sophisticated understanding of the various roles involved so that predefined roles are available for any area of activity. Before start up, every user is carefully trained for live work with the system right from the start. To enable rapid, high-quality diagnostics, all your resources are used to the full in each individual work step in a manner consistent with your particular circumstances.

medavis software solutions are a byword for reliability and top-quality performance. They are modular, scalable and grow to keep pace with your developing needs. If the conditions of your radiological department alter, your medavis solution can always be adapted flexibly to meet the new demands.

OUR CREED IS QUALITY, PURE AND SIMPLE.

You want to improve the workflows in your radiological practice and increase your service quality? You would like your success to be founded on a satisfied, motivated workforce?
In 1997, after 27 months of development, medavis launched its Radiology Information System, based on years of experience in radiology and using the latest in software technology.

Today, medavis GmbH is regarded as one of the leading system houses for radiology workflow solutions. The number of medavis installations in use at home and abroad continues its steady upward growth. More than 23,000 users in over 450 medical institutions of all sizes already rely on medavis in their daily work - in radiological practices and group practices, hospitals and clinic groups as well as university clinics. Quite apart from the conventional radiological workflow, which the medavis RIS models fully with its consistently role-based approach for maximum efficiency, the versatile, web-based communication platform portal4med gives you an unrestricted flow of information. Its modular, scalable structure ensures that the range of roles available can fully match your needs and can also be extended flexibly afterwards at any time whatsoever. portal4med fits seamlessly into your existing system landscape and ensures that your information flows smoothly irrespective of location. All portal4med modules - from the referrer portal to telemedicine - have one thing in common: they sustainably increase the efficiency of your radiological workflows irrespective of location.

Sustainability occupies a particularly important role at medavis. Even today, our first medavis users are still among our satisfied customers. Our dynamic products with their enormous range of functions convince everyone who has made the decision to opt for medavis. Not least of the reasons behind this is that they come bundled with sophisticated project management, a first-class training concept and skilled and proven customer service.

A success record like no other.

140 MILLION EXAMINATIONS
46 MILLION PATIENTS
23,000 USERS

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The underlying conditions in radiology are changing. Modern technologies open new diagnostic and therapeutic opportunities while requiring investment at an entirely new level. Networked working practices across several sites gives you the opportunity to harmonise your work processes and make practical use of synergies. This has twin advantages - costs fall and patients benefit more and more from advanced diagnostic procedures. A digital information flow creates the basis for communications anywhere, irrespective of location and across different disciplines as well. The result is improved diagnostics.

The digitalised information flow provided by medavis software solutions guarantee smooth running workflows. The medavis RIS gives you everything that a radiology information system must have: sophisticated interface technology based on years of experience plus system stability and openness to future adaptations.

PACS systems from widely differing producers can be integrated. This enables you to control the whole of your radiological workflow from one place. As the central feature of your radiological workflow, it grows continuously. The good communications that we maintain with our users enables us to keep developing our software solutions in line with their needs. Being both modular and scalable, they can adapt to the requirements of diagnostic institutions whatever their size.

With medavis, you are always on the safe side. Whether your radiology department is growing, your working structures are changing or fresh technological innovations are emerging - medavis gives you a holistic, individual and future-proof workflow solution, specifically geared to the needs of your radiology department, now and in the future.

The future is here. Now.
MORE efficiency & BETTER processes

From appointment scheduling to billing, medavis RIS reliably controls all your radiological processes. Perfect PACS integration gives you all the options: Single sign on/sign off, RIS-central image retrieval, image in the diagnosis, diagnosis in PACS and PACS synchronisation, even image preview and demo preparation. In addition, the latest technologies ensure efficient text processing, as well as optimised report transmission - from deeply embedded digital speech recognition to the referrer portal.

MORE security & BETTER documentation

Maximum security will be ensured by a continuous service entry and a largely automated billing. The medavis RIS BILLING SYSTEM supports structured billing catalogues with a very extensive rules engine including invoice document creation. The medavis Payment and Reminder System gives you control over the payments, supporting partial payments, recording of the credited account and the creation and management of reminding documents. Beyond a special LOGGING functionality also allows the traceability of modifications, in the appointments as well as in the patient data.

Make more of your resources - today, tomorrow and in the future.
MORE convenience & BETTER motivation for users

An intuitive user interface enables every user to manage the system immediately. The range of functions can be designed individually, specific to each user, which makes for effective operation and maximum time savings. The system has more than 450 predefined statistics - available for cross-site evaluations as well - to support planning and process optimisation and facilitate management accounts. medavis Agent, a special software distribution tool, also simplifies administration because updates and later software extensions are automatically incorporated.

MORE service & BETTER diagnosis quality for your patients

Appointment scheduling is faster and can be effected if necessary across different sites, which enables maximum use of your modalities and shorter waiting times for your patients. The quality of your diagnoses is supported by an optimised flow of information. Thanks to MULTIMEDIA ARCHIVE and DIAGNOSTIC PATIENT CENTER, you have an innovative HD diagnosis work site, with all the relevant information and previous diagnoses for your patient always available. All possible without needing to interrupt your diagnosis or dictation or change windows or applications.
Our holistic approach is not just confined to the range of functions covered by our software. It also applies to our service provision, where completeness, continuity and individual customisation are always central. For our customers, we are a partner who delivers innovations and also follows up and helps with continuous improvement.

We spend a lot of time on your special processes and optimisation requests. We model your requirements in every detail - completely and understandably. As for implementing and integrating our software into third-party systems, maximum transparency is a chief concern for us.

We define the workflow and ensure that your daily processes are not impaired as far as possible. Our individual training sessions are precisely geared to the different key concerns of users. We show in detail how everyone can benefit from a particular system to their best advantage. We are there with you on the spot when the systems go into live operation and indeed throughout the whole go-live phase work in close cooperation with your technical staff.

In support of this, we create detailed project and system documentation. We deliver all the services that you need - regular system servicing, performance optimisation, early detection of potential fault sources, plus regular software updates. We are happy to advise you on practical ways of extending your structures, for example if new sites are to be included or if organisational changes are expected in your institution.

- Intuitive operation ensures rapid familiarisation
- Simplified administration and smart management accounting
- Seamless integration into your system landscape
- Smooth connection of modalities, PACS, HIS and other systems
- Efficient appointment scheduling
- Reliable activity recording
- Optimised diagnostics
- Stable and fail-safe

You can concentrate completely on your patients. We handle your workflow.
Perfect workflow management - reliable and effective

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Use networked communications over the internet for faster appointment scheduling and diagnosis reporting to optimise your workflow and improve service quality for your referrers and patients.

Get earlier treatment for your patients by creating the conditions whereby the treating doctor can make a referral and at the same time arrange an examination appointment in your radiology department. This not only makes a good impression but also sustainably increases your workflow efficiency and improves your workload management in the long term.

As soon as a diagnosis has been made, benefit from the latest web 2.0 technology by sending this immediately to your referrer and avoid time delays. Your workflow runs smoothly and the foundation stone for rapid and successful treatment for your patients has been laid.

Networking via the internet - especially between treating doctors and radiologists - creates great potential for quality improvements because of the rapid and specific exchange of essential information on diagnosis and therapy:

- Improved workload management and more efficient workflow organisation thanks to direct communication on available examination capacities
- Diagnosis orders can be assigned at any time or place, creating considerable time savings
- Referring doctors can book a radiology appointment at the same time as making a referral and in so doing expand their service provision to their patients
- Diagnoses and examination data are transmitted in ‘real time’ and are immediately retrievable
- Use of their medical reports by referring doctors to expand on the diagnosis also saves time

**portal4med referrer portal.**
Make sustainable investments.

portal4med is compatible with all communications standards in current use in medicine: HL7, DICOM, XML, IHE. Seamless integration even in heterogeneous system environments is no problem at all. The latest web 2.0 technology ensures independence of both infrastructure and operating system. However your IT infrastructure develops - portal4med will be equal to the new requirements. Your previous investments are protected.

portal4med stands for flexibility, independence and maximum safety standards:

- The detailed assignment of access authorisations guarantees transparency and security in the handling of sensitive medical data
- You can use portal4med flexibly - in medical practices and also from home. All you need is an internet connection and an up-to-date version of the commonest browsers
- The user interface is intuitive to operate and uncomplicated to use
- Your data is encrypted in the internet via a public key infrastructure and transmitted securely
- Straightforward and secure integration of new referrers without complicated VPN installation

portal4med is much more than an innovative referrer portal. The platform combines other applications with special functionalities for telemedicine, patients and teaching institutions.
Since 1997, medavis has been synonymous with medical IT that goes the extra mile:

- State-of-the-art software technology
- Future-oriented, scalable and upgradable IT processes
- Customised services
- IT experts in radiology process optimisation and network architecture
- High-performance products with depth of functionality
- Long-standing project experience
- Top-class customer service with qualified staff

Medical centres, hospitals, clinic chains and teaching institutions in Germany and abroad – over 450 medical institutions of all sizes already rely on our radiology workflow solutions medavis RIS and portal4med.

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