REDCap & OnSSI
Overview

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Purpose of REDCap & OnSSI

- REDCap is used for Research
- Used for: HIPAA, PHI, FERPA, and other sensitive data
- OnSSI (Ocularis) is used for Academic and Clinical Proctoring
- Used for: HIPAA and PHI recordings
Approved Enterprise Systems

• REDCap:
  • Enterprise research system
  • The only HIPAA and PHI research tool approved by the IRB
  • Approved by the CIS Committee
  • Approved by the Registrar

• OnSSI Ocularis:
  • Enterprise video management system
  • The only HIPAA and PHI video management system approved on campus
  • Approved by the CIS Committee
18 PHI Identifiers

- Names
- All geographic subdivisions smaller than a state (street address, city, county, precinct, zip code)
- All elements (except year) for dates directly related to an individual (birthdate, admission date, discharge date, date of death)
- Telephone numbers
- Fax numbers
- Email addresses
- Social Security numbers (Not allowed in REDCap)
- Medical Record numbers
- Health Plan beneficiary numbers
- Account numbers
- Certificate/License numbers
- Vehicle identifier & serial numbers, including license plate
- Device identifier & serial numbers
- URLs
- IP address numbers
- Biometric identifiers, including finger and voiceprints
- Full-face photographic images and any comparable images
- Any other unique identifying number, characteristic, or code that could identify the individual
What is REDCap?

• REDCap (Research Electronic Data Capture) is a secure, HIPAA and FERPA compliant, web-based application for building and managing online surveys and databases. Vanderbilt University developed REDCap and the software and support is available at no charge to institutional partners: ECU is a member of the REDCap Consortium.

• ECU houses REDCap (the database and servers), which means that all the data is secure within ECU’s IT infrastructure.

• Multimedia & Technology Services (MTS) administers the REDCap software. This software can be used for research, operational, and quality improvement studies with the appropriate approvals.
Some REDCap Facts

THEN

2004: Developed at Vanderbilt University
2006: Global consortium started
2014: REDCAP comes to ECU
2016: REDCAP support to MTS & ECU active in the REDCap consortium

NOW

Worldwide:
+2811 institutions /119 countries
+534,000 projects
+706,000 users

East Carolina University:
+ 147 projects
+ 300 users

Map of REDCap Consortium Partners
What are the advantages?

Accessible
- Web-based access (on and off campus)
- Access for multi-site collaborations

Customizable
- Fast and flexible to design
- Modifications at anytime

Accurate
- Ensures consistent and accurate data entry
- Data quality checks to look for errors
What are the advantages?—cont.

Free
- Training
- Designer services (form and report design)
- Support

Secure
- User authentication against active directory/LDAP
- Local data center storage, nightly backups.
- Audit trails and logging

REDCap Team
- Demo of REDCap
- Need more information?
- Contact our team at REDCap@ecu.edu
How do I get REDCap approval?

If your Research contains:

• Human subjects—IRB Office
• FERPA data—Registrar’s office
• Quality Improvement study—Department Chair
• Operational/Sensitive Data—Approved on a case by case basis

• No Social Security Numbers allowed in REDCap!
REDCap Numbers

- Over 300 users
- 147 projects
- 1,444 data collection instruments
- 100,980 fields on all data collection instruments
- 16,524 records
- 12,708 survey responses
- 19,193 logged events in the past 30 days
REDCap Training

• Monthly training sessions on the Health Sciences Campus
• Schedule in Cornerstone
  • Basic
  • Intermediate (In progress)
  • Advanced (upon request)
• WebEx classes
• User Guides are also available
REDCap Form & Report Design

• Design data collection instruments
• Design surveys
• Create templates
• Provide advanced support
• Develop data dictionaries
• Branching logic and calculations

• Create reports
• Export report to statistical applications
What is OnSSI?

• OnSSI (On-net Surveillance Systems, Inc.) Ocularis is a Video Management Software (VMS) solution that provides up-to-date recording options and encrypted data storage. It is the enterprise recording solution that manages audio/video recordings for HIPAA, PHI, academic and clinical proctoring.

• ECU houses OnSSI (the servers, cameras, and the database), all the data is secure on its own VLAN within ECU’s IT infrastructure.

• Multimedia & Technology Services (MTS) administers the OnSSI software. Only authorized users have access to Ocularis.
What are the advantages?

**Free**
- Training
- Site design & configuration services
- Support by OnSSI certified staff

**Secure**
- User authentication against active directory/LDAP
- Local data center storage, nightly backups.
- Audit trails and logging

**OnSSI Team**
- Demo of Ocularis
- Need more information?
- Contact our team at OnSSITeam@ecu.edu
Academic Proctoring

• Ocularis is used in all ECU Testing Centers
• Used to monitor students and maintain testing integrity
• Recordings can be exported in a secure format, encrypted, and password protected to verify testing integrity
Clinical Proctoring

• Used to observe doctor/patient interactions
• Used for student counseling interactions
• Used in Practicum courses as part of the clinical skills process
• Used for student clinician/patient interactions
Ocularis Numbers

- 13 sites
- 388 users
- Over 200 cameras
- Over 4,054 recordings