

REDCap Town Hall

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Scientific Computing and Data

Icahn School of Medicine at Mount Sinai

December 8th, 2022



Icahn
School of
Medicine at
**Mount
Sinai**

Introduction – Team Members



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Agenda

- ▶ **Introduction to REDCap**
- ▶ **Accomplishments**
- ▶ **Metrics**
- ▶ **Roadmap**
- ▶ **Q&A**

What does REDCap do?

- ▶ **REDCap (Research Electronic Data Capture) is a secure web application for building and managing online surveys and databases**
- ▶ **While REDCap can be used to collect virtually any type of data in any environment including compliance with 21 CFR Part 11, it is specifically geared to support online and offline data capture for research studies and operations**
- ▶ **Dynamic forms with branching logic and calculated fields with multiple users per project**
- ▶ **Can be used for longitudinal studies and randomized clinical trials**

General features of REDCap

- ▶ **Surveys**
- ▶ **Creating forms for data entry**
- ▶ **Longitudinal studies**
- ▶ **Multi-site projects/Data access groups**
- ▶ **Twilio (Send surveys via text and/or voice)**
- ▶ **MyCap (REDCap app)**
- ▶ **E-consent**

Creating a REDCap account

▶ **Mount Sinai Users:**

- Mount Sinai faculty, students and staff can log into REDCap using their regular Mount Sinai username and password here: <https://redcap.mountsinai.org>

▶ **External Users:**

- For external collaborators without Mount Sinai credentials, the PI or their delegate must request Mount Sinai credentials via SailPoint:- <https://sailpoint.mountsinai.org>

REDCap Training Videos now in PEAK

Log in to PEAK with your Mount Sinai Credentials and search for “REDCap” to locate the course:

<https://peak.mountsinai.org>

New REDCap Features coming in 2023 (1 of 2)

▶ **Action Tag:**

- @FORCE-MINMAX - can be used on Textbox fields that have a min or max validation range defined. Participants will only be able to enter a value into the field unless it is within the field's specified validation range.

▶ **Features:**

- **Survey Start Time-** REDCap now collects when participants begin a survey (i.e., the initial time the survey page is opened). Going forward, any responses collected (partial or completed) will have their start time displayed at the top of the data entry form when viewing the response.
- **Multi-Language Management-** : Users can create and configure multiple display languages for their projects for surveys, data entry forms, alerts, survey invitations, etc. Users can design data collection instruments and have them be displayed in any language of their choice and translated so that their survey participants or data entry persons can view the text in their preferred language.

New REDCap Features coming in 2023 (2 of 2)

► Improvements:

- “Social History” is added to CDP (Clinical Data Pull)
- The Define My Events page now displays a new column to display each event's Event ID number
- Stop Actions (for multiple choice fields) and Video Display Format settings (for Descriptive Text fields with videos) are now included in Instrument Zip files when downloading or uploading them for an instrument in the Online Designer.
- When setting up an ASI, the sub-section “When to send invitations AFTER conditions are met” now contains the new drop-down choice "the same day (beginning at midnight) that the automated invitation was triggered" in the sub-option “Send the invitation X days Y hours Z minutes before/after [drop-down]”. This new choice in the drop-down allows users to schedule the invitation based on the day the ASI was triggered and provides greater control and precision with regard to when exactly the invitation will be sent.

E-Consent

- ▶ **E- consent framework (plus auto-archiving) within REDCap allows users to certify they have read and agree to consent by adding the date, name fields and signature. Once completed they will have the option to download the PDF.**
 - The completed consent is also auto archived in the File Repository
- ▶ **It is highly suggested to contact the IRB before e-consenting within REDCap**
- ▶ **From the survey settings, please scroll to the very bottom of the page and select the last option to allow e-consenting within your project:**

The screenshot shows the 'PDF Auto-Archiver' settings in REDCap. On the left, a text box explains that upon survey completion, a compact PDF copy of the survey response will be automatically stored in the project's File Repository. On the right, there are three radio button options: 'Disabled', 'Auto-Archiver enabled', and 'Auto-Archiver + e-Consent Framework'. The third option is selected. Below these options is a section titled 'e-Consent Framework Options' which provides instructions on how to configure the form for e-consent, including fields for name and date of birth. The form configuration includes: 'e-Consent version' set to '1.0', 'First name field' set to 'first_name_part "Participant #"', 'Last name field' set to 'last_name_part "Participant Lx"', 'e-Consent type' set to 'Multiple Signer', and 'Date of birth field' set to 'dob "Date of Birth"'. There is also a note about using a single field for names and a section for optional fields.

Accomplishments

Accomplishments

Feature	Benefit
Town Hall Meetings	Reaching a broader Sinai community about developments in REDCap; two this year
Weekly Digital Concierge Meeting	Conducted every Wednesday 3:30- 4:30 PM; ~6 to 8 attendees per session
Training	Taught two sessions of a hands-on REDCap classroom workshop with 50 students on “Computational Tools for Clinical Research - CLR0501” Session on “Introduction to REDCap User Training” on 12/9/22 REDCap training now available in PEAK: https://peak.mountsinai.org
Advisory Board Meetings	Guidance on upcoming changes; two meetings in 2022

Metrics

REDCap Metrics

As of November 2022	
Total user accounts	18,338
Active* users	6,051
Total projects	10,564
Active* projects	3,777

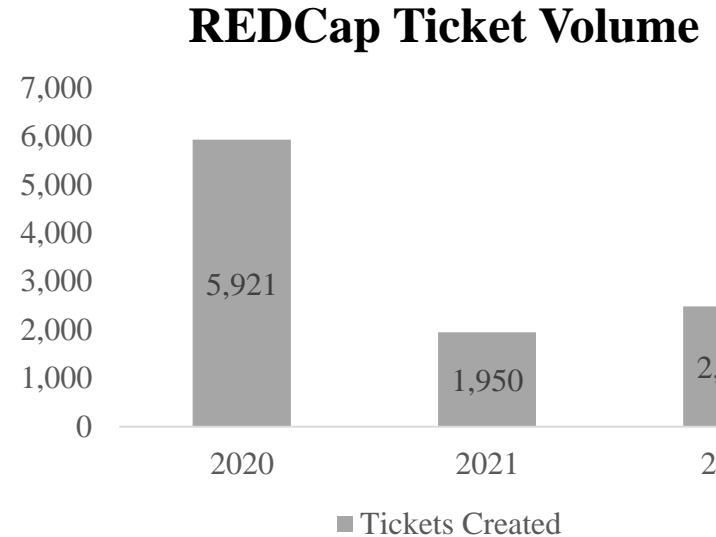
*logged into REDCap in the past 6 months

Active Project By Type:	
Research Projects	51%
Quality Improvement (QI)	23%
Operational Support	20%
Practice	~5%
Other	<1%

User support ticket metrics: 2022 year to date

- ▶ **2,485 REDCap tickets from January - November 2022**

Ticket Breakdown in 2022	
Project specific	21%
General questions	19%
Account and password issues	16%
Review/approve project changes	14%
Move project to production	13%
Billing and licensing questions	10%
Technical support	4%
COVID attestation/EHS	2%
Clinical Data Pull (CDC)	1%



REDCap Billing Policy

REDCap Billing Policy

- ▶ **\$200 per “production” database per year**
 - If your database is not in production, any changes to the database will not be reviewed and you will not be eligible for one on one support
 - Rate is approved by Finance and Compliance on a yearly basis
- ▶ **Automated billing via fund transfer effective as of 5/25/2022**
- ▶ **Custom projects can be created at a fee of \$140 per hour**

This fee is essential to the sustainability of REDCap

REDCap Billing Policy con't.

- ▶ **Production fee for 2023 is subject to change**
 - Please note in 2023 the production fee will be based on actual costs
 - Rate is approved by Finance and Compliance on a yearly basis

REDCap Invoicing

▶ **Current Invoicing Method**

- Project PIs provide fund numbers that are processed as internal transfers
- Hospital accounts initiate their own transfers and provide receipt

▶ **Invoicing Method for 2023**

- Fully automate all invoicing (excluding hospital projects)
- Invoice 2x per year: once in April and then in October

Please note all projects will need to include a valid fund account number and PI (if applicable)

Use this link (<https://redcap.link/nxdsanor>) to update your fund account/PI information at any time

Roadmap

Future Plans

Feature	Benefit
Upgrade REDCap from our current version (11.1.23) to most recent version (12.4.26) released 2022-11-23. Expected by end of Q1 2023	Several bug fixes and improvements New external modules Additional action tags
Automate REDCap payments in Q1 2023	Saves time and efficient, automated

Contact us

To Open a Ticket:

Home About RDS eRAP REDCap Data Ark HADatAc HHEAR

Research Data Services

Empowering research with updated data sets and comprehensive data collection tools.

Announcements

May 25, 2022 - Thank you for attending the Data Ark town hall on May 25! [Click here](#) for the slide deck from the Town Hall presentation.

May 27, 2022 - Thank you for attending the eRAP Town Hall on May 26! [Click here](#) for the slide deck from the Town Hall presentation.

May 12, 2022 - REDCap Town Hall will be on Thursday, May 26, at 12:00 PM. [Click here](#) to register. Event details provided following registration.

April 19, 2022 - A self-paced REDCap application training module is now available in PEAK! Log in to PEAK and search "RED Cap" to find the introductory application training.



Tickets

The best way to ask a question, open an issue, or make a report is by submitting a ticket to your service.

efRAP Service Desk REDCap Service Desk HHEAR Service Desk

Contact Data Ark Support Contact HADatAc Support

Scientific Computing

REDCap Service Desk

Welcome! You can raise a REDCap Service Desk request from the options provided.

What do you need help with?

Search

Account/Password/Login
Need help logging in? Select this to request assistance.

REDCap Epic CDP Data Request

Move to Production
Move a Development Project to Production

Other Questions
Other Questions

<https://redcap.mountsinai.org>

REDCap Office Hours: Digital Concierge

- ▶ **212 REDCap attendees as of November 2022**
- ▶ **Every Wednesday from 3:30-4:30 PM**
- ▶ **First come, first served**

<https://zoom.us/my/digitalconcierge>

Q&A

Thank you!!



<https://redcap.mountsinai.org>

