CIIS Background

- CIIS Milestones
  - 1996 CDC 5-year grant (local databases live at 13 sites)
  - 1999 site specific databases combined into regional database
  - 2001 became web-based SQL server database
  - 2011 registry platform replacement (WebIZ)
- Statewide model of work
  - 8.5 FTEs – each staff has a unique role

Current Tracking Methods

Provider Management

- Letter of Agreement and Clinic Contact Info – Manual
- Contact Management - SPIDR

Interface Project Management, On-boarding, and Meaningful Use

- Message format – message review and feedback manual process
- All tracking/management done with Google Drive spreadsheets
  - Data Exchange
    - Interface Wait List
    - In Progress Interface Status
    - Data Validation Tracking
    - Completed Sites
  - Meaningful Use
    - Stage 2 MU ROI

CIIS – AMCI Partnership

- IIS Outreach Management System (OMS) Module:
  - Provider and vendor contact information management
- Immunization Data Exchange (IDx) Module:
  - Self-serve, automated HL7 Testing tool and onboarding support
- Meaningful Use Public Health Reporting Module:
  - MU2 tracking for Public Health Reporting Objectives
- Support Ticketing System (STS) Module:
  - CIIS Help Desk tracking and documenting resolutions

AMCI Health Informatics

CDPHE CO COLORADO Department of Public Health & Environment

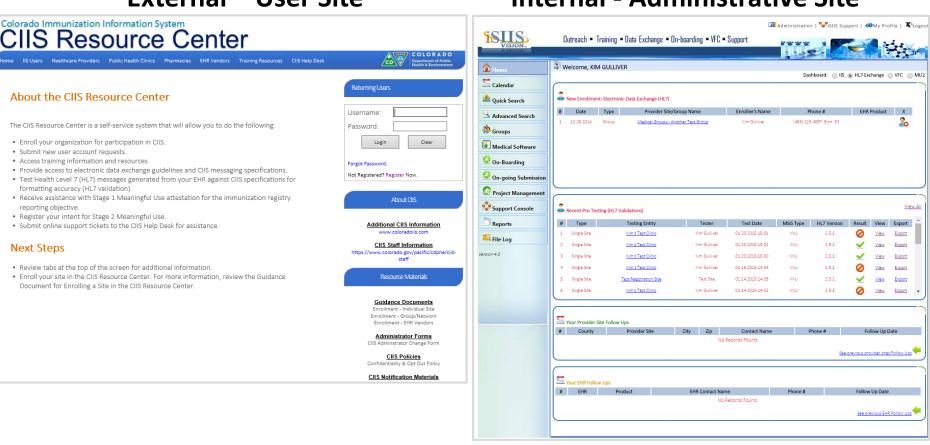# Database Comparison
External vs. Internal Sites

CIIS Resource Center
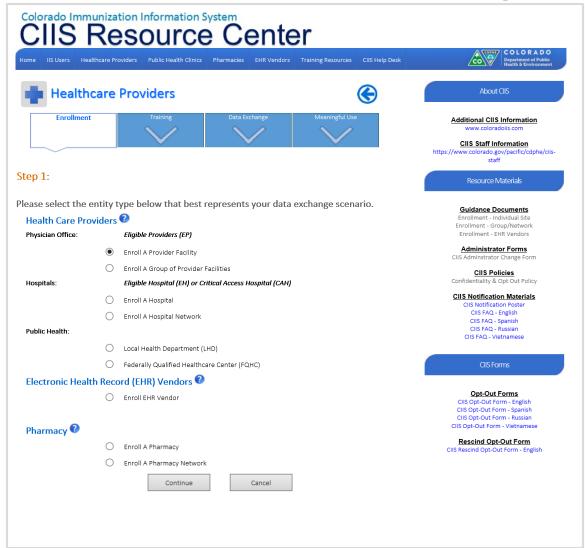
CIIS Staff

External – User Site

Internal - Administrative Site

CIIS Resource Center Provider Registration

Site Registration
— Physician Office
— Hospital
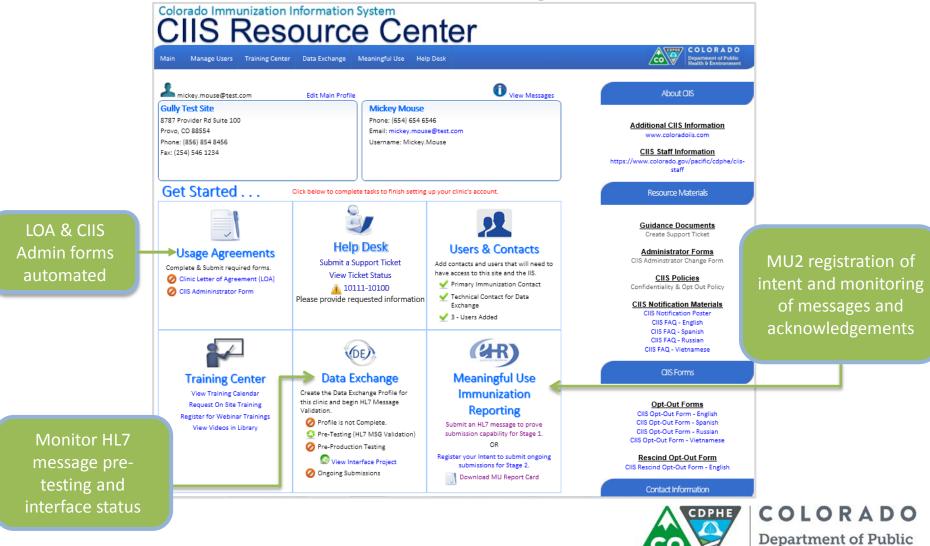— Local Health Department
— Pharmacy
— EHR Vendor

Group/Network Registration
— Provider Group
— Hospital Network
— Pharmacy Network

CIIS Resource Center
Main Page

Colorado Immunization Information System
CIIS Resource Center

Main | Manage Users | Training Center | Data Exchange | Meaningful Use | Help Desk

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mickey.mouse@test.com   Edit Main Profile   View Messages

Gully Test Site
8787 Provider Rd Suite 100
Provo, CO 88554
Phone: (856) 854 8456
Fax: (254) 546 1234

Mickey Mouse
Phone: (654) 654 6546
Email: mickey.mouse@test.com
Username: Mickey.Mouse

About CIIS

Additional CIIS Information
www.coloradoiis.com

CIIS Staff Information
https://www.colorado.gov/pacific/cdphe/ciis-staff

Get Started . . .   Click below to complete tasks to finish setting up your clinic's account.

Usage Agreements
Complete & Submit required forms.
🚫 Clinic Letter of Agreement (LOA)
🚫 CIIS Admininstrator Form

Help Desk
Submit a Support Ticket
View Ticket Status
⚠️ 10111-10100
Please provide requested information

Users & Contacts
Add contacts and users that will need to have access to this site and the IIS.
✔️ Primary Immunization Contact
✔️ Technical Contact for Data Exchange
✔️ 3 - Users Added

Resource Materials

Guidance Documents
Create Support Ticket

Administrator Forms
CIIS Adminstrator Change Form

CIIS Policies
Confidentiality & Opt Out Policy

CIIS Notification Materials
CIIS Notification Poster
CIIS FAQ - English
CIIS FAQ - Spanish
CIIS FAQ - Russian
CIIS FAQ - Vietnamese

Training Center
View Training Calendar
Request On Site Training
Register for Webinar Trainings
View Videos in Library

Data Exchange
Create the Data Exchange Profile for this clinic and begin HL7 Message Validation.
🚫 Profile is not Complete.
🔄 Pre-Testing (HL7 MSG Validation)
🚫 Pre-Production Testing
🌐 View Interface Project
🚫 Ongoing Submissions

Meaningful Use Immunization Reporting
Submit an HL7 message to prove submission capability for Stage 1.
OR
Register your Intent to submit ongoing submissions for Stage 2.
📄 Download MU Report Card

CIIS Forms

Opt-Out Forms
CIIS Opt-Out Form - English
CIIS Opt-Out Form - Spanish
CIIS Opt-Out Form - Russian
CIIS Opt-Out Form - Vietnamese

Rescind Opt-Out Form
CIIS Rescind Opt-Out Form - English

Contact Information

LOA & CIIS Admin forms automated

MU2 registration of intent and monitoring of messages and acknowledgements

Monitor HL7 message pre-testing and interface status

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iSIIS Vision
Provider Management

Ability to view/edit clinic information

Quick access to updates and CIIS staff notes

iSIIS Vision
Manage Contacts

Able to manage all site contacts. Edited by CIIS staff or through CRC

Outreach ▪ Training ▪ Data Exchange ▪ On-boarding ▪ VFC ▪ Support

| ...S | VFC | Data Exchange | Suppor | **Manage Contacts** | Comments | View/Submit Forms | Dashboard | Shipping/VTrcks |

...tie Contacts for >> Demo

Provider Site Information

Site Name	Address	County
Demo	1234 Exempla Dr , denver, CO 80246	DENVER
CIIS Manner of Usage	**Phone #**	**Fax #**
Direct Data Entry	(123) 456 7891	(987) 654 3219

Groups

Medical Software

On-Boarding

On-going Submission

Project Management

Support Console

Reports

File Log

Version 4.0

🔐 Primary Contacts

#	Name	CIIS UserID	Email Address	Phone Number	CIIS User?	User PIN	IDx Profile	X
1	Vanessa Willis		nessanae@hotmail.com	(123) 456 7891	Yes	11280	IDx Profile	✖

👥 CIIS Users

#	Name	CIIS UserID	Email Address	Phone Number	Employee Type	User PIN	IDx Profile	X
1	Jane Doe		nessanae@hotmail.com	(123) 456 7891	Nurse (RN)	BF46F	Idx Profile	✖
2	Joe John		joejohn@demo.com	(456) 789 1234		3B391	NA	✖
3	test1 user		test1user@demo.com	(456) 789 1234		566D5	NA	✖

👥 Technical Contacts

#	Name	CIIS UserID	Email Address	Phone Number	Employee Type	User PIN	IDx Profile	X
1	test1 user		test1user@demo.com	(456) 789 1234		566D5	NA	✖

👥 Other Contacts

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CIIS Resource Center
HL7 Message Validation Tool

iSIIS Vision
Data Exchange

iSIIS Vision
Data Exchange

Easy access to starting new on-boarding projects

Quick view of on-boarding and HL7 pre-testing status

iSIIS Vision
On-Boarding Project Management

Quick glance status update for interface, MU and contact information

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3097 - Demo Group Physicians - Immunization
Children''s Clinic Of Demo County 🔷

Clinic ID: 762   **Location:** 1604 Industrial Park Dr , Paola KS 66071   **Phone:** (555) 557 2482   **Primary:** Teresa Demo (555) 557 2482

Data Validation ⚙

⚠ **Action Request Pending**

Validation Round: 1
Records Received: 10
Records Reviewed: 10   100%
Passed: 2
Failed: 8
Rate: 20%

Barb Tester
(555) 557 - 2482

Messaging Profile ⚙

EHR: ACOM Health - RAPID - 7.1

👤 **Sally Vendor**
(555) 738-7292

HL7 Version: 2.5.1

✔ **VXU Validation:** 12/4/2014 ℹ
      Current: 10 of 10
      Historical: 5 of 5
⊘ **QBP Validation:**

👤 **Brian Tester**
(555) 738-8286

Data Exchange ⚙

Sending ID:
Mode of Connectivity: Web Service/SOAP
Connectivity Status: Established
Environment: Test
Dx Type: Synchronous Single Message

✔ **HIE Participation:** TestHIE

⊘ **IDNs Association:**

👤 **Bonny J. Conector**
(555) 555 - 2111 x. 3

Meaningful Use ⚙

MU Designation: Eligible Provider
EP Count: 10
MU Stage: 2
Reporting Periods:
✔ **Medicaid:** Oct 1 - Dec 31, 2014
⊘ **Medicare** [   ]
MU Status: On-boarding
⚠ Action Request Pending - 20 days

👤 **Barb Tester**
(555) 557 - 2482

Activity >>

All | Validation Log | Action Requests | Task History | Events | 📅 ✉ ✏ ⚙ 🔍

#	✏	Contact Name	Contact Date	Contacted By	Type of Contact	Purpose	✖
1			12 29 2014	AMCI	Email	Data Exchange - Data Validation	✖
Activity: 2 out of 10 records passed							
2			12 29 2014	AMCI	Email	Data Exchange - Data Validation	✖
Activity: We have received the records for round 1 record validation							
3			12 29 2014	AMCI	Email	Data Exchange - Data Validation	✖
Activity: We have received the records for round 1 record validation							

Attachments

test2.pdf

Comments 💬

SUPPORT ISIIS   12/19/2014
Let's get it done

SUPPORT ISIIS   11/17/2014
this is for you

SUPPORT ISIIS   10/30/2014
Do the work

CIIS staff can track communications, tasks, and specific information related to project

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iSIIS Vision
Meaningful Use Module

Quick status update for:
- MU2 Registration of Intent
- Ongoing submissions
- HL7 MessageTesting
- Awaiting invite to onboard
- Non-responsiveness

iSIIS Vision
Meaningful Use Module

One-click generated MU acknowledgement letters

[-] MU2 Current Status: ♻ PreTest- In Progress

<< view stage 1		Stage 2 Meaningful Use Status			view stage 3 >>
MU POC: Mallory Meaningful (555) 566 6666 Extn. 123			Messaging		
Current Status	♻	PreTest- In Progress	Current Status		On-Boarding Invite Sent
Contracts/Agreements	⊘	Not Submitted	MU2 Reg Notification	⊘	Not Sent	Send
Intent Registered	✔	06/27/2014	Reg Confirmation	✔	10/12/2014	View
Pre-Testing	♻	10/12/2014	On-Board Invite	✔	12/24/2014	View
Connected?	⊘	Not Connected	Invite Reponse	⊘	Not Received	N/A
Pre-Prod Testing	⊘	Not Complete	Non-Responsive 1	⊘	Not Sent	View
Ongoing Submissions	⊘	Not Submitting	Non-Responsive 2	⊘	Not Sent	View

BACK   ADD ACTIVITY   SAVE   CANCEL

Weekly, system generated email noting non-responsive sites

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CIIS Resource Center
Online MU Report Card

MU2 Report Card for attestation

Quick glance of status

Resource Center

| Main | Manage Users | Training Center | Data Exchange | Meaningful Use | Help Desk |

Immunization Registry Data Submission

Objective

Capability to submit electronic data to immunization registries or immunization information management systems except where prohibited, and in accordance with applicable law and practice.

Measure

Successful ongoing submissions of electronic immunization data to from CEHRT to an immunization registry or immunization information management system for the entire EHR reporting period.

Stage 2 Meaningful Use Report

Colorado Immunization Information System   Report Date: 01/29/2015

Health Care Provider:		Gully Test Site
Location:		8787 Provider Rd Suite 100, Provo CO 88554
Entity Type:		EP
Reporting Period:		10/01/2014
Registered Intent Date:	✓	11/04/2014
Invitation from PHA Date:	✓	11/04/2014
Ongoing Submission Start Date:	⊘	Not Submitting
MU2 Current Status:	↻	

Registration of intent to initiate ongoing submission was made by the deadline and the Provider is still engaged in testing and validation.

| Print Web Form | Print PDF |

MU Attestation Status

Download MU Report Card

	Stage 1
✓	Proven Submission Capability
	Stage 2
⊘	Create Profile
⊘	Letter of Agreement Submitted
✓	Registered Intent
↻	Pre-Testing (HL7 MSG Validation)
⊘	Connected?
⊘	Pre-Production Testing
⊘	Ongoing Submissions

Messaging and Acknowledgments

Click to Download

Registration Confirmation

Testing & Validation

Ongoing Submissions

Non-Responsive Notifications

Click to Download

None

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Department of Public
Health & Environment

Questions?

Kim Gulliver, MS
Interoperability Coordinator
Colorado Immunization Information System
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Kim.gulliver@state.co.us

AMCI Health Informatics
(877) 950-2624
info@amciweb.com