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MNE Scan: Software for Real-Time Processing of Electrophysiological Data

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Highlights for „MNE Scan: Software for Real-Time Processing of Electrophysiological Data“

- MNE Scan is a new software for acquiring and processing electrophysiological data in real-time.
- This work is a first step in establishing a standardized real-time processing software targeting large parts of the neuroscience community.
- The employed software development cycle considers the requirements needed for clinical software approval processes.
- MNE Scan was tested in multiple real-time scenarios. It is in active use with a new pediatric *Magnetoencephalography (MEG)* system which was already approved by the *Food and Drug Administration (U.S. FDA)*.
- MNE Scan is developed under an open-source license and is freely available as source code or pre-built binaries.

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