

A background image showing a close-up of several hands of different skin tones stacked on top of each other, symbolizing unity and teamwork. The hands are positioned in the center of the frame, with fingers pointing towards the center. The background is slightly blurred, showing more hands and arms in the periphery.

TSDS Upgrade Project

Texas Education Agency

August 2023

SESSION AGENDA

PILOT PROGRAM

2022-2023

PARALLEL SUBMISSION

2023-2024

NEXT STEPS

Recommended Actions

OPEN DISCUSSION

Questions and Comments





PILOT PROGRAM

Pilot Program

A small-scale, short-term evaluation that helps an organization learn how a large-scale project might work in practice.

**Clear
Goals**

**Test
Group**

**Time
Length**

**Capture
Feedback**

**Action
Response**

PILOT PROGRAM GOALS



Active Vendor Involvement

Regional ESC Support

Initial Testing of 25+ LEAs

Various Product Integrations

LEA Custom Solutions

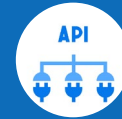
ECDS KG Collaboration

Vetting of TEA Resources

PREPARING FOR DEPARTURE



PURPOSE: Provide **vendors** the ability to **develop** their product solutions and conduct **initial testing** with their LEAs.



Integration



Data Output



End-to-End

PEIMS
Fall

Child
Find

Class Roster
Fall

Class Roster
Winter

9

VENDORS

34

LEAs

17

REGIONS

FLIGHT MANIFEST

PILOT VENDORS



AERIES



FRONTLINE
EDUCATION



POWERSCHOOL



ASCENDER



HARRIS SCHOOL
SOLUTIONS



SKYWARD



FOCUS SCHOOL
SOFTWARE



INFINITE
CAMPUS



TYLER
TECHNOLOGIES

FLIGHT MANIFEST

PILOT LEAS



Arlington



Avery



Basis Texas



Bryan

Cedars Int'l
Academy

Coppell



Eagle Pass



Edna



Fort Worth



Gainesville



Gladewater



Gold-Burg

Hurst-Euless-
Bedford

Keller



Lake Worth



Leon



Little Elm



Lorena



Magnolia



Moody



Perryton



Princeton



Richardson



Royse City



San Angelo



San Benito



Sharyland



Sivells Bend



Sweetwater

Texas Tech
University K-12

Tomball

Uplift
Education

Woodville



Ysleta

PILOT FLIGHT PLAN



SEPTEMBER 2022

2022-2023 SDK Released
Pilot Vendor Commitments

OCTOBER 2022

Pilot Nominations

JANUARY 2023

TEAL, Parallel Portal, &
DMC Configuration for Pilot LEAs

APRIL - JULY 2023

Complete End-to-End
Testing with LEAs

VENDOR SUPPORT

PILOT LEAs

END-TO-END

PILOT TRAINING

FEEDBACK

COHORT 1

COHORT 2

AUGUST 2022

TEDS Post-Addendum

DECEMBER 2022

TEA Testing, SDK Update,
Pilot LEA Selections (Initial)

FEBRUARY 2023

Data Promotion
L1.5 Filters

MARCH 2023

Cohort 1: Advanced Testing
Cohort 2: Initial Kickoff & Setup

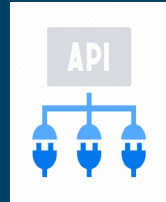
AUGUST 2023

Vendor & LEA Feedback
Lessons Learned



FLIGHT TRACKER

9
MONTHS



VENDOR INTEGRATION & SUPPORT

SDK & Staging Environment
TEDS, Webinars, Vendor Coordination Meetings

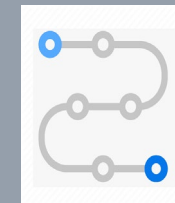
5
MONTHS



DATA PUBLICATION

LEA Coordination
Level 1 Errors & Incremental Data

3
MONTHS



TESTING

Data Counts
TEA Use Cases

IN-FLIGHT ANNOUNCEMENTS

9

VENDOR WEBINARS

6

REGIONAL PRESENTATIONS

5

CONFERENCES



THIS IS YOUR CAPTAIN SPEAKING

STATEWIDE VENDOR WEBINARS

Aug. 2022: Kickoff

Dec. 2022: SDK Update

Mar. 2023: Status

Sep. 2022: SDK

Jan. 2023: Cohort 1

May 2023: Namespace

Oct. 2022: Exchange

Feb. 2023: Cohort 2

Jun. 2023: SDK Update

FCN WEBINARS

September 27, 2022

January 17, 2023

April 18, 2023

October 18, 2022

February 21, 2023

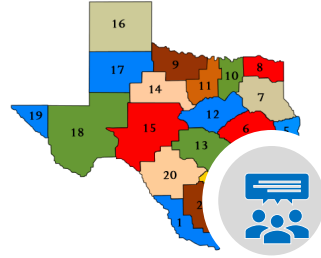
May 23, 2023

December 13, 2022

March 22, 2023

June 20, 2023

ARRIVED AT YOUR DESTINATION



ESC REGIONS

April 2023	ESC-7
May 2023	ESC-10
May 2023	ESC-6
May 2023	ESC-11
June 2023	ESC-1
June 2023	ESC-17
August 2023	ESC-15
August 2023	ESC-10
September 2023	ESC-7



CONFERENCES

Feb. 2023 **TASBO Engage
SLDS Best Practices**

Apr. 2023 **TSUN**

Jun. 2023 **TASBO Summer
ASCENDER**

SELF-SERVE INSTRUCTIONS (LEAs)

5

CLICK SHEETS & VIDEOS

- ☐ Requesting Access to Parallel Portal
- ☐ Generating Key and Secrets
- ☐ Requesting Access for Promotions
- ☐ Verify PEIMS Record Counts
- ☐ Verify CORE Record Counts



MAINTAINING ALTITUDE (VENDORS)



Software Development Kit



Staging Environment



Ed-Fi Handbook



Domain Dependency



MetaEd Files

SUPPORTING THE PILOT



394

Tickets Submitted

TIMS (LEAs): 137

Vendor Portal: 257

336

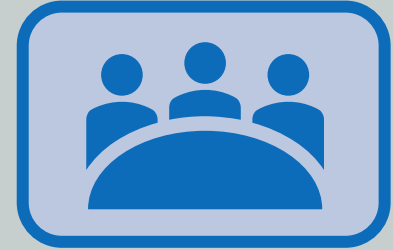
Tickets Resolved

ON CALL SERVICE



VENDOR COORDINATION:

Scheduled meetings with each pilot vendor to assist with their specific issues.



PILOT LEA WEBINARS:

Three webinars with all 34 Pilot LEAs to provide specific guidance and use case testing for pilot data submissions.



Class Roster



Child Find



PEIMS Fall

FEEDBACK CAPTURED

*Regular
meetings
with TEA!*

*Reviewing the changes
that we will see in the
future.*

*Being able to get a
look at the screens
and processes before
going live.*

*Weekly meetings to
discuss discoveries of
missing data,
validation triggers,
and processes.*

Providing the vendors dedicated time to do discovery and programming.

CHALLENGES ENCOUNTERED

*Integrating with
vendor products
and connection*

*Learning the new
titles for the Ed-Fi
components*

*Figuring out what
the errors meant*

*Lack of formal
training for LEAs*

*Unable to test
against live data*

*Unable to get all
data published*



CHANGES RECOMMENDED

Provide videos or webinars to walk users all way through the process

Provide technical resources to assist users with parallel comparison testing

Provide better identification and explanation of errors for troubleshooting

Provide meetings with TEA, LEAs and vendors to resolve issues and share best practices

Provide more transparency on when data is loaded to Transition Zone within the DMC



The background of the slide is a photograph of a person's hands interacting with a laptop. One hand is holding a blue pen and pointing at the laptop screen, while the other hand is on the keyboard. The background is blurred, showing what appears to be a classroom or office setting with windows and books.

PARALLEL YEAR

Parallel Submission

Running multiple versions of an application concurrently and testing of the same input on different systems.

**Clear
Goals**

**Test
Group**

**Time
Length**

**Capture
Feedback**

**Action
Response**

PARALLEL SUBMISSION GOALS



Complete Vendor Readiness

Various Product Integrations

Testing of 300+ LEAs

Regional ESC Support

Testing of All Custom Solutions

Vetting of TEA Resources

Testing of All TSDS Submissions



WHO IS REQUIRED?



ALL

Source System Vendors

ALL

Custom Solutions

ALL

Education Service Centers

TRAINING



SUPPORT



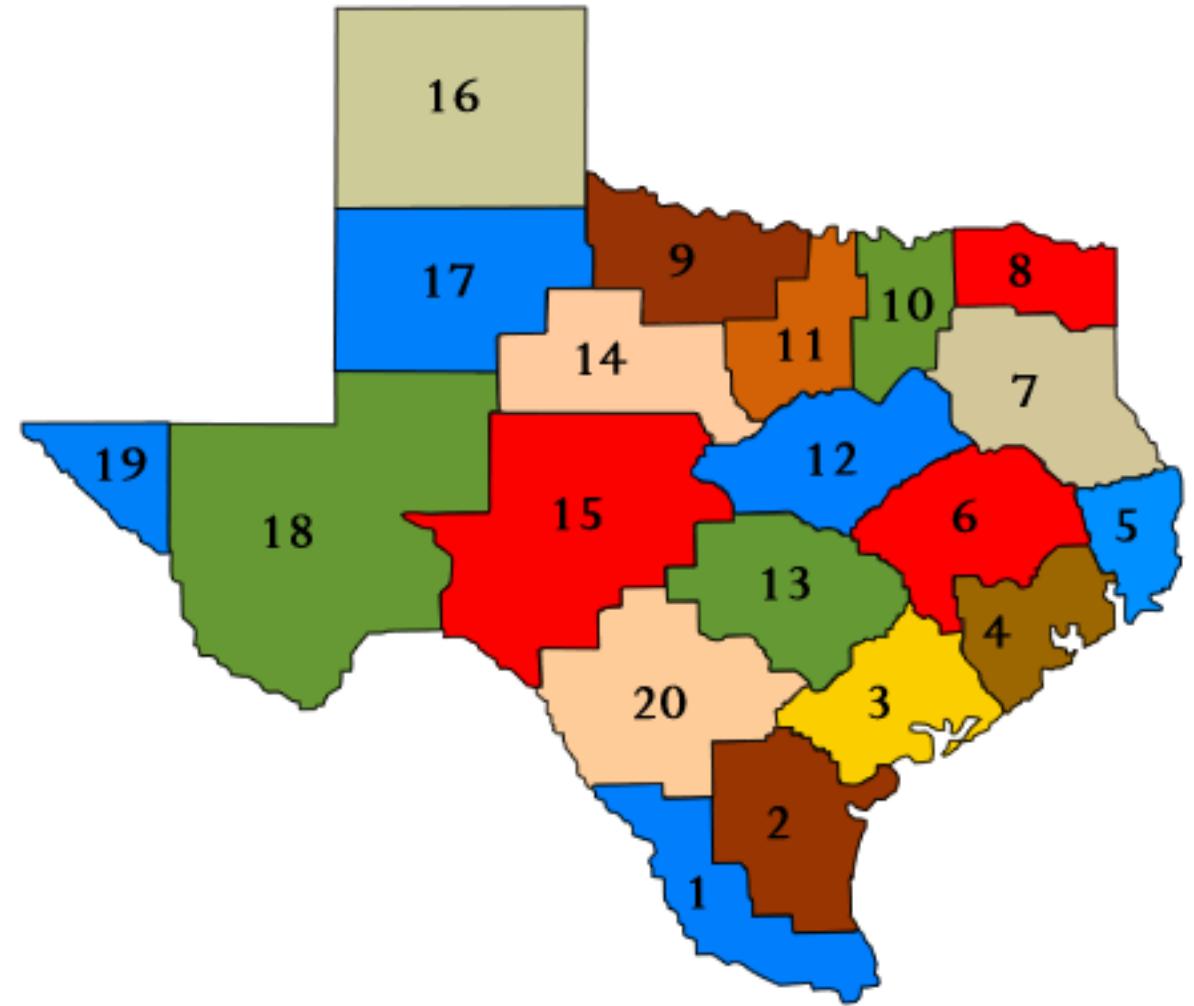
WHO IS PARTICIPATING?

342

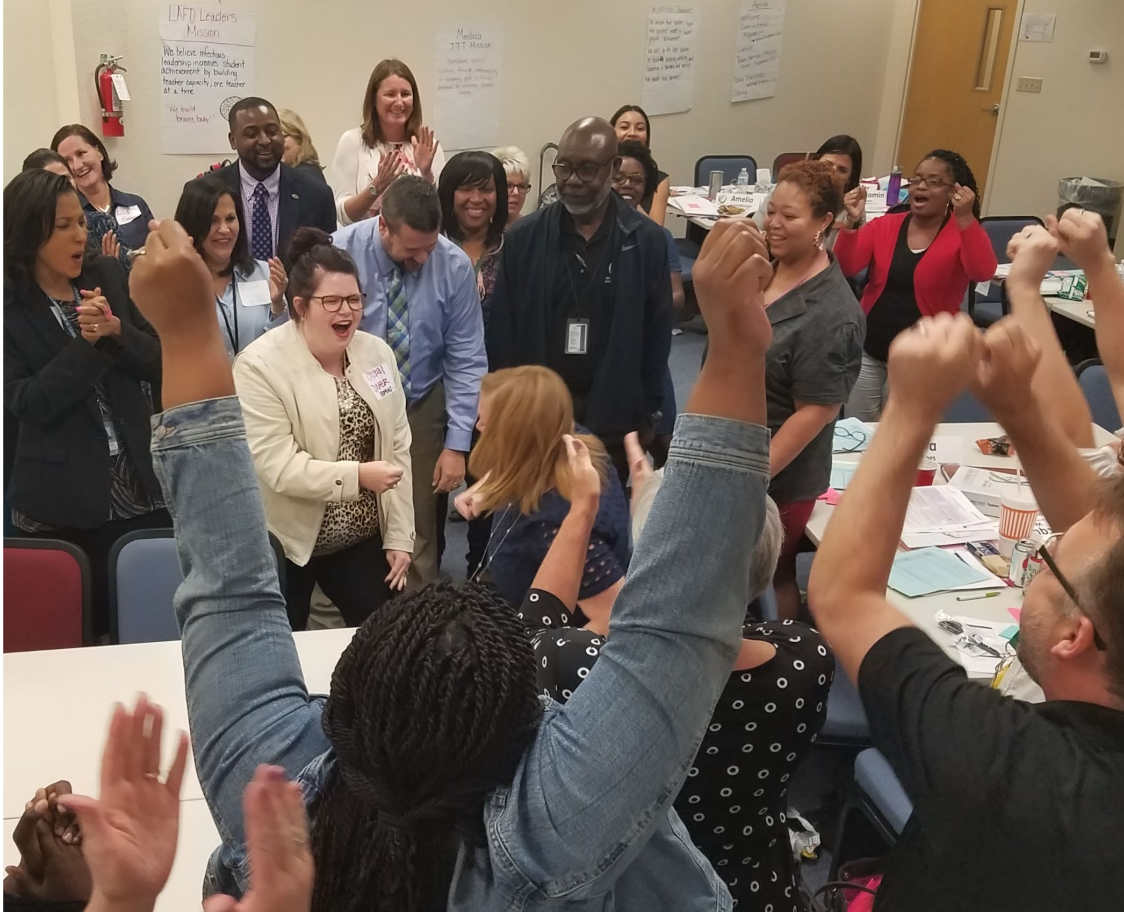
Local Education Agencies

3 Million

Student Enrollment

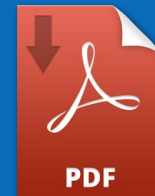


PARALLEL LEA ACCEPTANCE



**BY
AUGUST
14**

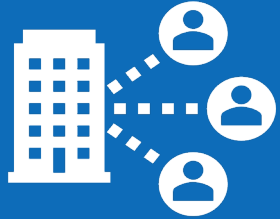
TEA will inform any
LEA accepted to the
2023-2024 Parallel
Submission via email.



Download:
[2023-2024 Parallel LEAs](#)

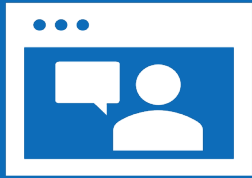


VENDOR EXPECTATIONS



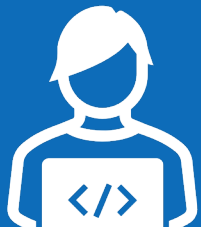
PARTICIPATION & DATA SUBMISSIONS

- All vendors are required to participate in the 2023-2024 Parallel Submission.
- All vendors should provide “live” data, whenever possible, for parallel testing.
- All vendors should ensure data is available prior to published due dates.



TRAINING & SUPPORT

- All vendors are responsible for providing any applicable training for their product(s).
- All vendors are responsible for resolving Level 1 errors in a timely manner.
- All vendors should obtain access to the TSDS Vendor Support Portal to submit issues to TEA.



VENDOR READINESS

- All vendors are required obtain a TSDS Compatible Designation by the 2024-2025 Go-Live year.
- All vendors are required to test and support each of their TSDS data submissions.
- All SIS and HR/Finance vendors will need to obtain the necessary Ed-Fi certification.

ESC EXPECTATIONS



PARTICIPATION & DATA SUBMISSIONS

- All ESCs are required to participate in the 2023-2024 Parallel Submission.
- All ESCs should coordinate with their vendor for onboarding and support.
- All ESCs should test and verify their required TSDS PEIMS submissions.



TRAINING & SUPPORT

- All ESCs are responsible for providing TSDS training to their participating LEAs.
- All ESCs are responsible for Level 2 support for their participating LEAs.
- All ESCs should attend webinars and continuous trainings throughout the Parallel Submission.



FEEDBACK & RESPONSE

- All ESCs are responsible for ensuring active LEA participation throughout the Parallel Submission.
- All ESCs should develop effective strategies to solicit feedback from their participating LEAs.
- All ESCs should share best practices and be actively involved in vetting TEA resources.

LEA EXPECTATIONS



PARTICIPATION & DATA SUBMISSIONS

- All LEAs accepted by TEA are required to participate in at least one TSDS data submission.
- All LEAs should coordinate with their vendor(s) for onboarding and support.
- All LEAs should attend the TSDS training provided by their ESC prior to testing.



ACCESS & TESTING

- All LEAs are required to obtain the appropriate access to the parallel environment.
- All LEAs should compare data, validations, and reports to complete their testing.
- All LEAs should collaborate with their ESC and vendor(s) on identified issues.



FEEDBACK & RESPONSE

- All LEAs should implement effective strategies to ensure continuous progress.
- All LEAs should coordinate with their ESC and vendor(s) to develop best practices.
- All LEAs should submit enhancement requests through TIMS tickets.

ONBOARDING GUIDANCE



The onboarding strategy may vary from vendor to vendor and product to product.

A vendor may choose to onboard their LEAs in stages to ensure a high level of support.

A vendor may choose to establish testing cohorts based upon TSDS data submissions.

A vendor should have all their participating LEAs onboarded successfully by January 2024.

A vendor must have their LEAs certify their data submissions for TSDS Compatible Designation.



LEVERAGING FROM PILOT



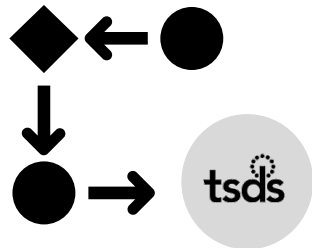
STATEWIDE WEBINARS

Includes Field Coordination Network and vendor webinars, as well as submission-based webinars for participating LEAs.



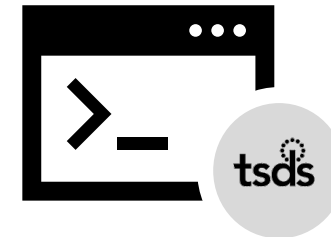
VENDOR COORDINATION

Includes vendor meetings with TEA to provide guidance, resolve roadblocks, and ensure effective progress.



TESTING GUIDANCE

Includes resources, guidance, and specific use cases to assist in testing for each TSDS data submission.



TECHNICAL RESOURCES

Includes Software Development Kit, Staging environment, Swagger, Ed-Fi Handbook, and technical guidance documents.

PARALLEL SUBMISSION



SEPTEMBER 2023

DMC Configuration
Data Publication
Resolve L1 & L1.5



KICKOFF

JANUARY 2024

ECDS KG
PEIMS Mid-Year
PEIMS Fall (resub)



JUNE 2024

PEIMS Summer
ECDS PK
SELA



OCTOBER 2023

Class Roster Fall
Charter School Waitlist

MARCH 2024

Class Roster Winter

SUBMISSION-BASED WEBINARS & RESOURCES

PARALLEL START

INITIAL TESTING

CHECKPOINT

ADVANCED TESTING

PARALLEL END

TSDS COMPATIBLE DESIGNATION

AUGUST 2023

ESC Training
LEA Acceptance
Vendor Integration



DECEMBER 2023

PEIMS Fall
RF Tracker

FEBRUARY 2024

SPPI-14
PEIMS Mid-Year (resub)



MAY 2024

Advanced DMC Functions
Training & Support Feedback

BEST PRACTICES

JULY 2024

Child Find
RF Tracker
PEIMS Summer (resub)



UPCOMING IMPORTANT DATES



**AUG.
7**

Parallel Submission Open

- 2024 IODS
- TEDS 2024.1.0 (March 2023)

**OCT.
19**

Class Roster Fall

- Submission Due
- Comparison Testing

**AUG.
14**

LEA Acceptance

- TEA Notification
- Vendor Coordination

**OCT.
27**

Charter School Waitlist

- Submission Due
- Comparison Testing

Late August/Early September: SDK Update / Staging Environment TEDS 2024.2.0 (July 2023)





NEXT STEPS

1**Communicate****Prior to Onboarding**

Reach out to each accepted LEA to establish or identify the onboarding plan to set expectations on training and support.

2**Obtain Access****Prior to Training**

Provide guidance and support for each accepted LEA to obtain the necessary access for the parallel environment.

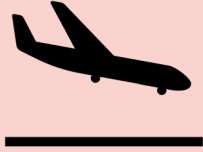
3**Provide Training****Prior to Testing**

Ensure proper product training (vendor) and TSDS training (ESC) has been completed prior to the start of testing.

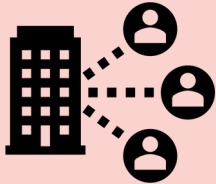
4**Support****Throughout**

Effectively monitor progress and actively support the participating LEAs throughout the Parallel Submission year.

KEY TAKEAWAYS



TEA has **concluded** the **Pilot Program** and will continue to solicit feedback from those that participated.



All **vendors** are **required** to **participate** in the 2023-2024 Parallel Submission with their accepted LEAs.



TEA will notify all **LEAs accepted** the 2023-2024 Parallel Submission by **August 14, 2023**.



Vendors and ESCs should coordinate with participating LEAs regarding their **onboarding** and **support plans**.

AVAILABLE RESOURCES



[List of Parallel LEAs](#)

- Subject to change



[TSDS Upgrade Project](#)

- More updates coming soon



[TSDS Training Materials](#)

- Resources for ESCs



[SDK - Installation Guide](#)

- Resource for vendors



OPEN DISCUSSION

A photograph of a group of people seated at tables in a meeting room. Several individuals have their hands raised, suggesting an interactive session or a Q&A period. In the foreground, a woman with long brown hair and glasses is seen from the side, her hand raised. Next to her, another woman with short dark hair and glasses is also looking towards the front. A laptop is open on the table in front of them, displaying a web application. In the background, other participants are visible, some with their hands raised. A professional video camera on a tripod is positioned to the right, capturing the event. The room has blue walls and white chairs.

QUESTIONS