



TEXAS
Health and Human
Services

Texas Department of State
Health Services

Texas Immunization Registry Bidirectional Onboarding

Texas Immunization Registry

Agenda

- Overview
- Registration
- Preparation
- Testing
- Go Live
- Data Exchange Resources



Definitions

Syntropi - Texas DSHS Immunization Program Portal

BiDX – Bidirectional data exchange via web services

Orgs – Organizations, specifically parent or standalone sites in ImmTrac2

Org POC – Organization point of contact as listed in ImmTrac2

Org PRC – Organizations primary registry contact list in ImmTrac2

VXU – Unsolicited Vaccine Update Message

QBP – Query by Parameter Message



Objectives

- Navigate to the "DX" Bidirectional data exchange module in Syntropi
- Complete and submit an electronic Bidirectional registration of intent
- Perform pre-testing
- Establish a Bidirectional interface with the training ImmTrac2 environment
- Pass testing with a > 90% success rate
- Promote Bidirectional data exchange in the production ImmTrac2 environment



Overview



Benefits of BiDX Onboarding

Allows parent or standalone orgs to:

- Onboard using streamlined process
- Use existing Syntropi registration to indicate interest in BiDX onboarding
- Submit registration of intent electronically
- Submit test messages for HL7 message validation
- Download test and production WSDL to connect with the registry
- Receive auto-generated data quality metrics and reports

Electronic health records (EHR) vendors able to track providers' status



Accessing BiDX Onboarding

Only accessible once registration is approved by DSHS



Login to HHS Enterprise Portal.

Select the Syntropi – CRC option under Applications

Identify the BiDX widget on menu

If not listed, may be an issue with user association or BiDX registration, reach out to ImmTracMU@dshs.texas.gov for questions

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

 Policy Documents Complete & Submit required forms. ✓ ImmTrac2 Org Agreement Renew now	 Texas Vaccines for Children and Adult Safety Net Program Enrollment Status Not Started No Enrollment Data Available for 2021 Click to Start VFC Enrollment	 PANDEMIC PROVIDER ENROLLMENT Enroll as Pandemic Provider to request COVID-19 Vaccine Click to Start Pandemic Provider Enrollment
 Bidirectional Data Exchange Click to submit your registration of Intent for Bidirectional Exchange of Immunization with the Texas Immunization Registry	 Support Ticket Submit a Support Ticket View Ticket Status	



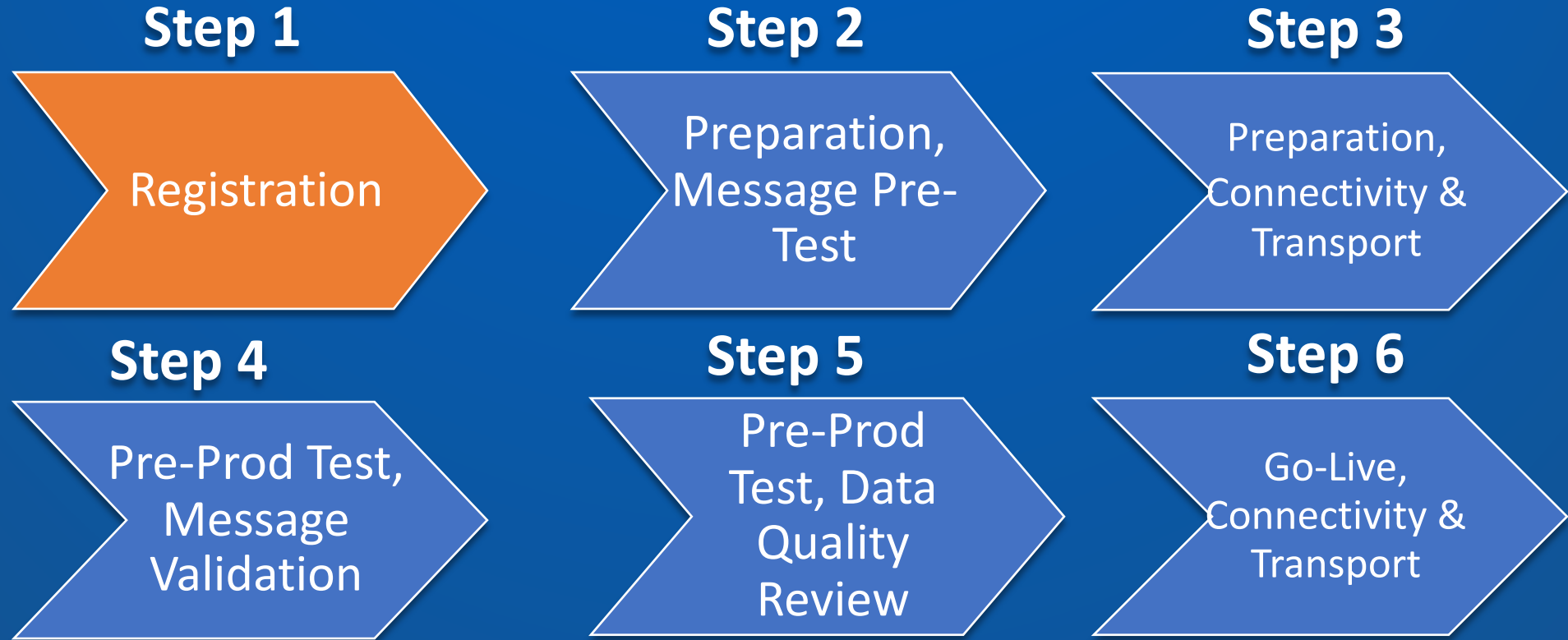
Texas Department of State Health Services

Steps for BiDX Onboarding

1. Registration
2. Preparation, Message Pre-Testing
3. Preparation, Connectivity & Transport
4. Pre-Production Testing, Message Validation
5. Pre-Production Testing, Data Quality Review
6. Go-Live, Connectivity & Transport



Step 1: Registration



Site Agreement (1 of 3)

Required items to be completed in Step 1 :

- Fill out and sign the Registration of Intent (ROI) for BiDX.
- Indicate whether your org will be a parent site with associated child sites, or a standalone site
- Review your orgs point of contact.
- Indicate how your org will submit registry consent.



Site Agreement (2 of 3)

Organization Relationship Status

Will your organization report or submit for multiple locations/facilities? Yes No

Contacts

- Review your organization's Point of Contact.

Organization Point of Contact

When the Registration of Intent is received by the Texas Immunization Registry, the person listed below will receive an email with instructions on how to complete the onboarding process for bidirectional data exchange.

Note: The person listed must be an employee of the facility indicated above.

First Name	Last Name	Title	Phone Number	Email
Fred	Sprutz	Manager	(123) 123-1234	FredS@sproutcare.com



Site Agreement (3 of 3)

Contact Information

1. Primary Data Exchange Contact
2. Secondary Data Exchange Contact
3. Information Technology Contact

Note: Contacts must be different people with unique email addresses



Registration of Intent (1 of 7)

Readiness

- Confirm whether your org is currently submitting data to ImmTrac2
- Confirm whether your org and associated EHR is capable of bidirectional data exchange

*Is your facility currently exchanging HL7 data with the registry?

Yes No

*Are your facility and EHR vendor ready and able to perform bidirectional data exchange?

Yes No



Registration of Intent (2 of 7)

EHR Vendor

- Fill in details for your EHR solution, including whether they can send HL7 2.5.1 formatted data

Electronic Health Record Vendor

Review the current information for your EHR and make updates as needed.

*Select the company name of your EHR Vendor.

If your EHR Vendor is not listed, please select OTHER from the list.

*Select the EHR Product used in this location.

*Can the EHR send HL7 2.5.1 formatted data? Yes No

If your EHR vendor cannot support HL7 2.5.1, your organization cannot proceed with bidirectional data exchange onboarding. Please contact ImmTracMU@dshs.texas.gov for assistance with unidirectional data exchange onboarding.

*Select/Add your Electronic Health Record Contact from the company selected above.

EHR Contact Name (Not in the list above)

First Name	Last Name	Phone Number*	Email Address*
<input type="text" value="Solomon"/>	<input type="text" value="Alscip"/>	<input type="text" value="565"/> <input type="text" value="444"/> <input type="text" value="8798"/> x <input type="text"/>	<input type="text" value="solomon@allscripts.com"/>

While entering other contact name for EHR, please enter at least phone number or email address.



Registration of Intent (3 of 7)

Authorization to Release Credentials

Authorize the registry (ImmTrac2) to release your credentials to your EHR vendor.

*Please select one of the following:

Yes I authorize the registry to release the BIDX credentials to the EHR Vendor.

No I DO NOT authorize the registry to release the BIDX credentials to the EHR Vendor.

Registration of Intent (4 of 7)

3rd Party Data Aggregation

Will your organization connect to ImmTrac2 via a 3rd party aggregation bridge?

<input type="radio"/> Integrated Delivery Service Network (IDNS)	<input type="text"/>
<input type="radio"/> Health Information Exchange (HIE)	<input type="text"/>

Note: A data aggregation bridge acts as a connection to ImmTrac2 where data is sent from your organization's EHR solution to the data bridge and forwarded to ImmTrac2.

Examples: CDC Immunization Gateway (IZ Gateway), Iron Bridge, or Health Information Exchange (HIE).



Registration of Intent (5 of 7)

Data Exchange Method

- Update Only (only sending immunization date)
- Query Only (look up/search immunization data) or
- Update and Query (both send and receive immunization data)

*Which method will your facility (through your EHR Vendor) use for bidirectional data exchange?

- **Note:** Your organization must be able to perform bidirectional exchange formatted in HL7 2.5.1 to proceed with onboarding. Contact ImmTracMU@dshs.texas.gov for assistance with unidirectional data exchange onboarding.



Registration of Intent (6 of 7)

- Review your information
- Check the box to verify that you are authorized to sign for your organization
- Click the **Edit** button to return and revise it, or **Sign & Submit** to proceed.
- On the next screen check the box to sign electronically, click the **Submit** button

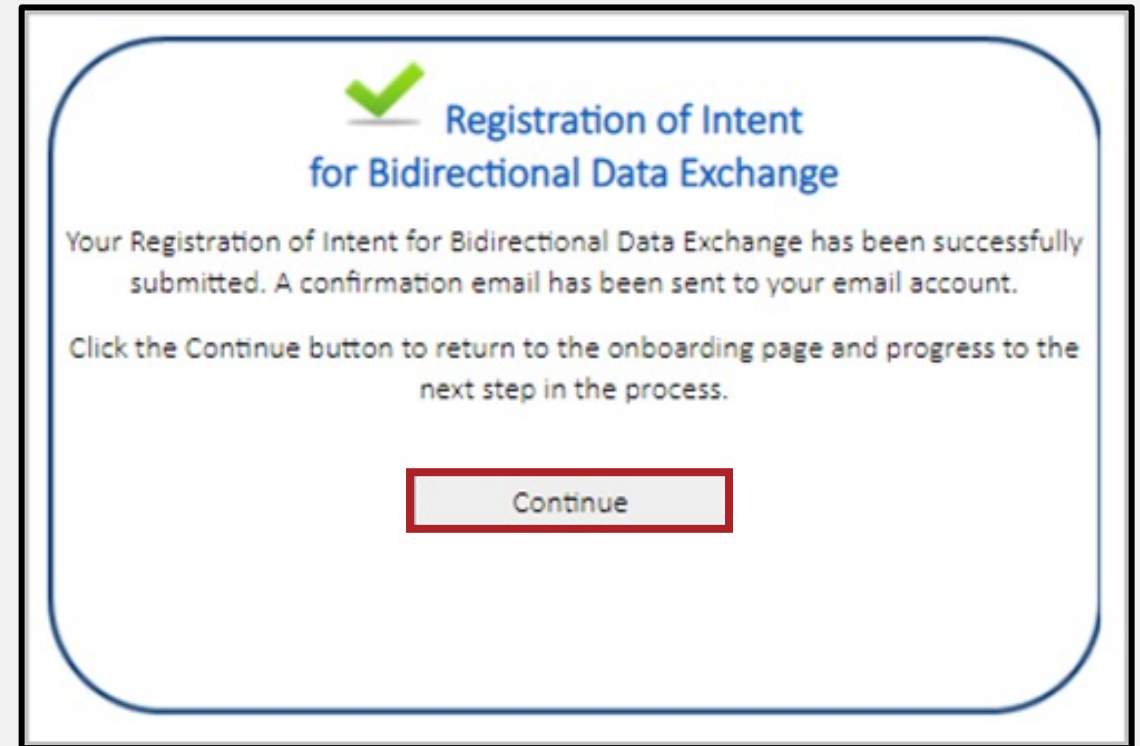
I have read and agree to comply with the Organization Agreement and Confidentiality Statement as presented in this section.

Signed electronically by:



Registration of Intent (7 of 7)

- After submitting your registration of intent, you will receive a confirmation message
- Select “**Continue**”



Registration Status

This screen reviews the registration status

Registration

At this point the ImmTrac2 Confidentiality Agreement has been submitted and the Data Exchange profile completed. Click Continue below to read about Texas' consent requirements and tell how this organization intends to submit it.

- Submit the ImmTrac2 Confidentiality Agreement
- Submit BIDX Registration of Intent (ROI) 
- Consent Mode: Flat File or HL7 Submission or Manually

[Continue](#)

Consent Mode (1 of 3)

Indicate how your organization will submit registry consent:

- Flat File
- HL7 Submission
- Manually

Indicate below how you intend to submit patient consent.

Flat File
Selecting this option indicates patient consent will be sent in a flat file, which is separate from HL7 submissions to ImmTrac2

HL7 Submission
Selecting this option indicates that patient consent will be included in updates from your electronic health record's HL7 submission to ImmTrac2

Manually
Selecting this option indicates patient consent will be manually entered into the ImmTrac2 by a staff member from this organization

Note: Flat File and Manually reporting methods are not recommend for BiDX onboarding.



Consent Mode (2 of 3)

A patient's written consent (minor and adult) using an official DSHS registry consent form is required for inclusion of all data in the registry, except in the event of a publicly declared disaster. Written consent must be given by a parent or legal custodian if a patient is younger than 18 years of age. Official ImmTrac2 Consent Forms are available on our [Department of State Health Services \(DSHS\) website](#):

TXY = ImmTrac2 Minor Consent (Age 0-18)

TXA = ImmTrac2 Adult Consent (Age 18+)

TXD = ImmTrac2 Disaster Retention Information Consent (All Ages)

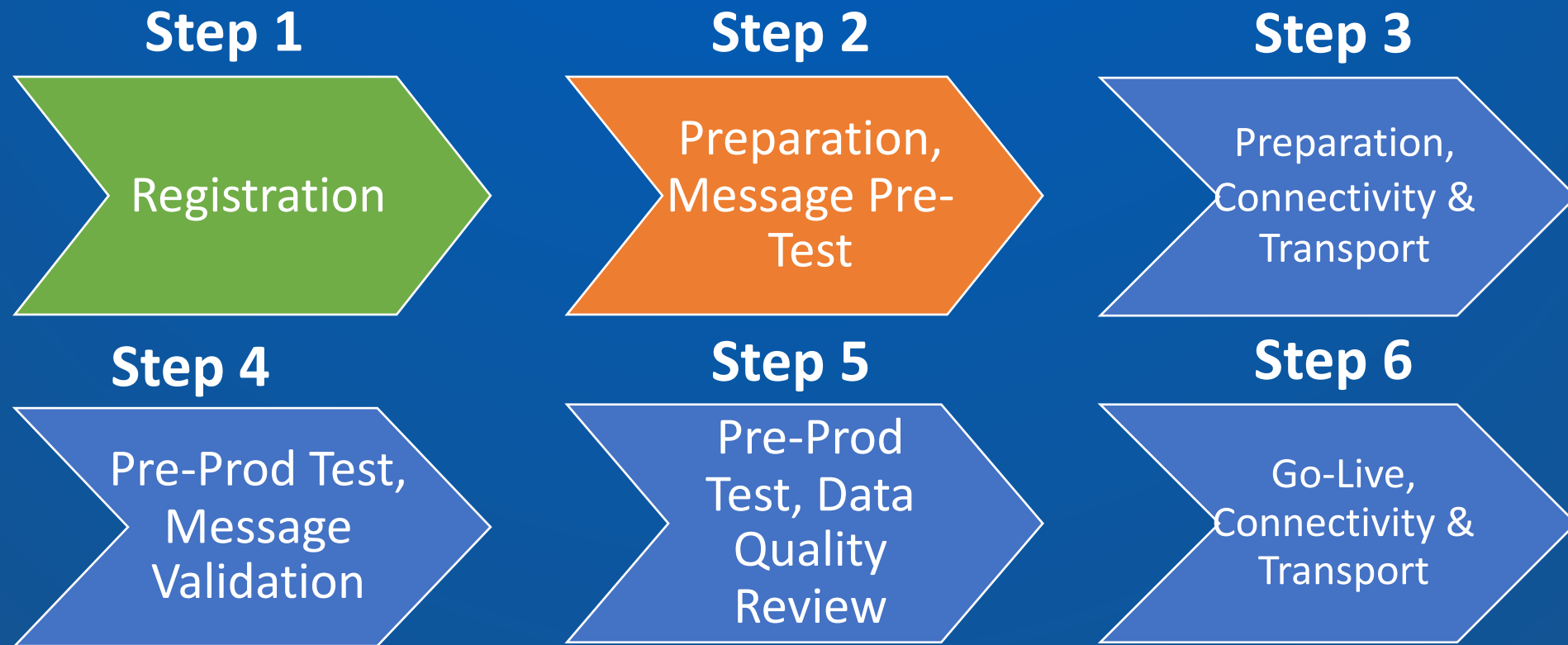


Consent Mode (3 of 3)

- The signed registry consent form must be archived with the provider's office and in the patients' medical records after your organization has reported the registry consent to ImmTrac2 via one of the below methods.
 - Do **NOT** send (by fax, mail, or email) the signed registry consent forms to the registry for storage or processing.
- Please review the Texas Immunization [Registry – Consent Overview](#) to understand Texas' unique registry consent legislation and requirements.



Step 2: Preparation, Message Pre-Testing



Pre-Testing Overview (1 of 2)

Allows orgs to manually upload test HL7 messages for validation:

- HL7 2.5.1 required
- Validates check for compliance to TX and CDC HL7 standards
- Data is not submitted to ImmTrac2



Pre-Testing Overview (2 of 2)

To pass, orgs must submit 1 error free of the following:

- Historical VXU
- New VXU
- QBP
 - Click the **Begin** button to start HL7 message pre-testing.


Preparation

Message Pre-Testing

This phase of the onboarding process checks to see if the HL7 messages generated by the EHR comply with state and federal messaging requirements. Click [Begin](#) to complete the tasks listed below.

HL7 Message Pre-Testing. The requirements and status are displayed below:

<input type="checkbox"/> VXU MSG Validation:	0 of 1 Valid Historical MSGs AND 0 of 1 Current MSGS have passed validation.
<input type="checkbox"/> QBP MSG Validation:	0 of 1 Valid Query MSGs have passed validation.



[Begin](#)

Message Pre-Testing (1 of 10)

To pass pre-testing for VXU messages, your org must submit a valid **historical** immunization and a valid **new** immunization.



Generate a sample HL7 VXU and QBP message from the Electronic Health Record Solution.



VXU- Validation Status

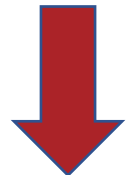
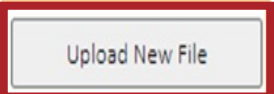
Description	Valid Historical Immunization	Valid Current Immunization
Total valid messages must be received:	1	1
Total valid messages uploaded so far:	0	0

Instructions:

1. Generate a sample HL7 VXU message from the Electronic Health Record Solution.
2. Click the Upload button and browse for the message file on your computer. (ONLY .hl7 and .txt file types are acceptable)
3. The uploaded file will display at the top of the list of the Validation History below.
4. Click Run Validation.
5. The Status column will update with  for a message that passes or  for a failed message.
6. Click View to see detailed validation results for the file.

File Validation History

#	EHR Product/Version	File Type	File Name	Evaluation Date	Status	View Detail
No Records Found.						

Message Pre-Testing (2 of 10)

Once uploaded, the files are validated and identified with an overall **PASS** or **FAIL**

The file is further broken down to display which areas of the HL7 message need to be corrected

HL7 Message Type*
VXU- Unsolicited vaccination record update

File is for EHR- Product- Version*
Allscripts- Allscripts ED Version- 7

File is for Provider Site*
 Sprout Care Pediatrics

Browse/Choose the file to upload*
Choose File no file chosen


⚠ The HL7 message uploaded will be changed to protect Patient identifiable information.

#	EHR Product/Version	File Type	File Name	Evaluation Date	Status	View Detail
1	Allscripts ED Version- 7	VXU	TxPerfCurrent072222.hl7	01 13 2023 14:14		<input type="button" value="Run Validation"/>


Message Pre-Testing (3 of 10)

- The Status column will update with the message results

Failed


#	EHR Product/Version	File Type	File Name	Evaluation Date	Status	View Detail
1	Allscripts ED Version- 7	VXU	TxPerfCurrent072222.hl7	01 13 2023 14:14		View

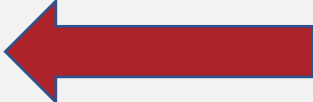
Passed

#	EHR Product/Version	File Type	File Name	Evaluation Date	Status	View Detail
1	Allscripts ED Version- 7	VXU	TxPerfCurrent072222.hl7	01 13 2023 14:14		View


Message Pre-Testing (4 of 10)



Select “**View**” to review detailed validation results for the file

#	EHR Product/Version	File Type	File Name	Evaluation Date	Status	View Detail
1	Allscripts ED Version- 7	VXU	TxPerfCurrent072222.hl7	01 13 2023 14:14		View



On the following screen, you can select to view the detailed view or the summary view

#	Message	Status	View Detail	View Summary
1.	MSH ^~\& EZEMRX 10 TXImmTrac TxDSHS 20200817052424...		View	View



Message Pre-Testing (5 of 10)

The detailed view allows you to see which segments passed validation, and to see the specific value entered for that field.

6.	MSH	3	Sending Application	Sending Application, MSH-3, is the instance name of the EHR product where the data originated. Reference HL7 Table 0361	See Value	✓
7.	MSH	4	Sending Facility	MSH-4: Use the TX-IIS ID of the specific (stand-alone, parent, or child) submitting organization must be populated. For multi-site organizations, this is the numeric TX-IIS ID for organization responsible for sending data to ImmTrac2 for all associated administering locations. If the TX IIS ID is not known, contact the Texas Immunization Registry. TX-IIS ID of the parent organization MUST BE numeric,	See Value	✓
8.	MSH	4	Sending Facility	MSH-4: Use the TX-IIS ID of the specific (stand-alone, parent, or child) submitting organization must be populated. For multi-site organizations, this is the numeric TX-IIS ID for organization responsible for sending data to ImmTrac2 for all associated administering locations. If the TX IIS ID is not known, contact the Texas Immunization Registry.	See Value	✓
9.	MSH	4	TX IIS ID	MSH-4 MUST be populated with an existing valid TX IIS ID of 9 digits. Marks the field as an error if it does not match the organization TX-IIS ID.	See Value	✗

View Value
Value is: 10
Close

A red arrow points from the "See Value" button in the table to the "View Value" modal window.

Message Pre-Testing (6 of 10)

Click the **Export Data** button to download an annotated copy of the message.

The screenshot displays a web interface with the following elements:

- Messages Information**: A table with columns for #, Message, Status, View Detail, and View Summary.
- Message Detail Validations**: A section with a warning icon and a text message: "The HL7 message submitted has been changed to protect Patient identifiable information." Below this are two buttons: "View Summary" and "Export Data".

The "Export Data" button is highlighted with a red rectangular box, and a large red arrow points upwards from below the page towards this button.

#	Message	Status	View Detail	View Summary
1.	MSH ^~\& EZEMRX 1122609000 TXImmTrac TxDSHS 202008...		View	View

Message Pre-Testing (7 of 10)

The summary view gives a high-level view of the message's status broken down into errors and warnings. Passing segments are not

Select “**Close**” to return and upload more messages.


Errors					
#	Segment	Field Name	Validation	Status	
1.	OBX	5.1	Observation Value	Content validated for the correctness of the HL7 Code set.	
Value Sent: 108					
2.	RXA	11.4	Administered At Location - Facility ID	RXA-11.4 MUST EQUAL MSH-22	
Value Sent: 10					
3.	MSH	4	TX IIS ID	MSH-4 MUST be populated with an existing valid TX IIS ID of 9 digits. Marks the field as an error if it does not match the organization TX-IIS ID.	
Value Sent: 10					
Warnings					
#	Segment	Field Name	Validation	Status	
1.	PID	24	Multiple Birth Indicator	PID-24 Multiple Birth Indicator is option, but every effort should be taken to populated for the patient.	
Value Sent:					
<input type="button" value="Close"/>					



Message Pre-Testing (8 of 10)

To pass pre-testing for QBP messages, your org must submit a valid query message

File Validation History Upload New File

#	EHR Product/Version	File Type	File Name	Evaluation Date	Status	View Detail
1	Allscripts ED Version- 7	VXU	TxPerfCurrent072222.hl7	01 13 2023 14:14		View

Message Pre-Testing (9 of 10)

Change the message type
from **VXU** to **QBP**

Select “**Choose File**” and
upload the QBP message to
test

Note: The options to view
detailed or summary
information about the
validation work the same way
as for VXU messages.

HL7 Message Type*

VXU- Unsolicited vaccination record update

VXU- Unsolicited vaccination record update

QBP- Requesting Information Immunization History HL7 2.5.1

Allscripts- Allscripts ED Version- 7

File is for Provider Site*

Sprout Care Pediatrics

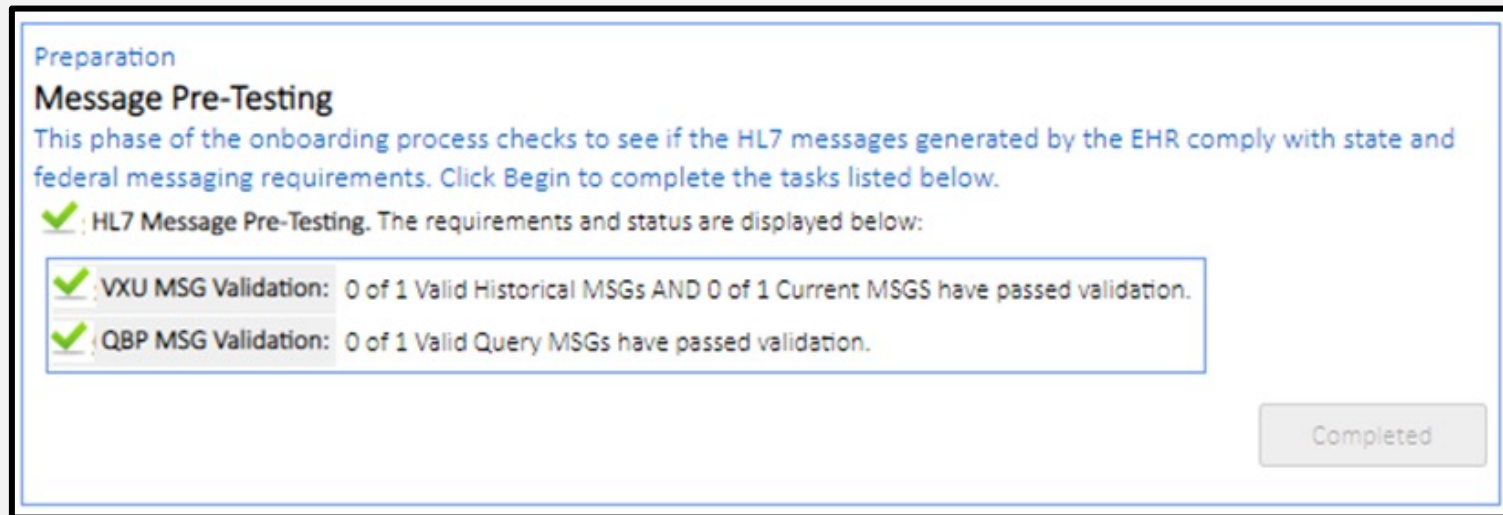
Browse/Choose the file to upload*

Choose File No file chosen

UPLOAD FILE

Message Pre-Testing (10 of 10)

Once both message type requirements are passed, proceed to the next onboarding step.

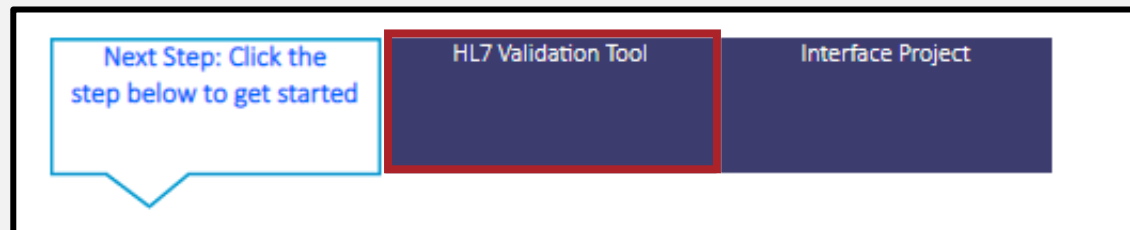


Preparation
Message Pre-Testing
This phase of the onboarding process checks to see if the HL7 messages generated by the EHR comply with state and federal messaging requirements. Click Begin to complete the tasks listed below.

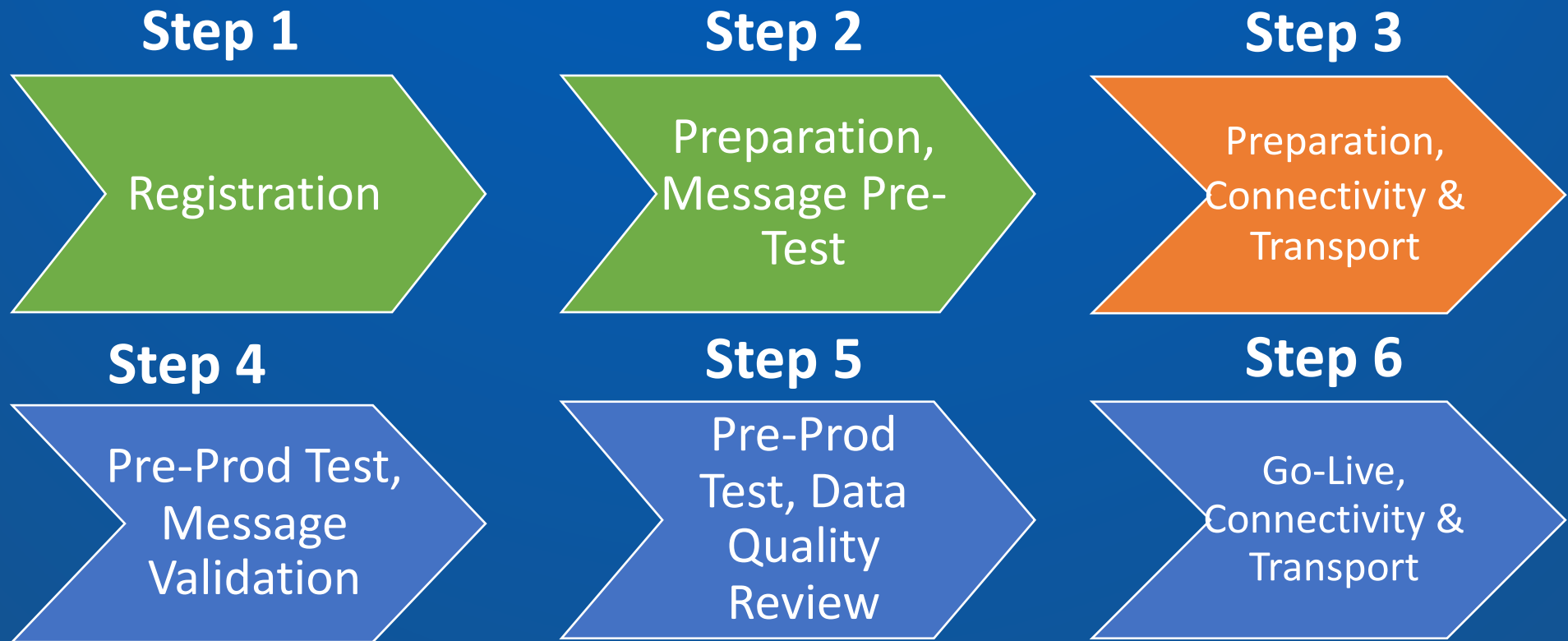
✓ : HL7 Message Pre-Testing. The requirements and status are displayed below:

- ✓ VXU MSG Validation: 0 of 1 Valid Historical MSGs AND 0 of 1 Current MSGs have passed validation.
- ✓ QBP MSG Validation: 0 of 1 Valid Query MSGs have passed validation.

Completed



Step 3: Preparation, Connectivity & Transport



Prep Connectivity & Transport (1 of 3)


- Select “**Begin**” button to start

Preparation

Connectivity & Transport

This phase of the onboarding process establishes a connection from the EHR to ImmTrac2 Test. Click Begin to complete the tasks listed below.

- ⊙ Download the WSDL to connect to the ImmTrac2 Test Environment
- ⊙ Establish the Test Interface: Install the WSDL in your EHR to establish transport with ImmTrac2 Test
- ⊙ Validate Connectivity with the ImmTrac2 Test Environment and your EHR

 Begin

Prep Connectivity & Transport (2 of 3)

Select the link to download the Test WSDL file to set up your test connection to the ImmTrac2 Test environment.

- 🚫 Step 1: Download the WSDL to establish the interface with ImmTrac2 Test.
- Instructions:
 1. Click the link below to download the WSDL. It is pre-populated with the username and password to authenticate with ImmTrac2 Test. [Download Test WSDL](#) ←
 2. Configure your Electronic Health Record server with the downloaded Test WSDL.
 - This step will be marked passed upon download of the WSDL.

Prep Connectivity & Transport (3 of 3)

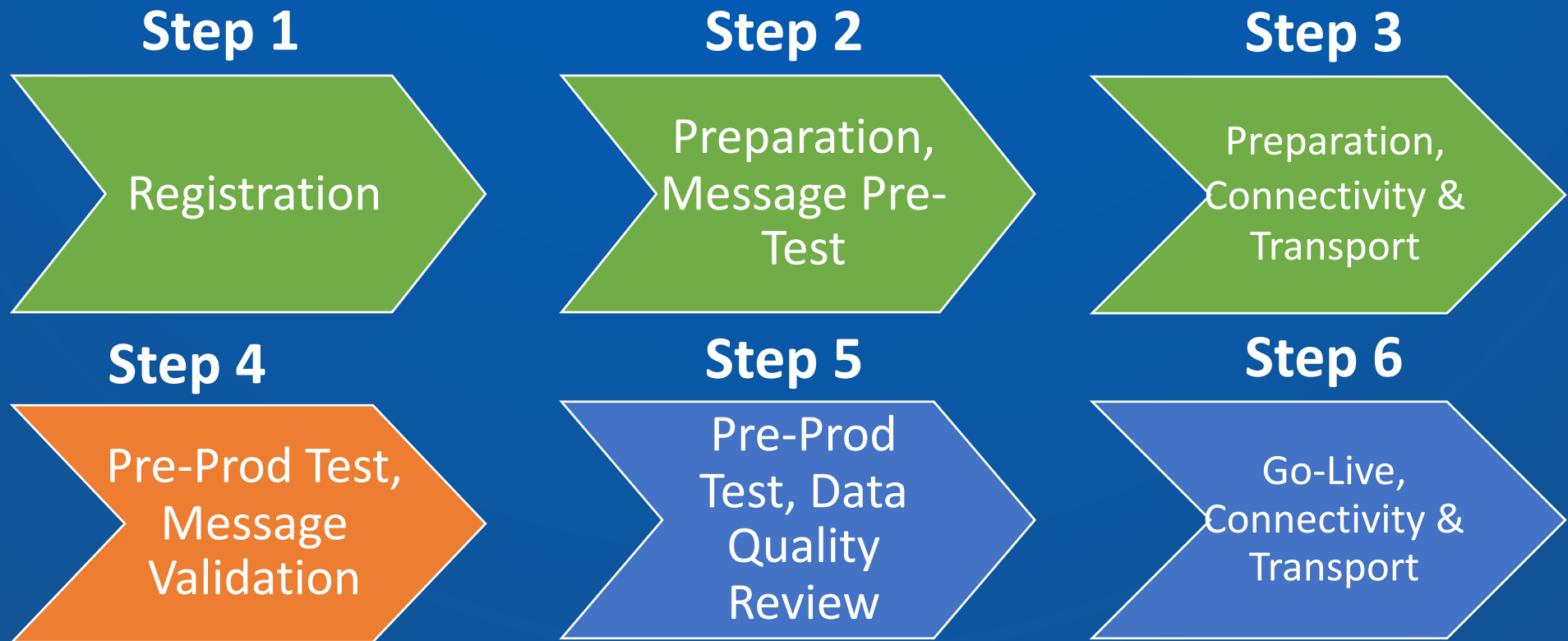
To establish a test interface, configure your EHR with the WSDL settings, then begin submitting HL7 test messages

Credentials include:

- Username (Import Code)
- Facility ID (Org Code)
- Password



Step 4: Pre-Production Testing, Message Validation



Pre-Production Testing (1 of 2)

Download the VXU Test Cases document

Complete the Test Cases form

Once completed select **Choose File** then the **Upload** option to submit the document

Pre-Production Testing
Message Validation
This phase of the onboarding process ensures messaging generated across the interface to the ImmTrac2 Test System maintains the configuration and compliance and are consumable by ImmTrac2.

VXU MSG Validation: Successful VXU Message Count (AA Acknowledgements): Rate: %

There are two (2) steps to complete for VXU message validation.

1. Achieve a 90% success rate for VXU messages received by ImmTrac2 Test.
The rate is calculated automatically and will provide detailed message analysis to determine what needs to be corrected to meet the 90% pass rate requirement.
2. Complete the VXU Test Cases for submitting updates to ImmTrac2.
 - Download VXU Test Cases. [Download VXU Test Cases](#)
 - Upload the VXU Test Results. No file chosen

QBP MSG Validation: Use the test cases files below to query Immtrac2 Test

To validate Query/Response Messaging correct your QPB query messaging based on the RSP received compared to what is in expected in the case.

1. Complete the QBP Test Cases for submitting updates to ImmTrac2.
 - Download QBP Test Cases. [Download QBP Test Cases](#)
 - Upload the QBP Test Results. No file chosen



Pre-Production Testing (2 of 2)

- Identify if test messages **PASS** or **FAIL** based on ACK response
- Org must meet a 90% success rate to **PASS**
- Review ACK response in EHR interface.

Pre-Production: Message Validation

Step 1: Submit HL7 Messages to Immtrac2 Test environment

- Instructions:

1. Continue submitting HL7 Test Messages to Immtrac2 Test.
 2. Monitor ACK messages received from Immtrac2 Test and correct any issues to increase your pass rate until it meets the required % pass rate.
 3. Test your Query Messaging. Click the link to download Immtrac2 Test cases for query/response (QBP/RSP) messaging. [Download Query Test Cases.](#)
 4. If your testing Query/Response Messaging correct your QBP query messaging based on the RSP received compared to what is expected in the test case.
- The system will monitor messages received and calculate the message pass rate for Updates (VXU messages) sent to Immtrac2 Test. Statuses are displayed below:

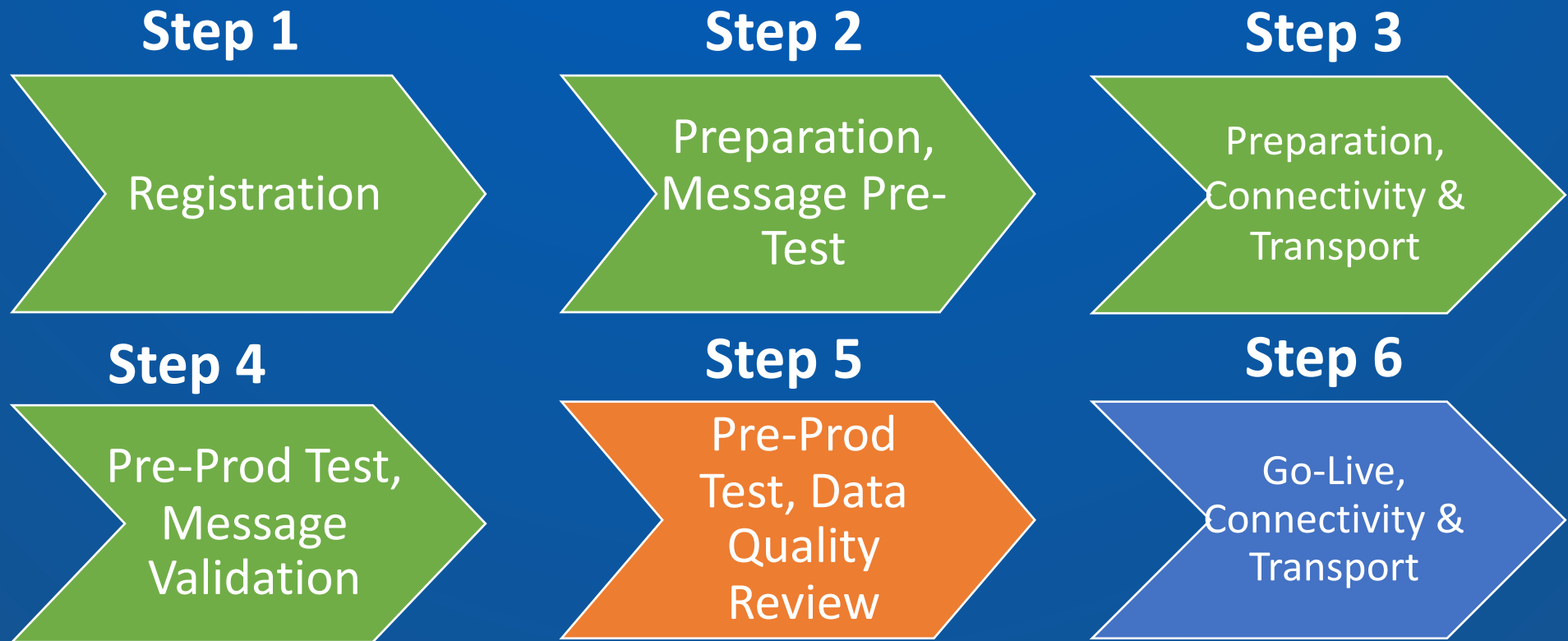
Message Validation Summary

Connected to Test # MSG's Rec'd: Last Submit Date: # Min Req Met:

VXU Validation Summary			
# AA:	# AE-W:	# Min Req to Pass%:	Current Rate:
# AE-E:	# AR:	# RSP:	



Step 5: Pre-Production Testing, Data Quality Review



Review Corrections Needed

- Review the quality of your message stream.
- To begin, select the **Review Data Quality Corrections Needed** button.

Pre-Production Testing
Data Quality Review
This phase of the onboarding process ensures the data being sent to ImmTrac2 is complete and accurate information pertaining to the patient and immunization records. A 90% Data Qualifying Rate is required to pass this phase. Click on the Review Data Quality Corrections Needed button below to see issues to fix in order to meet the

Data Quality Rate: Achieve a 90% success rate to pass

Calculated Metrics	Calculated Data Quality Rate
<input type="checkbox"/> Patient Demographic Completeness	0%
<input type="checkbox"/> Immunization Completeness	
<input type="checkbox"/> Immunization Accuracy	













[Review Data Quality Corrections Needed](#)



Messages Sent

Messages: a list of the messages sent.

Pre-Production: Data Quality Review

Messages		Immunization Report	Patient Report	VFC Report	Quality Summary	
#	Result	Control ID	Message Type	Received	Validation Summary	View Message
1		2041M2727599	VXU: Non-Hx	03 06 2023 20:28	 0 Valid  12 Errors  2 Warnings	View
2		2038M2727599	VXU: Non-Hx	03 06 2023 20:26	 0 Valid  23 Errors  6 Warnings	View
3		2037M2727599	VXU: Non-Hx	03 06 2023 20:25	 0 Valid  11 Errors  2 Warnings	View

Immunization Report (1 of 2)





Immunization Report: Completeness for immunizations given.

Pre-Production: Data Quality Review

Messages **Immunization Report** Patient Report VFC Report Quality Summary

Reporting Period From / / To: / /

Completeness

Field	% Required To Pass Completeness	Current % of Completeness	Pass/Fail
Action Code Set	90%	33.33%	
Administering Provider	90%	33.33%	
Administration Site	95%	33.33%	
Dosage- Completeness	95%	100.00%	



Immunization Report (2 of 2)

Immunization Report: Accuracy for immunizations given.

Accuracy		
Field	Description	Issue Accuracy Score
Administered Date After DOB	Administered Date is after patient's DOB as expected	100.00%
Administration Route	Administration Route, RXR-1, is Required and Populated	33.33%
Age Range	Percentage of Records submitted where the vaccine is given within recommended age range	33.33%
Body Site	Body site is valid.	33.33%
Dosage- Accuracy	Validates that the administered dosage matches the accepted amount.	33.33%
Licensure Date	Vaccination administered within vaccine's licensure start and end dates	33.33%
Lot ID- Accuracy	Substance Lot Number is contains a valid lot number format for manufacturer.	0.00%

Patient Report

Patient Report: completeness for patient data.

Pre-Production: Data Quality Review

Messages Immunization Report **Patient Report** VFC Report Quality Summary

Reporting Period From 02 / 06 / 2023 To: 03 / 08 / 2023 Run Report

Completeness

Field	% Required To Pass Completeness	Current % of Completeness	Pass/Fail
Address	100%	100.00%	✓
Mother/Father/Guardian	90%	100.00%	✓
Patient Name	100%	100.00%	✓
Phone Number	95%	0.00%	✗



VFC Report

VFC Report: tallies by eligibility category

Pre-Production: Data Quality Review

Messages Immunization Report Patient Report **VFC Report** Quality Summary

VFC Eligibility	Count	Percentage
Adult, No Insurance	0	0.00%
Adult, Private Pay/Insurance	3	60.00%
Adult, Underinsured	0	0.00%
American Indian/Alaskan Native	0	0.00%
CHIP	0	0.00%
Medicaid	0	0.00%
No Insurance	0	0.00%
Private Pay/Insurance	2	40.00%
Underinsured, FQHC/RHC/Deputized	0	0.00%
Underinsured, Not FQHC/RHC/Deputized	0	0.00%

The VFC Report indicates counts of patients eligible for VFC (Vaccines for Children) by VFC Eligibility Category for a given date range.

2/6/2023 to 3/8/2023

Category	Count	Percentage
Adult, Private Pay/Insurance	3	60.00%
Private Pay/Insurance	2	40.00%



Data Quality Summary (1 of 2)

Quality Summary: overall message quality trends.

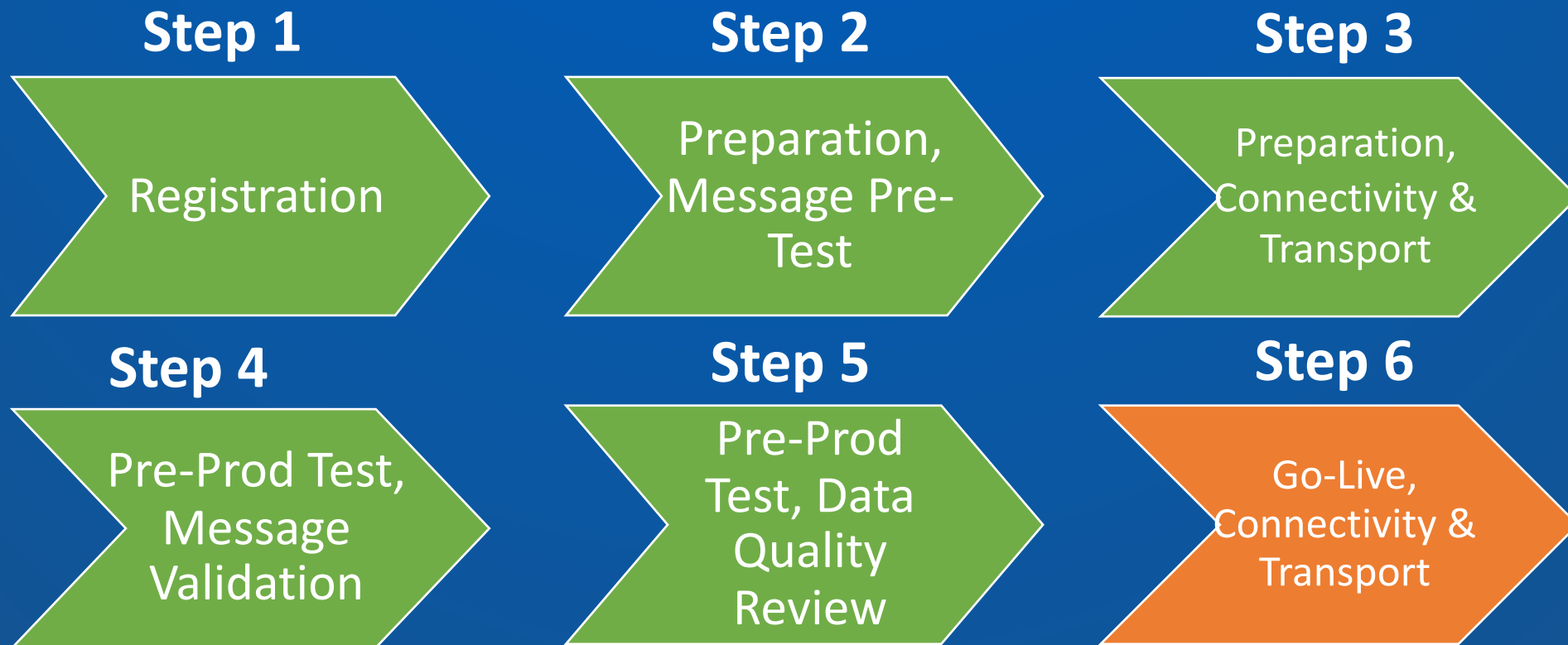
Pre-Production: Data Quality Review				
Messages	Immunization Report	Patient Report	VFC Report	Quality Summary
Report Date: 03/08/2023 Report Created by: Reporting Period: 1/1/2019 to 3/8/2023		Total Number of Patients Reported: 15 Total Number of Administered Shots Reported (VXU): 15 Total Number of Historical Shots Reported (VXU): 0 Total Number of Queries Submitted (QBP): 0	Total Number of Errors: 15 Total Number of Warnings: 0 Total Number of Rejections: 0 Average Timeliness for Period: 0	

Data Quality Summary (2 of 2)

- Testing focused on data quality metrics:
 - Patient completeness.
 - Immunization completeness.
 - Immunization Accuracy.
- Organizations must:
 - Submit test messages.
 - Review for gaps in completeness and accuracy.
 - Meet a 90% pass rate.



Step 6: Go Live, Connectivity & Transport



Go Live (1 of 3)

Allows org to:

- Connect with the registry's Interoperability Team for a go live meeting
- Download production web service credentials
- Connect to registry's production environment

Go Live

Connectivity & Transport

In this phase of the onboarding process the data submission from the EHR will be transitioned from sending data to the ImmTrac2 Test System to the ImmTrac2 Production System.

- Go Live- Not Started.
- Download ImmTrac2 Production WSDL
- Production Interface Validation

Previous Phase Must be Completed



Go Live (2 of 3)

Go live meeting will include:

- Org, DX Contacts, IT Support, registry's Interoperability Team and EHR vendor
- Discussions on anticipated go-live date
- Addressing any outstanding questions from Org



Go Live (3 of 3)

Onboarded organizations will:

- Download and share production WSDL and credentials with EHR vendor to establish an interface
- Establish a successful connection to ImmTrac2 production environment
- Initiate formal submission of patient and immunization data
- Submit real patient and immunization HL7 messages to ImmTrac2 production environment

Data Exchange Resources

Support is available.



Live Support

Interoperability Team

- Phone: 800-348-9158, Option 3
- Email: ImmTracMU@dshs.texas.gov
- Hours: Monday – Friday, 8:00 a.m. to 4:30 p.m.



Forms & Documents

- Available on <https://www.dshs.texas.gov/immunization-unit/immtrac2-texas-immunization-registry/immtrac2-forms-documents>
- Texas Immunization Registry HL7 2.5.1 Implementation Guide (Stock # 11-14972)
- Texas Immunization Registry HL7 2.5.1 Error Guide (Stock # 11-15703)
- Affirmation of Registry Consent via Health Level Seven (Stock # 11-15773)





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Thank You!

From the Texas Immunization Registry