REDCap for Surveys

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- Describe HART services and REDCap at Carilion
- Utilize REDCap to generate surveys and questionnaires
- Request REDCap service



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HART

- Health Analytics Research Team
- Formed last quarter 2016
- Our mission: Provide quality supports to research and studies
- Our service:
 - Extract medical information from EPIC for research purpose
 - Deliver statistics analysis
 - Advice on study designs
 - Provide scientific inputs
 - Support applications: REDCap, etc



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REDCap

- Research Electronic Data Capture
- Secure, web-based application for managing and collection of research data
- Origin: Vanderbilt University, 2004
- >2000 institutions, >100 countries

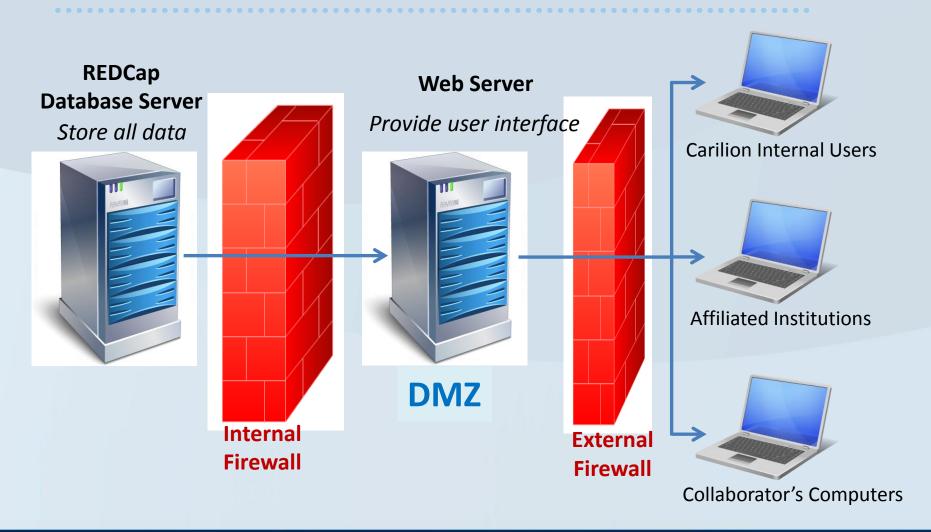


REDCap at Carilion

- Go-live at Carilion 3/1/2017
- Open to Research, QA/QI
- Installed and maintained by HART team
- Free of charge

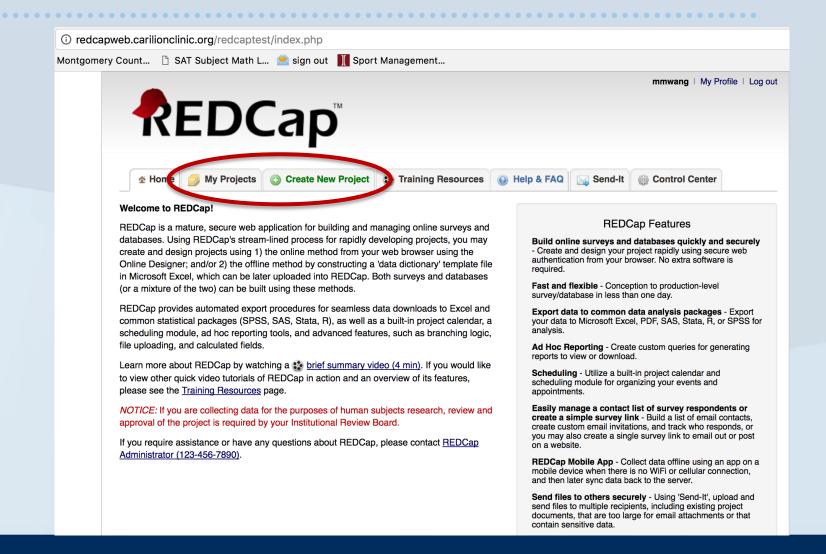


Carilion REDCap Infrastructure





REDCap





Project Types

- Survey
 - Forms to collect data from respondents, typically via emailed links
- Traditional project
 - Data entry forms for consistent data collection
- Longitudinal Study
 - Data gathered for the same subjects over time
- Combination of the above



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REDCap Survey Example 1

The	following qualities are important in	n my supervisor:				
		Extremely Important	Very Important	Somewhat Important	Slightly Important	Not Important a
1)	BELIEVABLE	0	0	0	0	0
2)	APPROACHABLE	0	0	0	0	rese
3)	HONEST	0	0	0	0	© rese
4)	SUCCESSFUL	0	0	0	0	rese
5)	QUALIFIED	0	0	0	0	reset
Plea	ase let us know your weekly schedu	ule for the followin	ng: Tuesday	Wednesday	Thursday	Friday
6)	Gym (Weight Training)					
				-		
7)	Aerobics					
7) B)	Aerobics Eat Out (Dinner/Lunch)					



REDCap Survey Example 2

O No			
O. I			reset
○ True	○ False		manut
			reset
	To	day Y-M	-D
			Upload document
	the N	- C.	Right-hand label
slider	ACCUMENT OF	MOGI	uner
	You can prolabels above	You can provide labels above the	True False Today Y-M You can provide labels above the label



Distribution Methods

- Email invite
- Anonymous survey link
- Embed survey on website
- QR code
- Print



Survey Results



Descriptive

 Export to Excel, R,
 SAS, SPSS, Stata for further analysis



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REDCap Request

- Contact R & D
- Contact HART (email, call, talk...)
- Submit Edison Request

https://edison.carilionclinic.org



HART Service on Surveys

- Work with you on questions design
- Convert your questionnaires into REDCap forms
- Test run
- Send survey out
- Collect results and analyze





for Survey



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