

IFEN Neuropathfinder

What is IFEN Neuropathfinder?

IFEN Neuropathfinder is a sophisticated educational and research platform designed to assist in the interpretation of quantitative electroencephalography (QEEG) data and the selection of evidence-based neurofeedback protocols. The software integrates clinical symptom assessment with brain activity patterns to provide comprehensive analysis and protocol recommendations.

Core Capabilities

IFEN Neuropathfinder offers a robust set of features for analysis and reporting:

- **Multi-Format QEEG Parsing:** Supports QEEG-Pro, NeuroGuide, Swingle, and sLORETA formats.
- **Pattern Detection:** Includes 15+ automated detectors for clinical patterns.
- **Symptom Integration:** Utilizes a 74-item clinical checklist across 7 functional domains.
- **EO/EC Analysis:** Performs comprehensive eyes-open/eyes-closed comparisons.
- **Concordance Analysis:** Provides QEEG-phenotype matching with confidence scoring.
- **Protocol Recommendations:** Access to 2700+ evidence-based neurofeedback protocols.
- **Report Generation:** Creates professional PDF and Word document exports.
- **Multi-Language Support:** Available in English, German, French, Spanish, Portuguese, Italian, and Romanian.

Intended Use

IFEN Neuropathfinder is intended for the following users:

- **Researchers** studying EEG patterns and neurofeedback efficacy.
- **Educators** teaching QEEG interpretation and neurofeedback protocols.
- **Clinicians** using the software as a supplementary educational reference only.
- **Students** learning neurophysiology and brain function.

What Neuropathfinder is NOT

It is critical to understand the limitations of this software:

- ❌ It is **NOT** a medical device.
- ❌ It is **NOT** a diagnostic tool.
- ❌ It is **NOT** a substitute for professional clinical judgment.
- ❌ It is **NOT** FDA/CE approved for clinical use.
- ❌ It is **NOT** a replacement for comprehensive clinical assessment.

System Requirements

To ensure optimal performance, please verify your system meets the following specifications:

- **Browser:** Chrome 90+, Firefox 88+, Safari 14+, or Edge 90+.
- **Internet:** A stable broadband connection is required.
- **Display:** 1280x720 minimum resolution (1920x1080 recommended).
- **File Size:** Maximum 50MB per upload.