

JANUARY 11TH, 2018

Managing Worklist

MSIX Webinar





Agenda

- 1. The Importance of Worklist ^{5 Minutes}
- 2. Move Notification
- 3. Data Request 10 Minutes
- 4. Merge Record

15 Minutes

- 5. Near Matches
- 6. User-Initiated Merge
- 7. Splits 10 Minutes
- 8. Auto Escalation & Validation

10 Minutes



The Importance of Worklists

🔳 DATA REQUEST	MERGE RECORD	SPLIT RECORD	MOVE NOTICE

Worklists allow users to take action on near matches, merges, splits, data requests, and move notifications

Near match resolution allows students records to be consolidated and searchable in MSIX

Accurately merging and splitting records will lead to a more accurate child count

MSIX collects, analyzes, and matches records of migratory children submitted by the participating states into a national consolidated view. Managing worklists effectively ensures the student data is accurate, complete, and available to all MSIX users.





Move Notification

Move Notification User Roles

Below are the roles that have access to send a Student Move Notice:

Primary	Secondary	District Data	Regional Data	State Data	State Region	Regional User	State User
User	User	Administrator	Administrator	Administrator	Administrator	Administrator	Administrator
~	~	~	~	~	~		



Move Notification

MSIX provides a feature to alert another area of a student's relocation in the case of their arrival or departure. In addition to the MSIX notice, you can include comments regarding the student who is relocating. <u>However, it is important to remember, that in order to protect the student's privacy, do not include any sensitive information such as Social Security Numbers or other Personally Identifiable Information in the Comments fields. Comments entered will be shared unedited and in their entirety with other MSIX Users.</u>

DASHBOARD	STUDENT RECORD	STATE ID.	STATE: TX	Data Request Flagged for Merge	Move Notice
Q search					Save Record
🗟 WORKLIST 🛛 🔂	1. After navigat	ing to a student's Conso v clicking the Move No t	olidated Studer t ice link	nt Record View you	u can initiate the
SAVED LIST	notinotitori o				
REPORTS					
🖹 REPORTS (NEW)					



Sending Student Move Notifications



- 2. Select the appropriate direction the student is moving: either from your state to another state OR the student has arrived in your state from elsewhere.
- 3. Include any relevant or necessary comments.
- 4. Select the state, district and school (if known and available).





Student Move Notifications

Your move notification has been sent **OK**

5. The system will display a timed notice telling you the message was successfully sent.

I DATA REQUEST I MERGE RECORD	₽* SPLIT RECORD	MOVE NOTICE
-------------------------------	-----------------	-------------





Resolving/Dismissing a Move Notification

≣ DATA REQUES	A REQUEST MERGE RECORD		⊻ [≉] SPLI	T RECORD	MOVE NOTICE		
Student	Worklist ID	State	MSIX ID	State ID	Created		
Loreto, Diego J	89281	CA	697273717116	06002686004	11/30/2017 0 days in list	Data Admin User Role View	
State: Gender: Male	DOB: Born in:	State ID: Multi-birth: No	Parent 1: Parent 2:		FULL RECORD		
Correspondence						× ^	
Comments			8		9		
			0 / 250	DISMIS	S NOTICE		
To protect the stud or other Personally and in their entiret	dent's privacy, do not include a Identifiable Information in Co y with other MSIX Users.	any sensitive information such as s omments fields. Comments entere	Social Security Numbers d will be shared unedited				

10. Once the user dismisses the notice, it disappears from their inbox and the timed message is displayed telling them that the action was successful.





Viewing a Move Notification

≣ DATA REQU	JEST 🍽 MI	MERGE RECORD		⊻ [#] SPLIT RECORD		E NOTICE
Student	Worklist ID	State	MSIX ID	State ID	Created	Primary User Role View
Torres, Aaron	88770	CA	21104229821522	0400025076042	11/01/2017 29 days in list	
State: California Gender: Male	DOB: Born in:	State ID: Multi-birth: No	Parent 1: Parent 2:		FULL RECORD	~
Corresponden	nce					~

Primary and Secondary users will be able to view the move notifications that they have initiated



Move Notices: Best Practices

- Sending notices in a timely manner will allow the receiving states to quickly identify and enroll them for service
- A receiving state can notify the sending state who might not be aware that the family has left and can withdraw the student and submit the updated information of the child to MSIX in a timely manner.
- In order to protect the student's privacy, do not include any sensitive information such as Social Security Numbers, Birthdates or other Personally Identifiable Information in Comments fields. Comments entered will be shared unedited and in their entirety with other MSIX Users.



Questions?





Data Request

Data Request User Roles

Below are the roles that have access to send, reply, resolve, and reassign a Data Request:

User Role Action	Primary User	Secondary User	District Data Administrator	Regional Data Administrator	State Data Administrator	State Region Administrator	Regional User Administrator	State User Administrator
Data Requests: Send & Reply	~	~	✓	~	~			
Data Requests: Resolve & Reassign			✓	~	✓			



Data Requests

DASHBOARD	STUDENT RECORD	OTITE TV	Data Request	Move Notice Export
Q search	MSIX ID: 533225331856 STATE ID: 1X005023321R	STATE: TA	GENDER: FEMALE	Save Record
🖶 WORKLIST 🛛 🔁	Florida (FL00102733TR)			¥
SAVED LIST		Data Request		2 ×
E REPORTS	 After navigating to a student's Consolidated Student Record View you can initiate a data request by clicking the Data Request button 	To initiate a data req recipient. Comments	uest, please supply comments and assign a	A Popup will appear upon clicking Data Request
🗐 HELP	2 Complete the form fields in the	Security Numbers or othe Comments entered will be	r Personally Identifiable Information in Comments fiel e shared unedited and in their entirety with other MSI.	ds. X Users.
🌣 MY ACCOUNT	pop-up.	Select the State, Dis sent to the appropria	trict and School to ensure the request for o ate Data Administrator.	data is
SIGN OUT		Cancel	S	UBMIT





3. To view data requests that have been sent to you, as well as data requests you have initiated, navigate to your worklist in the left-hand menu and select the **Data Request** tab.

Student	Worklist ID	State	MSIX ID	State ID	Created	
	88116	CA	275433682144	06002796084	09/27/2017	_
State: California	DOB: 05/23/2007	State ID: 06002796084	Parent 1 [.]		FULL RECORD	
Gender: Female	Born in:	Multi-birth: No	Parent 2:			^
Correspondence						



Resolving/Dismissing a Data Request

≣ DATA RE	≣ DATA REQUEST		MERGE RECORD		48	MOVE NOTICE		
lands, then a	89282	СА	697273717116	06002686004	12/01/2017	4 days	Data Admin Role View	User
State: California Gender: Male	DOB: Born in:	State ID: Multi-birth: No		Parent 1: Parent 2:	FULL R	ECORD		
Correspondence							×	
Comments To protect the student's privac Comments fields. Comments e	y, do not include any sensitive inf	formation such as Social Security Numb	ers or other Personally Identifiable	0 / 250 e Information in	RESOLVE REQ Reassign Reco	UEST		



Viewing a Data Request

≣ DATA	A REQUEST	MERGE RECORD	⊮"SPL	IT RECORD	HOVE	NOTICE	
Student	Worklist ID	State	MSIX ID	State ID	Created	Primary User View	Role
Acendo Fuertes,	88116	CA	275423482144	06002796084	09/27/2017		
State: California Gender: Female	DOB: Born in:	State ID: Multi-birth: No	Parent 1: Parent 2:		FULL RECORD	~	
Corresponde	nce					✓	

Primary and Secondary users will be able to view the data requests that they have initiated



Data Requests: Best Practices

- Once a data request is on your worklist it automatically starts counting down the time you have to respond to the request (4 days)
- Users can request and confirm that the state where the student came from has submitted updated information to MSIX
- Through frequent exchange of data requests, users can build a network of peers where migratory children are traveling
- Timely response to data requests are critical to a student's success
- To protect the student's privacy, do not include any sensitive information such as Social Security Numbers or other Personally Identifiable Information in the Comments fields in any Data Requests. Comments entered will be shared unedited and in their entirety with other MSIX Users.



Questions?



Break





Merge Records

Worklist User Roles & Functions

Below are the roles that have access to initiate, validate, reject and reassign student Merges and Splits:

User Role Action	Primary User	Secondary User	District Data Administrator	Regional Data Administrator	State Data Administrator	State Region Administrator	Regional User Administrator	State User Administrator
Initiate Student Merges and Splits	√		✓	✓	✓			
Validate/ Reject Student Merges and Splits			~					



Merge Record

- States submit student records to MSIX to ensure the MSIX database has the most recent and accurate student information.
- · There are two ways student data is merged
 - By User Initiated Merge— At any time after the student record is in the MSIX database, a user can intervene to initiate merging/combining or splitting/separating the record.
 - By the MSIX Application When a record is submitted, MSIX matches the record to determine whether it already exists in MSIX or is a new record.
 - Student Records are evaluated to determine if they are new or potentially match an existing MSIX record.
 - This is done via the MSIX Matching Engine that produces a Matching Score using the following MDEs:

4	First Name
5	Middle Name
6	Last Name
7	Last Name 2
9	Sex
10	Birth Date

MDE # MDE Nama

MDE #	MDE Name
13	Birth State
14	Birth Country
16	Male Parent First Name
17	Male Parent Last Name
18	Female Parent First Name
19	Female Parent Last Name



Merge Record

• After the MSIX **Matching Engine** produces a Matching Score one of the following will occur:

New MSIX Record	No existing record matches
Match	The new record closely matches an existing MSIX record and is merged with that record
Near Match	The new record somewhat matches an existing MSIX record, but results are not conclusive. Therefore, human review is required.



Merge Record



Validate Record Merge

This section contains all student records that have been submitted for merge validation. The user will be able to validate or reject the merging of these records. If you reject the merge, the individual student records will remain unchanged and a new MSIX ID will be created. If you validate the merge, the student records will be merged into one.

Near Matches

This section contains all student records that have been identified as potential near matches. The user can process or reject the merging of these records.

Flagged for Merge

This section contains all student records that have been flagged for merging. To initiate a merge, the user should select at least two flagged records, click the "Process Merge" button, and then assign a master record. To remove a student from the merge process, click on the "Remove from List" button.



Questions?





Near Match

Process Near Match

	🔳 DATA REQUEST	MERGE RECORD	✓ ^A SPLIT REC	ORD	MOVE NOTICE
New Worklist ID now	Near Matches				
displayed	83599	ID Male 03/17/2005	N/A	257926532	06/19/2014 1259 days in list
	Parent 1: Parent 2:	State ID:	Born in: Multi-birth: No	FULL RE	CORD
		Male 03/17/2005	744596526783	257926532	06/19/2014 1259 days in list
	Parent 1: Parent 2:	State ID:	Born in: Multi-birth: No	FULL R	ECORD
	Comments		0 / 250	PROCESS NEAR	2 MATCH
	To protect the student's privacy, do not or other Personally Identifiable Informa and in their entirety with other MSIX Us	include any sensitive information such as Socia tion in Comments fields. Comments entered wi ers.	al Security Numbers l be shared unedited	Reassign Reco	ord and a second s



Process Near Match





Process Near Match

≣ DATA REQUEST	MERGE RECORD	₽ [#] SPLIT RECORD	MOVE NOTICE
Validate Record Merge			

- 3. After clicking **Process Near-Match**, the worklist item will be moved to **Validate Record Merge** and removed from the Near-Match section. The State Data Administrator assigned to the original student record will receive a notification to validate the merge that you initiated.
- 4. The Validate Record Merge worklist item is now on the appropriate State Data Administrator's Worklist.

	45704	ТХ	FEMALE	09/22/1994	214629753517	Tx00110060	10/16/2012 1870 days in list
Parent 1: Parent 2:		State	D: TX00110060		Born in: Multi-birth: NO		Master Record
Zebasil , Soe Janeth	45704	CO	FEMALE	07/22/1994	177452443957	C000300144TR	
Parent 1: Parent 2:		State	D: CO00300144TR		Born in: Multi-birth: NO	FU	LL RECORD
Merge History							~
Comments					0 / 250	VALIDATE	MERGE
To protect the student' Security Numbers or ot Comments entered will	s privacy, do no her Personally be shared une	ot inclue Identifi edited a	de any sensitive able Information nd in their entir	information su n in Comments ety with other I	ch as Social fields. MSIX Users.	Reassign	Record



Validate Near Match

DASHBOARD	STUDENT RECORD			E Data Request	〔 → Move Notice Export 🔻			
	MSIX ID: 599225991858	state id: TX00502932TR	state: TX	gender: FEMALE	Save Record			
	Texas (TX00502932TR)				~			
🖶 WORKLIST 🛛 🔁	Florida (FL00102733TR)				~			
SAVED LIST								
E REPORTS	5. Following the verify that the	e validation of the mere e two records have be	ge, you can sea en merged. Afte	irch for the student r er selecting the stud	ecord to ent record			
E REPORTS (NEW)	navigate to the Historical Record View . The students previous state and new state are displayed, with further details nested within each. The existing MSIX ID has been assigned to the new Student Master Record.							
🗐 HELP								
🏶 MY ACCOUNT								
SIGN OUT								



Reject Near Match





Workflow for Near Match Resolution & Validation





Questions?





User-Initiated Merge

Flag for Merge

Combine multiple records for the same student

- Users can initiate a merge to request that student records be combined
- Validated through a review and approval workflow (facilitated by user worklists, action escalations, and email notifications)



1. Select a Student Record link from the list on the "Search Results for Student" page. (It is assumed that you have reviewed the student records thoroughly) In the upper right hand corner, you will see **Flag for Merge** if the student record is able to be merged with another record.



Flag for Merge

	DAT	ATA REQUEST MERGE RECORD		ني ن	∡" SPLIT RECORD		MOVE NOTICE		
Fla	agge	ed for Merge							
2-		Student(s)	State	Gender	DOB	MSIX ID	State ID	Created	
($\overline{}$	Abrego , Andres Es teban	ТХ	MALE	10/09/1999	881357466126	TX00513104TR	11/29/2017 0 days in list	~
(Abarca , Alina	ТХ	FEMALE	01/27/1996	599225991858	TX00502932TR	11/29/2017 0 days in list	~

- 2. After flagging the record to be merged, you will now see the Student Record(s) under Flagged for Merge. Expand the record to view the student details (if necessary).
- 3. Select the Student Records you would like to merge, and select Process Merge at the bottom of the queue.



PROCESS MERGE

Process the Merge

- You'll be prompted to select a Master Record. The other record(s) will become child record(s). Add notes if needed and click Confirm.
- Once complete, the Student Record(s) from the merge, will be removed from your list and the appropriate data administrator will be notified to complete the validation of the merge.

Select N	laster Record	1197117474110k	КI / Л.	X
Please se records .	elect a master record To edit the merged re	l and confirm tha ecords, select 'ca	t you wish to mer ncel' and make yo	ge the following 2 our correction.
Master	Name	MSIX ID	State ID	Date of Birth
\bigcirc	Abrego , Andres Esteban	881357466126	TX00513104TR	10/09/1999
\bigcirc	Abarca , Alina	599225991858	TX00502932TR	01/27/1996
Com	ments			0 / 250
To prote Numbers shared u	ct the student's privacy, d s or other Personally Ident nedited and in their entir	o not include any ser ifiable Information in ety with other MSIX U	sitive information such Comments fields. Con sers.	h as Social Security nments entered will be
Cancel				CONFIRM



Workflow for User-Initiated Merge





40

Questions?





Flag for Split

Separate erroneously combined students

A user can initiate a split when a record that has been incorrectly merged is encountered. The split separates a single merged record into new, separate student records. The MSIX ID will need to have at least two records to be able to initiate the split. Once a split has been initiated, MSIX automatically notifies the appropriate Data Administrator to review and validate or reject the split.

- Splits are user-initiated requests to manually separate a merged student record
- Validated through a review and approval workflow (facilitated by user worklists and email notifications)

STUDENT RECORD		🗮 Data Request	📕 Flag for Merge	₽ [■] Flag for Split	1 Move Notice Export
MSIX ID: 341561522161	state id: NJ00200660TR	state: NJ	GENDE	R: Male	Save Record

1. Select a Student Record link from the list on the "Search Results for Student" page. (It is assumed that you have reviewed the student records thoroughly) In the upper right hand corner, you will see **Flag for Split** if the student record has been previously merged.



Split Record E data request Merge record Merge record Move notice

2. After flagging the record to be split, you will now see the Student Record(s) under **Split Record**. Expand the record to view the student details (if necessary).

Student(s)	Worklist ID	State	Gender	DOB	MSIX ID	State ID	Created	
		ID	Male	02/08/2007		571275888	10/02/2017 59 days in list	
Parent 1: Parent 2:		State ID:			Born in: Corpus Cristi , Texas Multi-birth: No	FULL	RECORD	
New, Parl Score	88308	ТХ	MALE	02/09/2007	12000120000000	02094629AIC	10/02/2017 59 days in list	
Parent 1: Parent 2:		State ID	:		Born in: CORPUS CHRISTI , Texas Multi-birth: NO			^
Split History								~
Comments					0 / 250	VALIDAT	E SPLIT	
To protect the student's Comments fields. Comme	privacy, do not include any sensi ents entered will be shared une	tive information dited and in their	such as Social Sec entirety with othe	urity Numbers or other Personally Id r MSIX Users.	entifiable Information in	Reassign	Record	



Process a Split

- Expand the appropriate Split Record worklist item to view the student details. After a concise and thorough review, if you determine that the student should be split, click Process Split.
- 4. Once complete, the record from the split will be removed from your worklist and the appropriate Data Administrator will be notified to complete the validation of the split. An example of this notification is displayed.





Rejecting the Split

- After receiving the split record request from another user, the Data Administrator determined that the student record was not erroneously merged for various reasons. You can view the **Split History** to view the corresponding workflow for the record. Enter a detailed comment into the comment box, and select **Reject Split**.
- 6. After rejecting the split, the record will be removed from the validate split worklist and the appropriate Data Administrator will be notified that the split was rejected with any corresponding comments made by the rejecting party. *An example of a rejected split notification is displayed.*





46

Workflow for Split





Questions?



Merge/Split: Best Practices

- When Merging and Splitting students answer the same question: "Are these records for the same student?"
- Data does not need to be identical for the records to be for the same student
- Individual data elements submitted by each state will be preserved and accessible on the student's Historical View, regardless of how a worklist is resolved
- States can continue to provide new and updated data for students *after* worklists are resolved
- Merge resolution decisions can be reversed later using the Split function
- Decisions and comments made by users on previous worklist items can be viewed using the Worklist History
- Users can reassign worklist items to other users, if necessary
- Student records in pending near match and merge validation are not viewable to other users so timely resolution is important
- Rejecting near matches will create a new MSIX ID for the record. Users should carefully review this so that duplicate records are not created





Auto Escalation & Worklist Assignment

Auto Escalation

Auto Escalation

Worklist items are automatically escalated

- MSIX will automatically escalate unresolved worklist items
- Worklist items are escalated to the next level of Data Administrators (DDA → RDA → SDA)
- The escalation timeline and hierarchy is displayed in the table below.

Escalation Timeline								
State Hierarchy	District Level	Regional Level	State Level	Total Escalation Timeframe				
District, Regional & State	1 week	1 week	1 week	3 weeks				
District & State	1 week		2 weeks	3 weeks				
Regional & State		1 week	2 weeks	3 weeks				
State			3 weeks	3 weeks				

Auto Escalation – Approval

Worklist items are automatically processed

- Validate Worklist items (Near Match, User-Initiated Merge, and User-Initiated Split) can be automatically processed
- This prevents student records from being held-up for long periods of time while worklist items are pending
- Near Match Worklist items are not initially reviewed or initiated by a Data Administrator. Therefore, these worklist items will not be automatically processed



Merge/Split Assignment





Questions?



Contact Info & Additional Resources

Katelynn Fedele Kfedele@deloitte.com

Tali Cohen tacohen@deloitte.com

MSIX Help Desk msixsupport@deloitte.com

Telephone: 1-866-878-9525

9:30 AM - 6:30 PM Eastern Time

Monday through Friday, except Federal Holidays

MSIX Resources | MDE List:

https://msix.ed.gov/ > Login > <u>RESOURCES</u> > MDE List

MSIX Resources | Help: https://msix.ed.gov/ > Login > <u>RESOURCES</u> > Online Help

