ownCloud for Healthcare

How to Ensure Secure Data Exchange
in the Healthcare Sector

ownCloud

STORE. SHARE. WORK.

How to Ensure Secure Data Exchange in the Healthcare Sector

Time is a key factor in healthcare. Test results, laboratory data or patient information are usually very extensive and must be exchanged in a fast and secure way.

A major challenge is that this sensitive personal data must be available at all times, but may never fall into the hands of unauthorized third parties. In this case, compliance requirements are particularly high due to the EU GDPR.

This is why hospitals, clinics, doctors' offices, billing centers, medical consultants, physiotherapists and cost centers depend on the use of a certified and data-protection-compliant solution that makes their daily work easier while adhering to the highest security precautions. ownCloud was particularly developed for easy, fast and data protection-compliant data exchange in the healthcare sector.

Security for Your Data

- Client-side encryption: Secure administration, storage and transmission of treatment, health and patient data, laboratory results, MRI files or X-ray images – even from mobile devices

- User management and auditing: full access control at all times

Professional Organization and Communication

- Secure data exchange between doctors, insurance companies, hospitals, laboratories, health funds and medical care centers both nationally and internationally – without file size restrictions

- Encrypted delivery of email attachments with sensitive patient data, e.g. in the case of referrals, makes costly courier services obsolete

A Central Location to Store All Your Data

- A full overview at all times: One central storage location for all (patient) data

- All documents are available anytime and anywhere

- Working on shared data in national and international research projects

Your Advantages: More Performance, Lower Costs

- Save time by digitizing processes

- Reduced load on the Exchange server

- Save on printing, paper, shipping and courier costs

- Security and authenticity thanks to your own branding

People responsible for data exchange in the healthcare sector are strongly advised to take the following aspects into account

If sensitive patient data is made available as part of diagnostic procedures or general processing, the highest data protection requirements apply. While in the USA HIPAA (U.S. Health Insurance Portability and Accountability Act) is very strict in specifying which rules must be adhered to in the healthcare sector in order to protect the confidentiality and integrity of patient data, in Europe the EU General Data Protection Regulation (GDPR) applies. ownCloud meets all the requirements of both HIPAA and GDPR.

Maximum Security Standards for Sensitive Patient Data

Client-side encryption is used for all data that needs to be transmitted, i.e. the data is encrypted directly on the client device, during transmission as well as on the server. This end-to-end encryption guarantees the highest security standard.

ownCloud provides a smart user and rights management, specifically designed to meet the requirements of clinics, hospitals and healthcare companies. It allows you to represent all hierarchical levels including their corresponding access rights.

Closed data rooms are perfect for research projects or for communication that involves personal data. No one can access this data except authorized doctors, nurses or other persons with an appropriate entitlement. Data sovereignty always remains with you. You determine who has access to this information and for how long.

Easy File Access via Desktop Client and Mobile Apps

You can manage, edit or encrypt data at any time and from anywhere using the desktop client, the web client or mobile apps (iOS and Android). The ownCloud Outlook plug-in even allows you to do this directly from within Outlook – effortlessly and fully compliant with data protection regulations.

It does not matter which device you want to use to access ownCloud or which operating system (Windows/Mac) you are using. Even "bulky" data – such as extensive diagnostic findings that require a large file size – can be easily and securely shared in real time.

All ownCloud user interfaces can be branded individually according to your design.

About ownCloud

ownCloud is the market leading open source solution for data exchange worldwide. ownCloud enables users to securely access and share data from any device, anywhere in the world. With more than 200,000 installations and 50 million users, ownCloud provides organizations a modern digital collaborative experience, thereby boosting productivity without compromising on security. At the same time, it gives organizations the visibility and control required to manage sensitive data.

Various organizations and companies in the healthcare and biotechnology sector, hospitals and research organizations already benefit from efficient and secure data exchange via ownCloud.

If you would like to improve the efficiency and security of your data exchange, please contact us!

To get the latest updates, please visit ⊕ https://owncloud.com/newsroom or follow us on Twitter @ownCloud.

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