REWARD: An EMR Data Extraction Solution

RWE Studies From Sites and Databases May Not Always Be Enough

When responding to health authorities' and payers' real-world evidence (RWE) requirements, sponsors can execute retrospective database studies or prospectives studies, such as clinical site chart reviews. Database studies offer quicker insights, but often lack the clinical precision to address increasingly sophisticated research questions. Site-based studies offer richer data, but they require manual processes that lengthen timelines and drive up cost. Rich patient-level data obtained directly from clinical site EMRs have become increasingly attractive as a source that could rationalize spend and accelerate insights.

REWARD: Obtain Robust Data, Quickly

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 plug into sites' rich EMR data to answer specific research questions faster and more efficiently.

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

Precise
REWARD provides rich chart review-quality data. Once sites are connected to REWARD, we can easily target eligible patients from EMR data during the study planning stages

Effective
Not only does REWARD provide access to rich and flexible data, but the standards-based technology means that new sites can be added specific to your research needs

Innovative
REWARD is a novel method that uses familiar and secure processes

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

Streamlined
De-identified EMR data are pulled directly into the REWARD EMR network, vastly reducing the need for onsite staff and manual processes
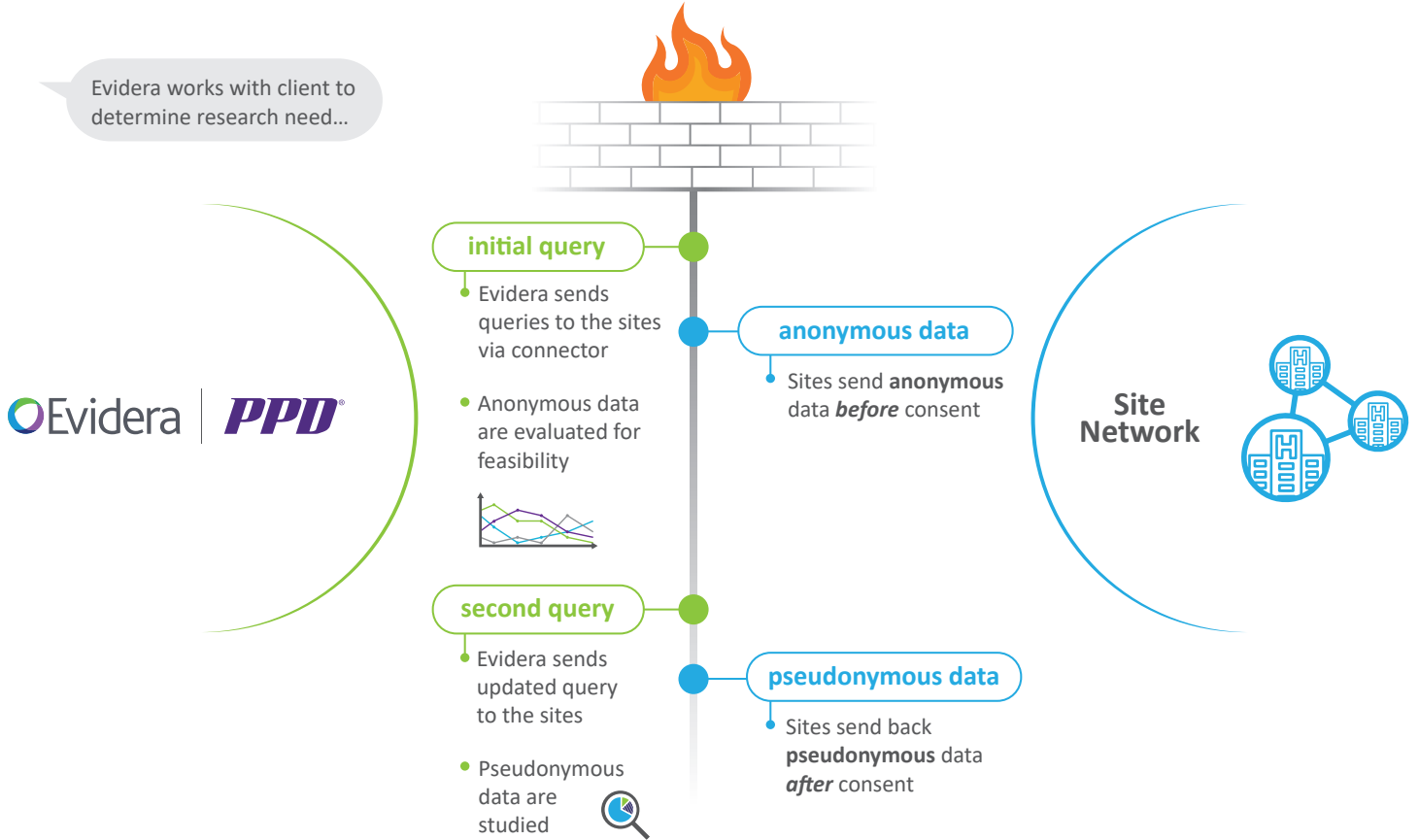
Agile
Nimble and adaptable patient measurement allows for updates, modifications, or extensions to the study without re-programming an EDC or requiring new manual abstraction; REWARD is ideal for repeated-measurement studies like REMS, patient registries, and pragmatic trials

How It Works

Reward EMR Connector
Brand Interoperable • HL7 Data Exchange • Small Footprint

Evidera works with client to determine research need...

Evidera | PPD

Site Network

initial query
- Evidera sends queries to the sites via connector
- Anonymous data are evaluated for feasibility

anonymous data
- Sites send **anonymous** data *before* consent

second query
- Evidera sends updated query to the sites
- Pseudonymous data are studied

pseudonymous data
- Sites send back **pseudonymous** data *after* consent

Pilot Studies are Ongoing in European Solid Tumor Oncology Research

We're excited about the potential of this offering, but we need partners interested in helping grow the site network and confirm results from existing pilot studies. REWARD presents an opportunity to save time on your oncology studies, generate more powerful evidence, and publish research using an approach that is just beginning to take shape.

- ✓ Observational studies
- ✓ Registries
- ✓ Virtual trials
- ✓ Pharmacovigilance
- ✓ Pragmatic studies

Contact info@evidera.com to participate in a pilot study