

HeartcoR Capabilities

Changing the status quo for clinical trials



Expertise to drive your trials forward:

- 💡 21 CFR part 11 compliance for all analysis and editing
- 💡 Centralized acquisition and analysis of cardiac arrhythmia safety and efficacy data
- 💡 eSource-enabled acquisition and analysis systems hosted within the Amazon AWS ecosystem
- 💡 Mortara instrument and AMPS tools for the acquisition and analysis of ECG waveform
- 💡 Secure hosting for data
- 💡 Distributed, role-based access to eSource data through dedicated tablet computers

The clinical trials environment is evolving, and HeartcoR is challenging the way ECG is acquired and analyzed. Led by technology experts with deep experience in diagnostic cardiology devices and centralized analysis and reporting systems, HeartcoR helps researchers keep pace without getting bogged down in the details. Here's what makes HeartcoR a different kind of core lab:

- **21 CFR Part 11 compliant analysis tools.** HeartcoR has the tools to handle data analysis and editing in the modern clinical landscape. All analysis and editing is done with 21 CFR part 11 compliant tools that make before and after states for each edited record available on demand. Full source data recordings are available for analysis by regulatory agencies.
- **Centralized acquisition of ECG data.** All of the devices HeartcoR uses are integrated into a regulatory-compliant workflow that supports centralized acquisition and analysis of cardiac arrhythmia safety and efficacy data.
- **eSource enabled data collection instruments.** eSource integration of analysis and acquisition tools allows researchers to do away with paper records and collect data with dedicated tablet computers running ECG acquisition software. That integration provides sites with

the means to select up-to-the-minute enrollment and visit data, eliminating data entry and allowing providing customizable reports directly to partner systems.

- **Powerful tools for data acquisition and analysis.**

HeartcoR uses industry-standard Mortara instruments and AMPS tools for the acquisition and analysis of ECGs, providing the highest resolution data and precision tools for the measurement and analysis of ECG waveform.

- **Secure hosting.** By hosting systems within the Amazon Web Services ecosystem, HeartcoR provides capability and scalability while keeping data secure in a centralized database.

- **Distributed, role-based access to data.** With distributed, role-based access to the eSource system, HeartcoR reduces the number of visit data entry points and eases the burden and expense associated with needless data entry.