

REDCap FAQs

Q: Would REDCap be able to handle a large database consisting of thousands of records with thousands of data entry fields?

A: Yes, REDCap is able to accommodate databases of that size and larger, as well as small to medium-size databases.

Q: Once my data is in REDCap, is it secure?

A: Yes, REDCap offers excellent security to protect your data and allows you the flexibility to grant access to your database other REDCap users of your choosing.

Q: How much training is required to use REDCap or REDCap Survey?

A: REDCap training is very minimal and may only require a single meeting with your REDCap administrator. REDCap and REDCap Survey both contain inline videos and tutorial pages to help you along as you learn to use the applications.

Q: Does REDCap or REDCap Survey come with statistical analysis software?

A: While data analysis software does not come included as part of REDCap or REDCap Survey, data may be easily exported from REDCap for analysis (e.g. Apache or IIS) that has the PEAR package installed; 2) a MySQL database server; and 3) an email server that is configured with PHP on your web server (used to send emails from the application).

Q: What third-party software is needed to run REDCap on our servers and also by end-users?

A: For end-users, all that is needed is a web browser (e.g. Internet Explorer, Firefox). On the server side, REDCap requires a very basic infrastructure and can run on various operating systems, such as Windows, Linux, Unix, or Mac. It requires 1) a web server with PHP (e.g. Apache or IIS) that has the PEAR package installed; 2) a MySQL database server; and 3) an email server that is configured with PHP on your web server (used to send emails from the application).

Q: What is the cost of installing REDCap and REDCap SURVEY at my institution?

A: REDCap software and support are available at no charge to institutional partners. ListServ, support, and documentation are provided via ListServ access and consortium-wide Intranet pages.

Q: How does an institution join the REDCap Consortium?

A: Before adding a non-profit institution to the consortium, a valid end-user license agreement between Vanderbilt University and your institution must be executed. For more information on becoming a consortium partner, please contact Dr. Paul Harris at paul.harris@vanderbilt.edu or Ms. Janey Wang at janey.wang@vanderbilt.edu.

Consortium Partners*

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| <ul style="list-style-type: none"> • Case Western Reserve University • Children's Hospital Boston • Children's Hospital Of Philadelphia • Children's National Medical Center • University of Cincinnati/Cincinnati Children's Hospital • The Cleveland Clinic • Columbia University • Cornell University • Duke University • Emory University • Harbor-UCLA Medical Center • Joslin Diabetes Center • Beth Israel Deaconess Medical Center • HealthEast Care System • Indiana University • Johns Hopkins University • KEMRI-Wellcome Trust Research Programme • Kent State University • Mayo Clinic • Medical College of Wisconsin • Medical University of South Carolina • Meharry Medical College • MetroHealth Medical | <ul style="list-style-type: none"> Systems • Michigan State University • Northwestern University • The Ohio State University • Oregon Health & Science University • Partners HealthCare • Rockefeller University • Singapore Clinical Research Institute • Stanford University School of Medicine • Stony Brook University • Tennessee Initiative for Perinatal Quality Care • The Methodist Hospital Research Institute • Tokai University • University of Alabama at Birmingham • University of Alberta • University of Arizona • University of Arkansas at Little Rock • University of Arkansas for Medical Sciences • University of California, Davis • University of California, Irvine • University of California, San Diego • University of Colorado - Denver | <ul style="list-style-type: none"> • University of Connecticut Health Center • The University of Kansas Medical Center • University of Kentucky • University of Louisville • University of Massachusetts Medical School • University of Medicine & Dentistry of New Jersey • University of Miami • University of Minnesota • University of New Mexico • University of North Carolina at Chapel Hill • University of Pennsylvania • University of Puerto Rico • University of Texas at Austin • University of Texas Southwestern Medical Center at Dallas • University of Utah • University of Vermont • University of Virginia • UW Seattle • Vanderbilt University • Virginia Commonwealth University • Washington University School of Medicine • Yale University |
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For more information, contact a REDCap representative
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*List as of November 5, 2009. This list is constantly growing.

Overview

The REDCap Consortium is comprised of 66 active institutional partners from CTSA, GCRC, RCMI and other institutions, and it supports two secure, web-based applications (REDCap and REDCap Survey) designed exclusively to support data capture for research studies. The REDCap application is currently in production use or prototype build-status for more than 980 studies spanning numerous research focus areas across the consortium, and the recently released REDCap Survey application is now being adopted rapidly by consortium partners.

Both REDCap and REDCap Survey provide:

- 1) A streamlined process for rapidly building a database or online survey, respectively
- 2) An intuitive interface for collecting data (with data validation)
- 3) Automated export procedures for seamless data downloads to common statistical packages (SPSS, SAS, R, or STATA)
- 4) Advanced features, such as branching logic, file uploading, and calculated fields; and
- 5) A quick and easy software installation process.



REDCap (Research Electronic Data Capture) is a secure, web-based application designed to support traditional case report form data capture for research studies. REDCap is widely used in the Vanderbilt research enterprise and across a large consortium of institutional partners.

Advantages

- **Secure and web-based** - Input data from anywhere in the world with secure web authentication and data logging
- **Fast and flexible** - Conception to production-level database in less than one day
- **Multi-site access** - REDCap projects can be used by researchers from multiple sites and institutions
- **Autonomous utilization** - Research groups have complete autonomy and control to add new users
- **Export data to common data analysis packages** - Exports raw data and syntax files for SPSS, SAS, R, or STATA
- **Fully customizable** - You are in total control of shaping your database
- **Mid-study modifications** - You may modify the database at any time during the course of your study
- **Advanced features** - Calculated fields and branching/skip logic



REDCap Survey is a powerful tool for building and managing online surveys. You can create and design surveys in your web browser and engage potential respondents using a variety of notification methods. Participant responses may be easily exported to Microsoft Excel or a variety of statistical analysis packages (SPSS, SAS, R, or STATA).

Advantages

- Intuitive web interface for building online surveys quickly
- Secure data hosting and backups
- Export survey results to common data analysis packages
- Easily manage a contact list of potential respondents
- Option to collect responses anonymously
- Save your survey as a PDF
- Advanced question features (auto-validation, branching logic, stop actions)

