

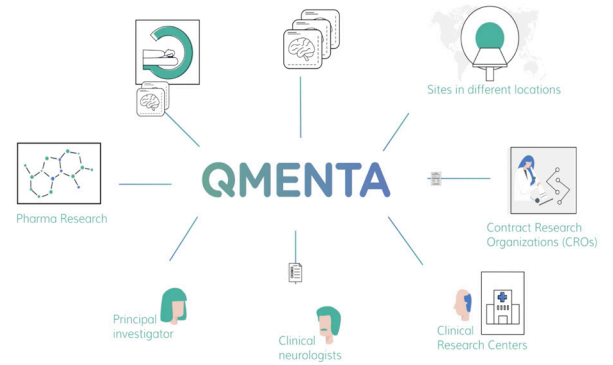
QMENTA

QMENTA offers a **cloud-based neuroimaging platform** that aims to accelerate **the discovery and development** of new treatments for brain diseases.



QMENTA Cloud Platform provides a great opportunity for hospitals, research centers, and pharmaceutical companies to **accelerate** their **R&D workflow** in neuroimaging:

- Dramatically **improve patient selection** for clinical trials with enhanced patient profiling
- Quantitatively track the drug's **efficacy** using objective measures



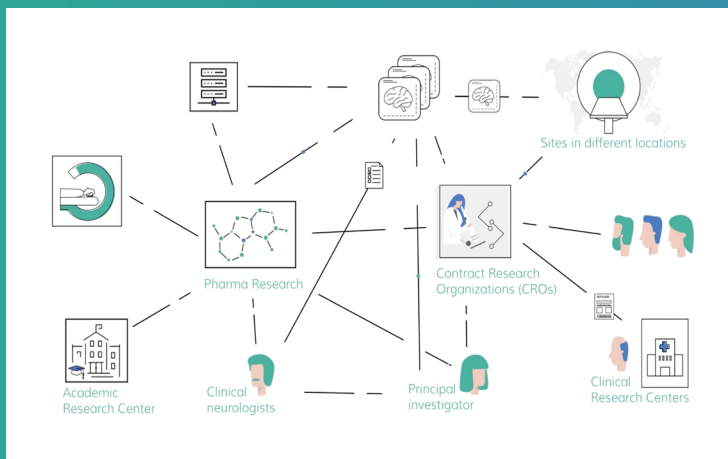
PROBLEMS

Brain diseases affect **33%** of the population in EU & US. Most are still incurable.

MRI scanners produce high volumes of data. Most is **underused** and **qualitatively evaluated** by specialists.

Analysis of images is **slow and time-consuming**. Details are **missed** or not seen. **Computational tools** are needed.

Current solutions are **overly complex, poorly integrated** and not effective or scalable.



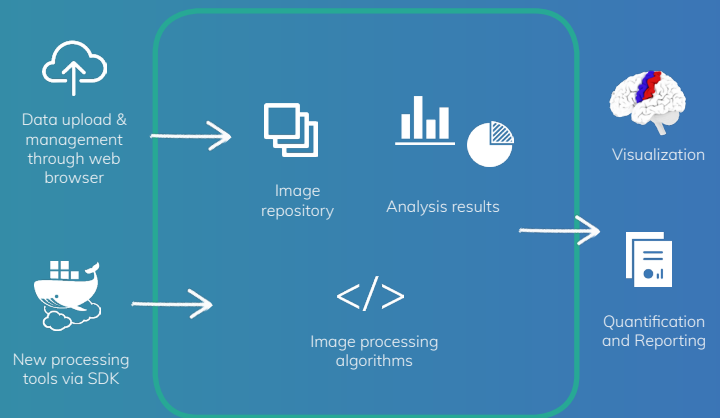
SOLUTION

QMENTA provides a **cutting-edge** cloud platform for **streamlining** the imaging workflow for clinical trials and research.

All-in-one secure and **compliant** solution to store, share, and automatically analyze medical imaging data.

Software Development Kit (SDK) allows to bring, store, and run your own **tools & pipelines** and **share** them with the neuroimaging community.

QMENTA



ALL-IN-ONE CLOUD PLATFORM

Data management

- Secure, HIPAA & FDA compliant cloud platform for data storage, management, and sharing

Data analysis

- Reproducible quantification of brain tissue with common open source and licensed tools in addition to unique and proprietary algorithms

Cost effective

- Unique cloud platform environment, with much reduced costs, less TCO, no upfront costs

Collaboration

- Secure sharing of data and results within teams or with external trial partners to ease collaboration

Advanced statistics

- Ability to graph statistics and clinical scores of the cohort to discover trends & find outliers

SEGMENTS

All-in-one platform for neuroimaging workflow

We use state-of-the-art analytics with MRIs to **quantify** and **measure** changes in the brain and their location such that the development of drugs for brain diseases and the measurement of their efficacy can rely upon **hard data** instead of subjective observations.



Pharmaceutical companies & CROs

Platform responds to the needs of different clinical trials and their requirements with its fully **flexible** and **customizable** infrastructure



Hospitals & Research Organizations

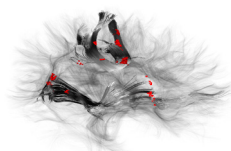
Platform **optimizes** the total **cost** of the project by eliminating the expenses of owning a local IT infrastructure

QMENTA Cloud Platform is used by **international hospitals, research centers and pharmaceutical companies** for research studies or clinical trials.

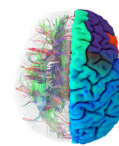
Some of our integrated tools

Alzheimer's and neurodegenerative diseases

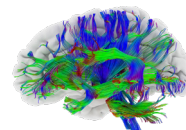
- **Morphometric analysis** with common tools such as FreeSurfer or ANTs
- Automated **lesion segmentation** with optional manual verification / editing in the browser
- **Quantification** of lesion volume and distribution
- **Lesion filling** of anatomical images for improved morphometrics
- Seamless **computation** of multiple subjects with parallel analysis - virtually **unlimited scalability** thanks to our cloud architecture (i.e.: run 1000 analysis in parallel)



Lesion segmentation & Connectivity



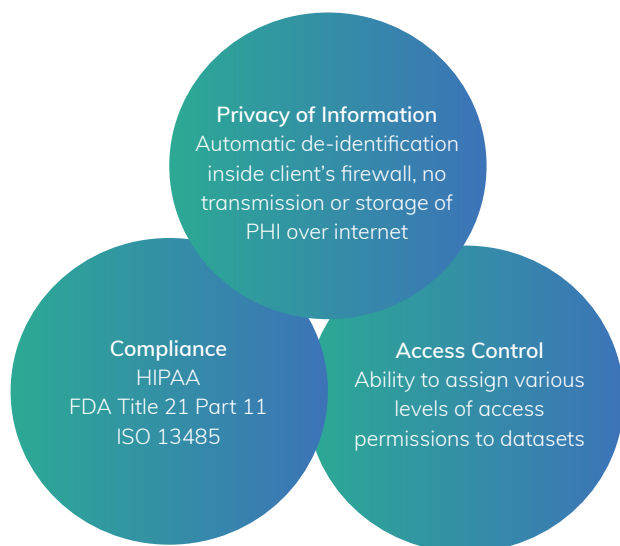
Cortical Volumetry & Cortical Morphology



Tractography & Connectomics

Security & Compliance

QMENTA follows rigorous **frameworks** on data **security, integrity, traceability** and **electronic signature**.



Multi-modal analysis

Combine neuroimaging outputs with other modalities (e.g. PET) and clinical information (e.g. EDSS)

- Easy import of **additional data** including **clinical scores** and analysis results
- **Results export** for further statistics such as second level analysis and group studies
- Support for **multiple time points** per subject for **longitudinal analysis**, enabling the tracking of **disease progression**

Enabling collaboration

QMENTA Platform eases **project management** and **collaboration** for multi-team or multi-center studies

- **Flexible:** Adapts to any organization or structure
- **Customizable:** Adjusts according to any project structure
- **Easy sharing:** Enables secure and fast sharing of data, analysis and results with all research parties
- **Access levels:** Allows different access levels: project admin, collaborator, guest, etc.

Team

QMENTA's team is made of **23 experts** in medical image analysis, visualization, software, and business on a mission to unlock the value of neuroimaging with its advanced cloud platform.

Management



Paulo Rodrigues, PhD
CEO, CTO, Co-Founder
PhD in neuroimaging,
MIT Innovator under 35



Vesna Prchkovska, PhD
COO, Co-Founder
PhD in neuroimaging,
Marie Curie fellow



Landon McKenna
President & CCO
Experienced executive with
strong business acumen

Advisors



Walter Gilbert, PhD
Nobel laureate, Business Angel,
co-founder Biogen



Chris Llewellyn, M.D., PhD
Head of Medical Products &
Global Pharmaceutical Practice
at Top Consulting Company



Michael Fox, M.D., PhD
Assistant Professor of Neurology
at Beth Israel Hospital,
Harvard Medical School

Investors

- VC based in San Francisco
- Business Angels

Partners



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