

BRAIN QUICK

VideoEEG for Networked Neurophysiology

NEW SERIES



BRAIN QUICK

SystemPlus
EVOLUTION

The 'Real' EEG System

29 38 48 CHANNELS

Network Integration with:

- Single Software Application **SystemPlus EVOLUTION**
- Centralized Software Database - Interface with HIS
- "Push Button" Function for DVD / BluRay Burning
- Remote Control / Review via Network

Ultra Compact SD PLUS Amplifier with: - **NEW**

- 24 bit ADC, Bandwidth DC up to 4,4 KHz
- Sampling Rate up to 16384 Hz/Channels
- 40 Common Ref. Ch., 16 can be Bipolar (**Research**)
- 32 Common Ref. Ch., 8 can be Bipolar (**Flexi**)
- 2 Bipolar Inputs for Evoked Potentials
- 2 Channels for Inductive Belt (**Research**)
- 3 PulseOxymeter Channels (SpO₂, HR, Pulse)
- 1 Marker Channel
- Impedance Quality LED on every Plug, LCD Display

Report Compatible with:

- Microsoft Word®, PDF , HTML Format
- Single Sheet Laser or Ink-Jet Printer
- Speech Recognition with Neurology Vocabulary

Professional Synchronized Digital Video EEG with:

- High Resolution (HD, FullHD - **1080**)
- 25 Frame / Second - Digital Zoom up to 16x
- PTZ Software Control of the Camera

Possibility of Expansion with:

- Maps, Source Localization, Sleep Analysis
- Spike and Seizure Detection
- **MYOQUICK** EP and/or EMG
- ERP with Back-Averaging
- EEG Analyser for On-Line and Off-Line Monitoring

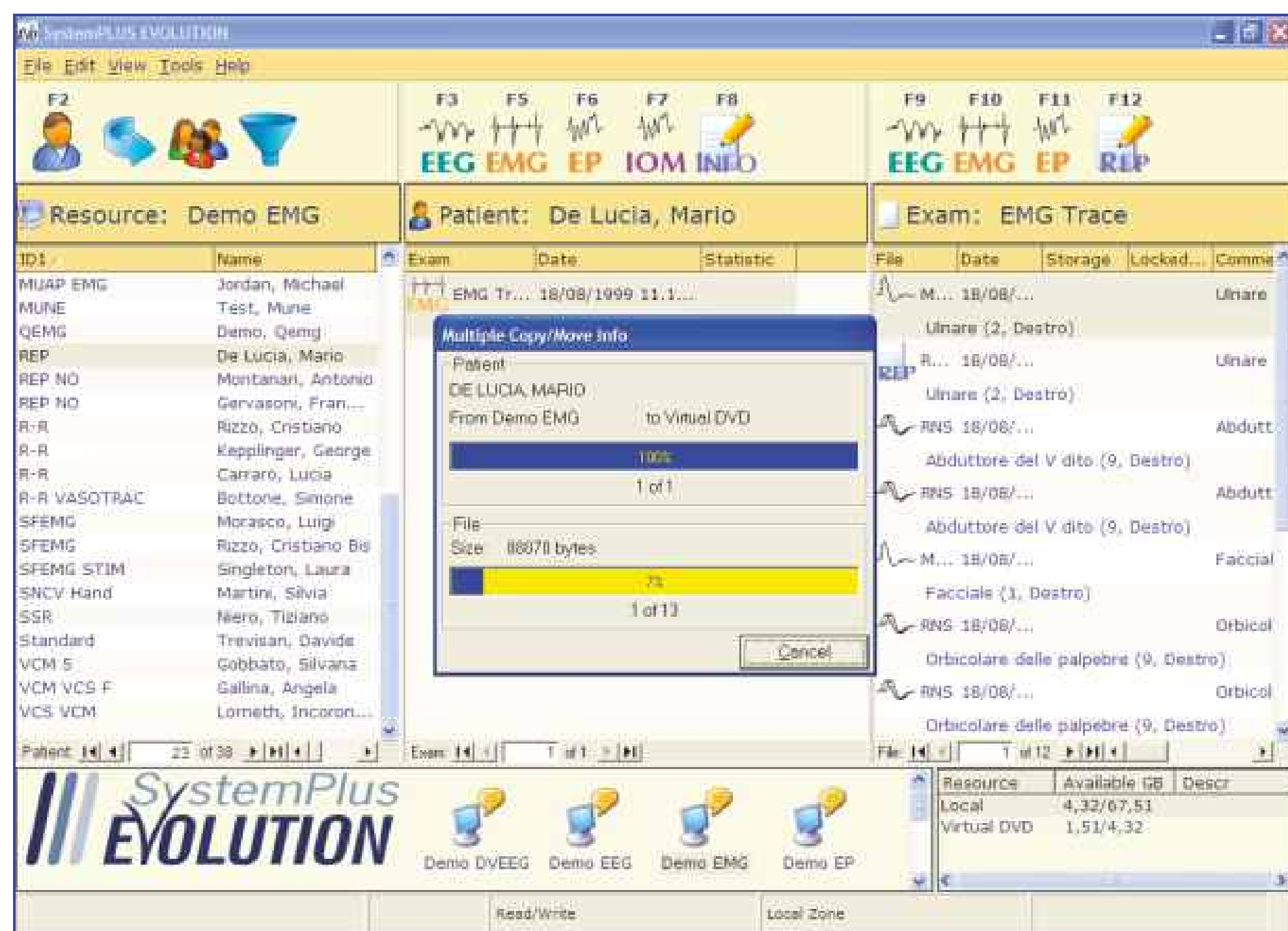
Possibility of Combine with:

- **BRAIN SPY PLUS** - 21 Channel Ambulatory Recorder
- **MORPHEUS** - 34 Channel PSG Ambulatory Recorder

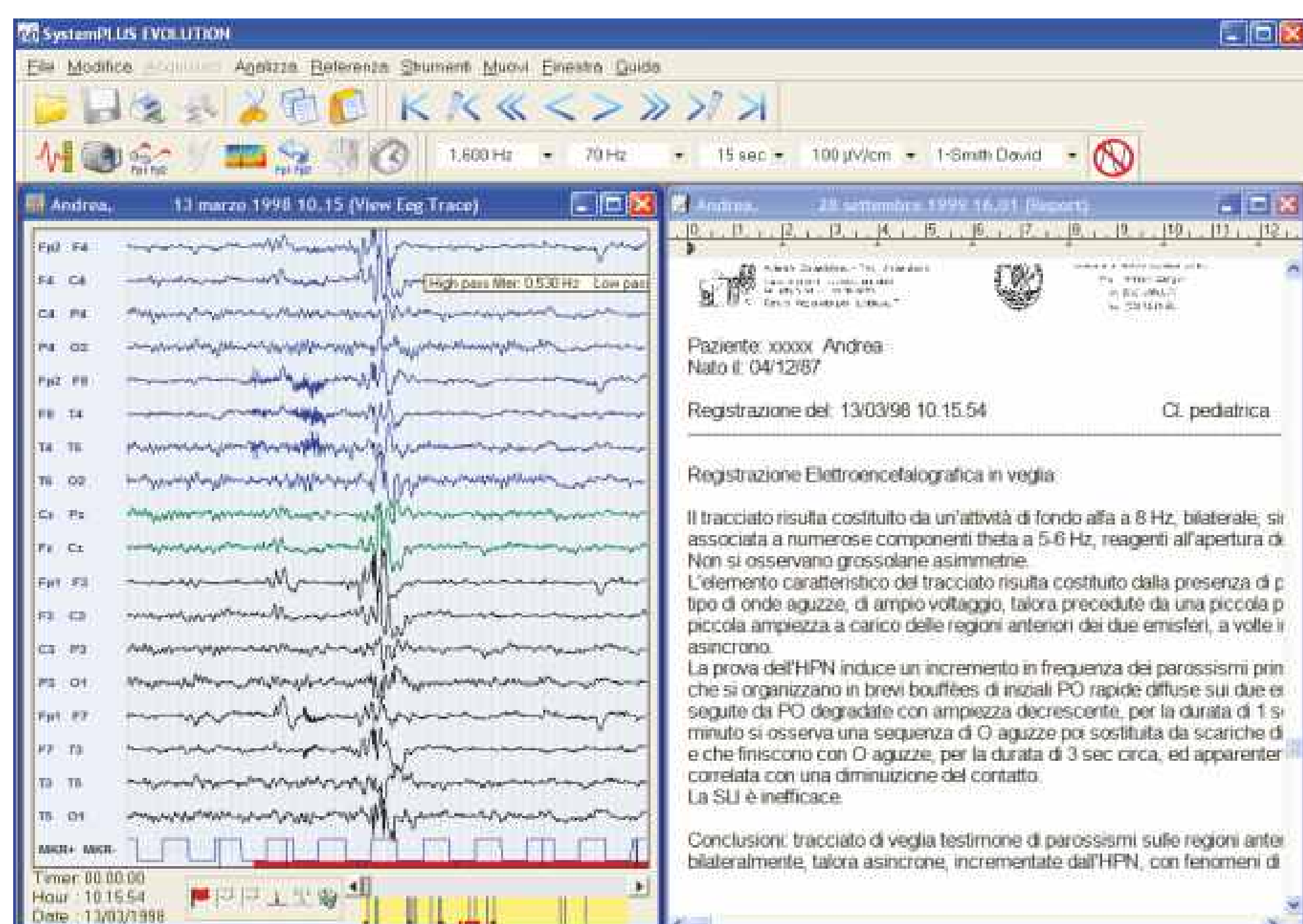
micromed micromed micromed micromed

BRAIN QUICK

The Ideal System for VideoEEG



General Archive, Patient Management and Network Transfer Screen



EEG with Simultaneous Reporting

Open, Flexible, Modular...

SystemPLUS EVOLUTION represents a true reference concept in the field of medical devices since it is designed for expansion and integration. The MICROMED difference is even more: the aspect that distinguishes our approach is the particular feeling to combine customer requests with the availability of new technologies, often producing "brilliant" solutions. Every relationship with the customer is therefore transformed in an opportunity of common growth, where correctness and expertise overlap and constitute real collaborations, making People protagonists and the center of MICROMED attention.

micromed S.p.A.
Via Giotto, 2 - 31021
Mogliano Veneto (Treviso) - Italy
Tel. +39.041.5937000
Fax. +39.041.5937011
e-mail: micromed@micromed.eu
Internet: www.micromed.eu

Distributed by:

**SystemPlus
EVOLUTION**

NOTE: Some of the Listed Features may be Optional

DBQSEV.EN-3.02



BRAIN QUICK: Digital VideoEEG? Much More!

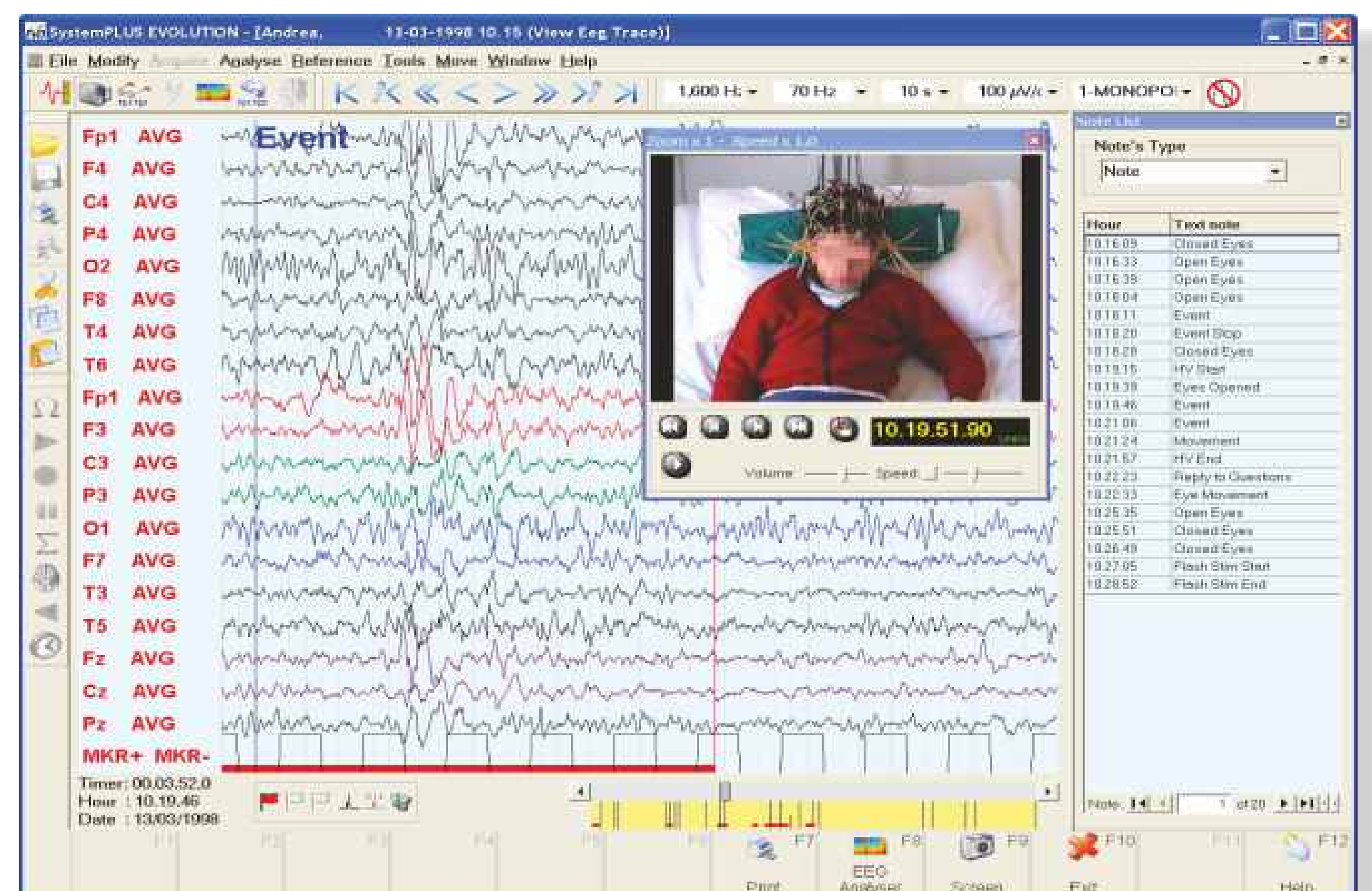
The new range of VideoEEG devices, **BRAIN QUICK** SystemPLUS EVOLUTION, integrates MICROMED's wide experience in neurophysiology diagnostics and in designing acquisition systems that can be handled over the network. SystemPLUS EVOLUTION integrates all types of exams in a single application, such as: Video EEG, PolySomnoGraphy, Electromyography, Evoked Potentials and Intra-Operative Monitoring. The configurations are opened towards external systems and are organized according to the criteria of maximum working flexibility. The single archive and project design guarantee that all standard activities of Acquisition, Review, Analysis, Report and Archive of all exams can be managed in a single unit or on several systems distributed over a network. The adoption of standard formats for network and database allow connection, recognition, query and integration of SystemPLUS EVOLUTION database with external patient database systems. Every workstation of the system can access data, exams and reports of every single patient.

Excellence in EEG from 29 to 256 channels

BRAIN QUICK SystemPLUS EVOLUTION acquisition units are based on the last generation processors and Windows® operating systems. It is possible to select between a wide range of amplifiers: from 29 to 256 channels. Possible applications vary from Brain Death exams to clinical Video EEG, from Polysomnography to LTM - Long Term Monitoring of Epilepsy or Stereo EEG (field in which MICROMED is internationally renowned) or EEG Recording during functional MRI. The Multi-Window structure of the EEG software makes the system extremely open, flexible, and user friendly.

Digital Video EEG: Defining Standard for the Future

BRAIN QUICK SystemPLUS EVOLUTION Video EEG units feature extremely advanced functions, especially useful for both Standard Recording and Long Term EEG Monitoring. The system allows to Review the exam during the acquisition with a double Video window on the Recording station. Other useful features are: the Remote Review, the remote repetition of patient image, the Digital Zoom up to 16x, the Picture in Picture, and the video camera control via network..... and all in FullHD!



Digital Video EEG Synchronized with Event List for Quick Search

micromed micromed micromed micromed