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HEALTHCARE SYSTEMS GROUP



Enterprise content management

Open to everything.
Enterprise content
management logically
considered.

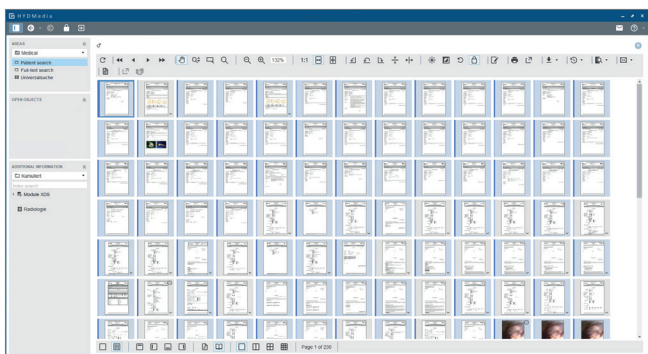
Since everything belongs together

HYDMedia is the holistic enterprise content management system for the clinical and administrative areas of the hospital.

All relevant information and documents are digitally integrated and made available at the workplace. HYDMedia thus ensures the paperless exchange of information and facilitates the collaboration between all employees in their respective areas across data boundaries. HYDMedia overcomes the restrictions of vertical applications in this way.

Clinical documentation in HYDMedia

Digital documents from hospital information systems, clinical workplace systems and medical specialist systems are directly transferred and archived in an audit-proof manner. Automatic entry in the document list of the patient file enables a view of the current treatment status at any time. Central administration of access rights guarantees a high level of data security. The connection of RIS/PACS systems to HYDMedia allows access to DICOM objects and their archiving – including conversion from DICOM to JPEG formats.



All treatment-relevant documents, whether digitally created or scanned, are clearly displayed in different views in HYDMedia.

HYDMedia's own software modules can also be used to acquire, display and assign diagnostic images to the medical history. Adjustable views of the patient file, e.g. of all previous illnesses, provide a perfect overview of all documents and allow patients to be treated more quickly. Likewise, the processing times for enquiries from the German Medical Service of the Health Funds (MDK) are reduced thanks to the simple and targeted search for required documents and their provision to the MDK.

HYDMedia in the administration

HYDMedia enables the creation of digital stores of information (digital archives) for a wide range of subject areas and tasks. Patient and personnel files, construction files and contracts as well as financial accounting and purchasing documents are backed up in an audit-proof manner and are available at any time and at the respective workplace. HYDMedia can be used as a stand-alone information system or, with appropriate interfaces, can be connected to leading systems as an archive and store of information, such as

80%

of all documents are generated in the clinical area, the remaining 20% in the administrative area.

personnel or financial accounting programmes. It is also possible to store the data and documents generated by workflow applications so that they are available for quick reference.

Workflows and the implementation in HYDMedia

Every clinic and hospital wants to increase its own efficiency and profitability as well as be able to respond quickly if changes occur in its business processes. Digital workflow solutions, once implemented in a system, take over a large part of the original coordination and communication tasks. This relieves employees and allows them to concentrate on their actual tasks.

With workflows for e.g. digital invoice processing and contract management as well as for quality management, HYDMedia is able to control complex, recurring work steps in a more structured and transparent way to increase security and efficiency in the respective processes. HYDMedia workflows are based on the systematic approach of BPM (business process management). In this way, it is possible to capture, design and execute both automated and non-automated processes.

HYDMedia and IHE XDS

IHE (Integrating the Healthcare Enterprise) is an initiative of providers and users from medical technology and information technology. The collaboration aims to maximise interoperability in medical IT. The IHE itself does not develop standards, but uses existing standards in its technical frameworks and integration profiles. The IHE XDS profile exchanges medical data between healthcare providers who have joined together to form an affinity

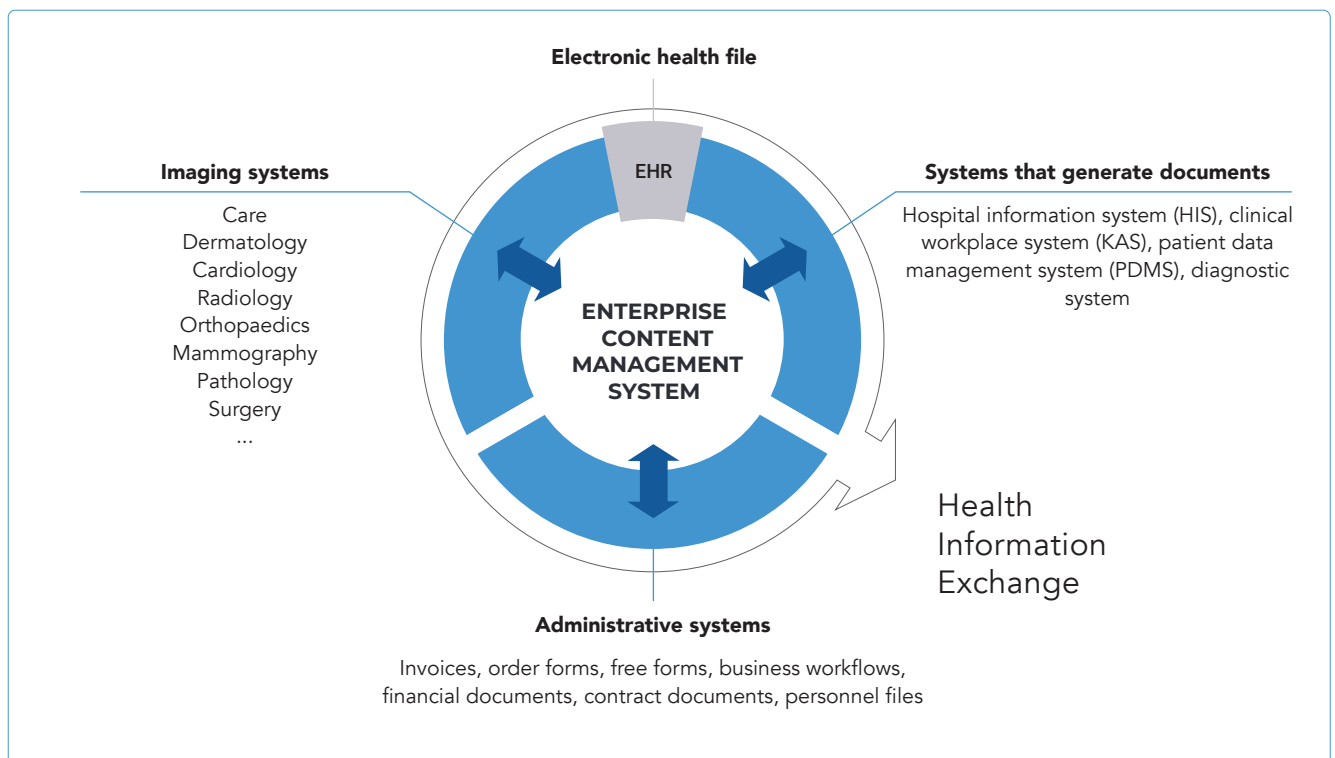
domain. By uniting document repositories, whose content is managed by a document registry, documents can be found and displayed by the document consumer. On this basis, a complete electronic patient file is created within the affinity domain. HYDMedia provides the required IHE XDS profiles and can thus become the central data and document hub within an affinity domain.

Since everything grows together

HYDMedia provides the perfect environment and functionality for collaborative communication in healthcare.

Intersectoral communication and data transmission will determine the future of health care. The electronic data exchange of personal treatment and health data beyond the boundaries of the traditional sectors, such as general practitioners, clinics, aftercare and rehabilitation areas, is an essential prerequisite for optimising the patient's well-being during treatment and accelerating successful recovery.

Through infrastructures approved by the legislator (TI) and the use of standardised encrypted transmission technologies, communication with self-administrations, health/replacement funds, authorities and public health care institutions is simplified and thus saves costs. And HYDMedia provides all the necessary documents and data for this.



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