# gyrotools.
## SOLUTIONS FOR RESEARCH

# agora

**The comprehensive solution for archiving, organizing and accessing all your research data.**

## Your data is valuable.
Your data is the essence of your research and deserves a data management system up to the task. With Agora, data is automatically collected from your MR scanner or easily imported from your web browser with just one click.

## Your data is complete.
Because Agora will store all acquisition parameters including the complete pulse sequence description along with your data, you will be able to find, re-use, and share it in current and future projects and studies.

## Your data is accessible.
Agora lets you view, search, download, or reconstruct your data conveniently in your web browser. Manage ownership and share datasets with your collaborators. Attach documents and comments or build custom-made processing pipelines, all within Agora.

## Your data is secure.
Agora helps you maintain the data integrity and enables truly reproducible data processing. Easily implement and meet your institutional and regulatory security and privacy requirements with Agora.
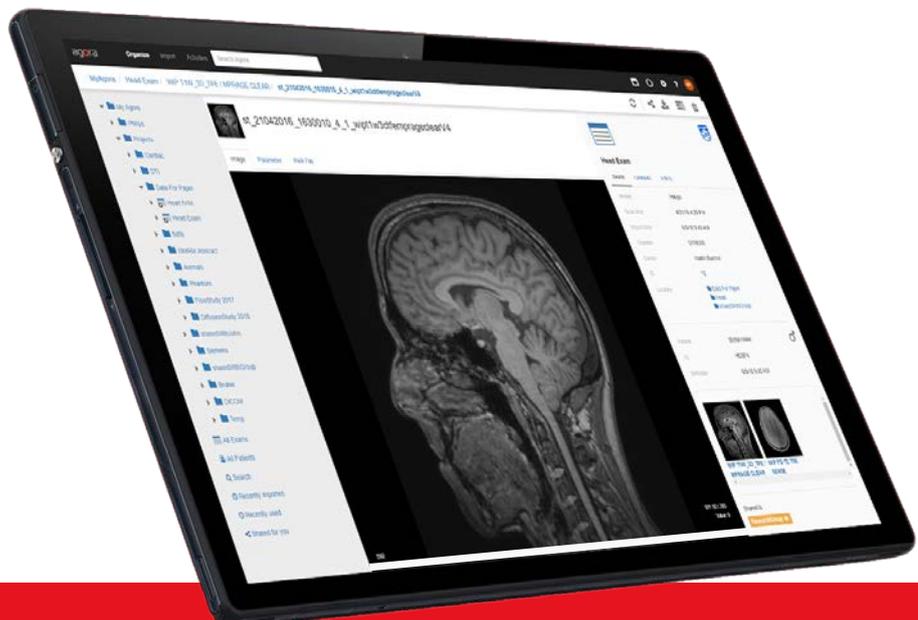
With Agora, you can easily configure an environment that exactly matches then needs of your lab for data organization and accessibility. Connect multiple scanners that will automatically feed raw-, image-, and meta-data to the Agora platform. Your data remains in-house and you can implement or use your own existing data backup solutions. Users access data selectively using a web browser and a personalized account.

## Agora Key Features

**Data**

o  Automated collection and direct transfer of data from the scanner to the Agora server.

o  Supported file formats for metadata collection: DICOM, Philips RAW/LAB, Philips PAR/REC, Siemens Raw, ISMRMRD, Bruker raw & imaging data.

o  Collection and storage of the complete acquisition sequence description and other acquisition-related metadata like log files, scan protocol, graphical viewer file etc.

o  Upload and management of arbitrary files such as pdf, jpeg, office documents, program code listings, and others.

**Access**

o  Powerful filtering and search options on data and metadata within the database.

o  Platform-independent access and image viewing via the web-browser.

o  Python, Matlab, C++ and command-line API's for direct data access within custom written applications and scripts.

**Security**

o  Individual owner and group access rights for each dataset. Secure data sharing across collaborators and teams.

o  Advanced data anonymization according to the DICOM standard at various levels

**Processing**

o  Configurable and scalable task execution engine.

o  Extensible reconstruction and image processing pipelines.