

# REWARD: An Innovative Solution to EMR Extraction

## RWE Generation via Traditional Studies and Secondary Data Sources May Not Always Be Enough

The need for RWE generation to satisfy a breadth of research questions as well as multiple stakeholder needs continues to grow. While the use of existing databases offers rapid insights, they often lack the clinical precision required to address increasingly sophisticated research questions. Traditional site-based studies offer richer clinical data, but they require manual processes that lengthen timelines and are prone to data entry errors. Technology-driven data collection offers many advantages to traditional methods for capturing data in observational studies. It facilitates extraction directly from the source to minimize data entry errors, thereby reducing the volume of data queries. It also streamlines data collection and cleaning processes, as data are extracted directly into standard formats conducive to analyses and its automation allows for efficient repeat data extractions.

## REWARD: Rapid and Repeatable Access to Robust Data

We have developed a new and innovative solution that allows for chart review-quality research at much greater speed. Our REWARD EMR Network (REal-World Access to Remote Data) uses existing health information exchange (HIE) technology to connect clinical sites' EMR data and pre-enable them for research. It's a streamlined way to access sites' rich EMR data to answer specific research questions faster and more efficiently.

## Quick, Flexible, and Repeatable Access to Detailed, Patient-Level Data



### Streamlined

Increased capture of rich and robust and repeated data and sample size without increased site workload



### Scientific Integrity

Same level of scientific rigor as chart review studies



### Accuracy

Collect data directly from the source to minimize data entry errors and streamline data collection, curation and cleaning process



### Fast

Quicker to patient enrollment and to study completion; allowing for chart review-quality research at much greater speed



### Optimized Delivery

Efficient feasibility, rapid site activation, shorter timeline to final results



### Innovative

Novel method that uses familiar and secure processes



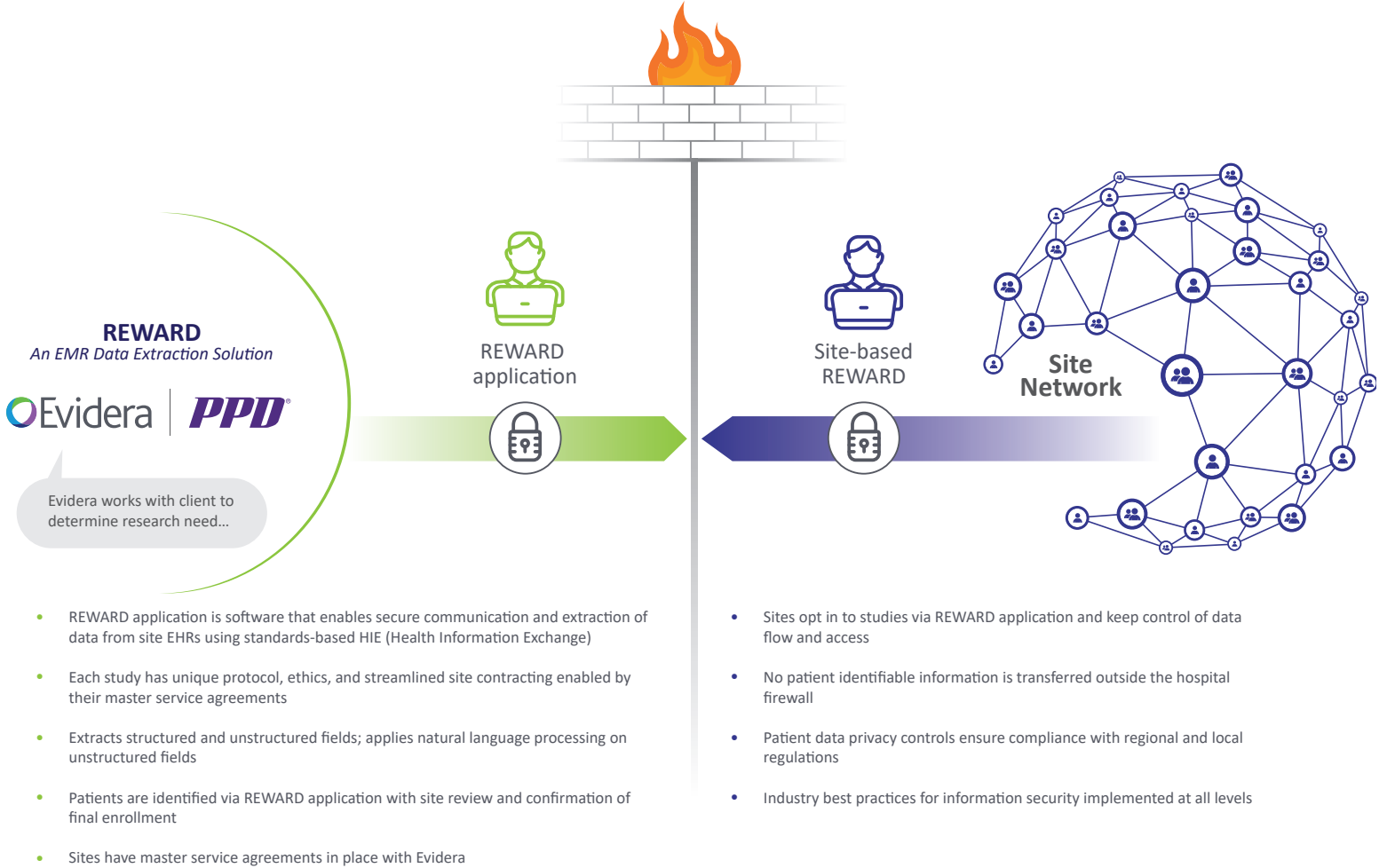
### Agile

Nimble and adaptable patient measurement allows for modifications or extensions to the study without re-programming an EDC or requiring new manual abstraction; enables sponsors to return to established sites for repeat or follow-on studies carried out more rapidly and effectively to enable cost and time savings while ensuring robust/rich data access

# How It Works

## REWARD Application

EMR Brand Interoperable • Enhanced HIE-based Data Exchange • Small Footprint



✓ Pseudonymized data are extracted into standard data formats

✓ Data are analyzed to address pertinent research questions

✓ Data are securely stored following country requirements

## Initiating Ongoing Studies in Different Therapeutic Areas

We're excited about the potential of this offering and we are looking to collaborate and further expand the network as well as confirm results from initial studies. REWARD presents an opportunity to save time on your studies, generate more powerful evidence, and publish research using an approach that is just beginning to take shape.

✓ Chart review studies

✓ Registries

✓ Pragmatic studies

✓ Prospective studies

✓ Virtual trials

Contact [REWARD@evidera.com](mailto:REWARD@evidera.com) to participate in an initial study