Texas is building for the future

The Texas Education Exchange is a new data solution that delivers real-time insights to educators.

The Exchange provides a way for districts across the state to easily access the tools they need to bolster student success.
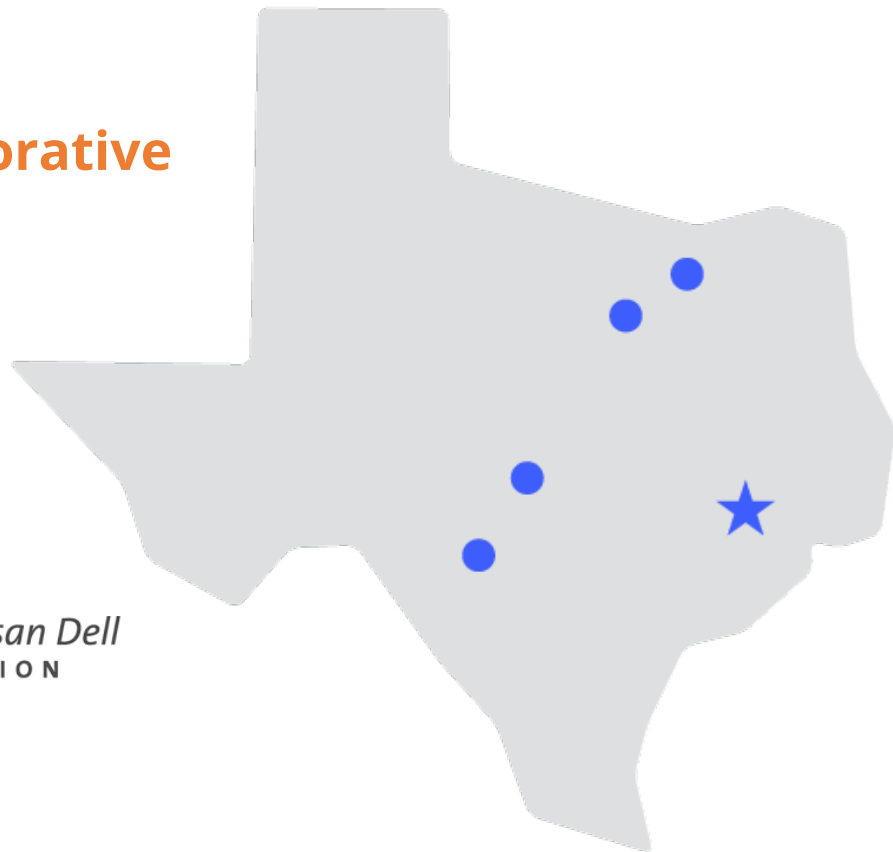
The Exchange is made *for* Texas *by* Texas

Five founding regions lead the
Texas Education Exchange Collaborative

The Texas Education Agency
provides financial and thought
partnership to ensure success

Educators miss opportunities to positively impact students due to lack of timely, relevant information

The Exchange

Educators expressed frustration with accessing timely and relevant data

School Leaders   Administrators

Teachers

ESC Leaders   Coaches

**1,000+ Educators
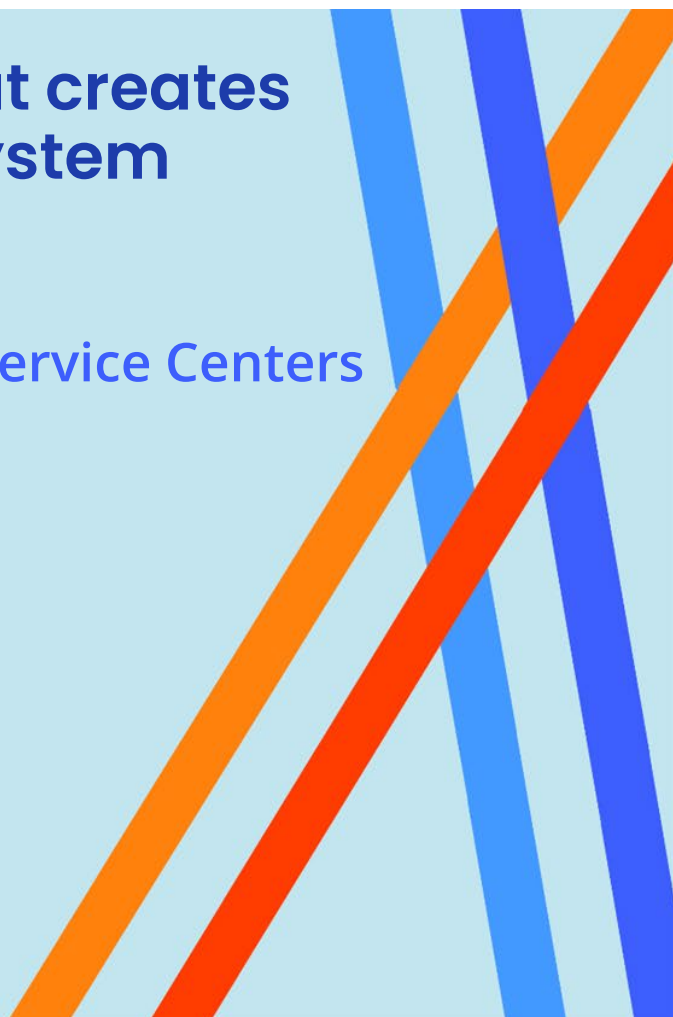across
20 Education Service Centers**

District Leaders   Counselors

Registrars

Technology Leaders   Curriculum Specialists

The Exchange is a data solution that creates connections in a fragmented ecosystem

> Made and supported by Texas Education Service Centers

> Flexible and customizable

> Strong foundation for innovative idea
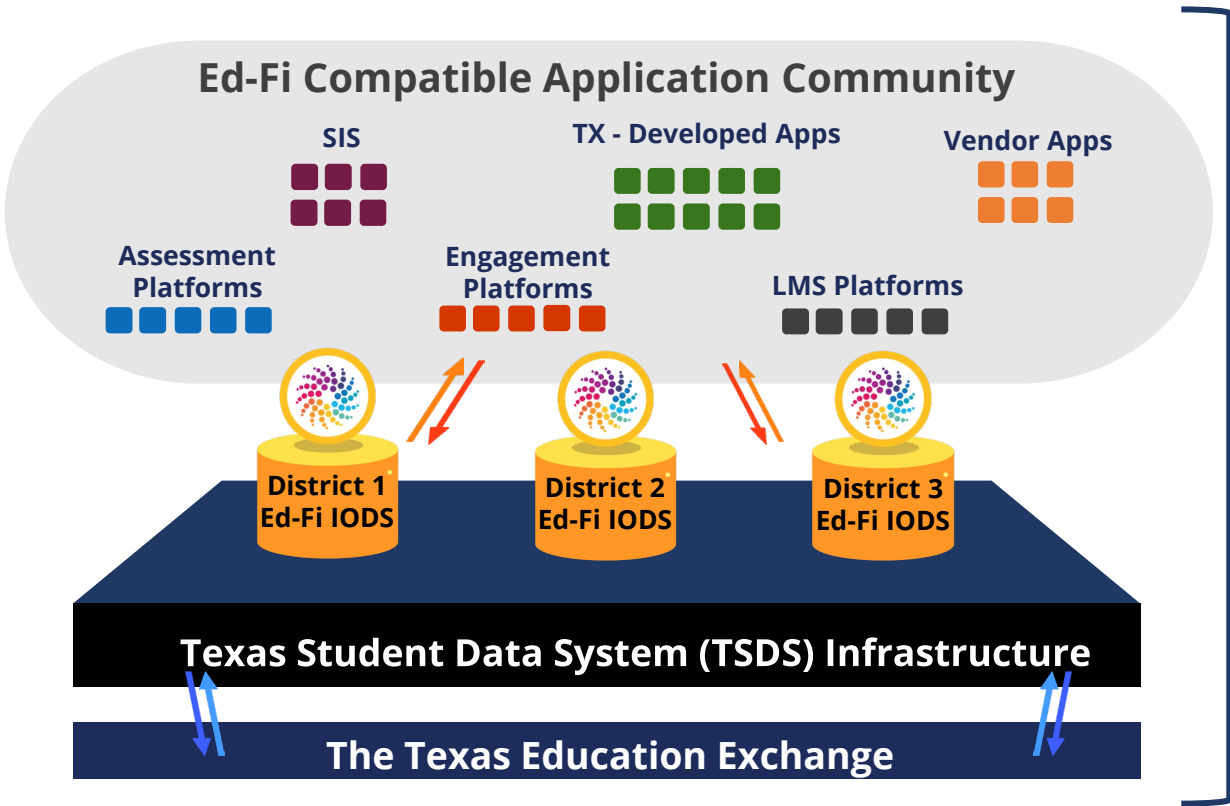
> Building for the future

The Exchange leverages the Ed-Fi Data Standard

- The Exchange is working toward expanding a **common language across Texas.**

- Ed-Fi is a **data standard,** a set of rules that establishes a **unified structure** for educational data.

- Ed-Fi is **free** and **open source.**

- Ed-Fi provides a **user support community**

The Texas Education Agency is modernizing data connections through its Texas Student Data System

Ed-Fi Compatible Application Community

SIS

TX - Developed Apps

Vendor Apps

Assessment Platforms

Engagement Platforms

LMS Platforms

District 1 Ed-Fi IODS

District 2 Ed-Fi IODS

District 3 Ed-Fi IODS

Texas Student Data System (TSDS) Infrastructure

The Texas Education Exchange

The Exchange

➡ **Educator Impact**

Education data are included in a **single location** and can easily flow among data systems, limiting time spent on reporting.

Early use cases address Texas educators' biggest challenges

Challenges

Solutions

Outdated and erroneous data negatively impacts funding

➤ ODS Health Check

Educators spend hours logging into multiple systems to access data and do not have a clear, holistic view of student progress

➤ Single pane view of student programs and services

Countless hours spent manually rostering lead to errors and delays

➤ Roster synchronization and integration across applications

Teachers wait weeks to receive essential data for transferring students, delaying differentiated instruction

➤ Portable Student Records

The Exchange

A single pane view of student information benefits teachers
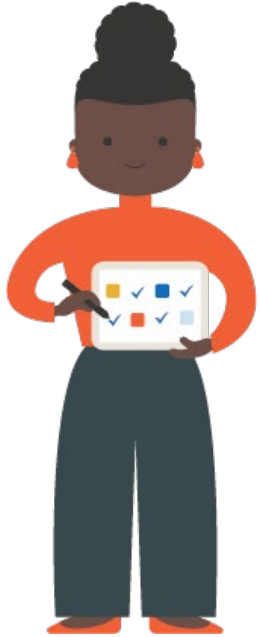
"We can have daily conversations about individual students or large groups of student populations."

The Exchange

- Conduct discussions with parents using tools to visualize student data

- Understand student performance and needs

- Easily access holistic student data

- Collaborate with teachers to strengthen and support a strong campus data culture

# The Exchange will connect districts with impactful tools quickly

CCMR Insights will be available this Fall on The Exchange

- Designed to keep high school students on track for Career, College, and Military Readiness
- Connects seamlessly with an LEA's SIS via Ed-Fi
- Helps schools predict outcomes bonus funding to inform plans to reinvest those dollars in CCMR programs
- Hosted and supported by Region 10 ESC
- ROI can pay for Insights and Exchange software

CCMRINSIGHTS
POWERED BY REGION 10 ESC AND ED-FI

The Exchange

CCMR Insights dashboards accentuate key student insights
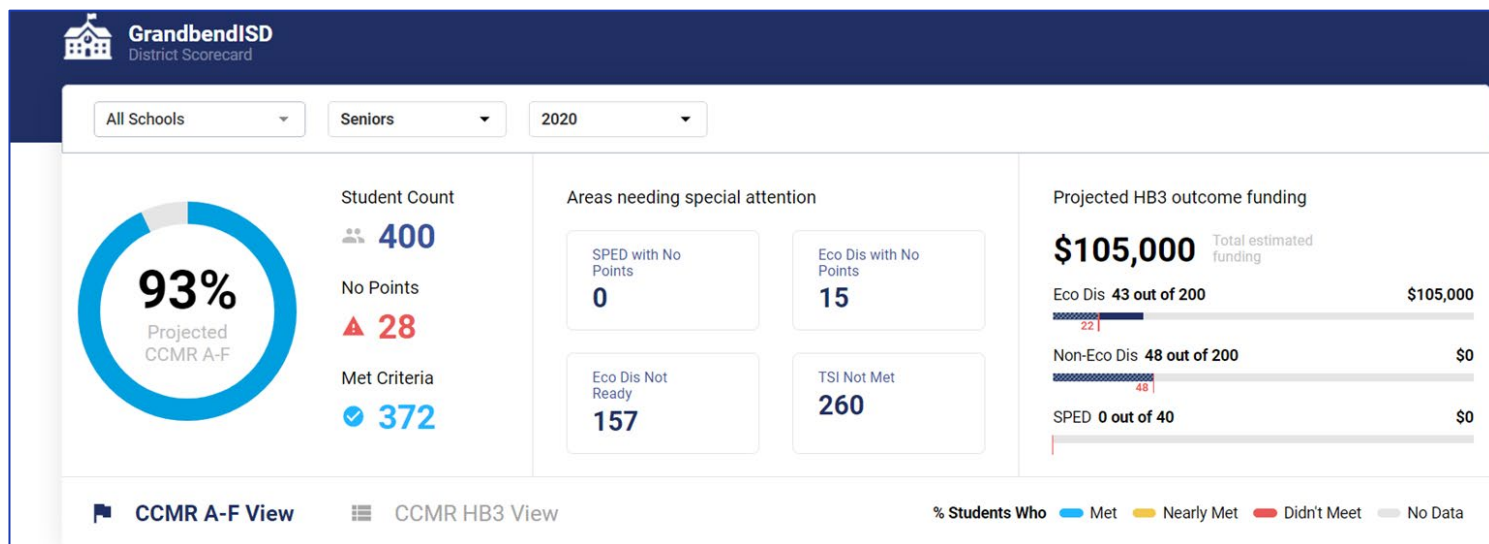
"It provides the insight to know where our students are being successful and allows us to see their gaps."

-Mesquite ISD Leader

The Exchange cultivates, integrates & governs applications across software providers

The Texas Education Exchange

District Implementation Support

Exchange Developed Apps and Marketplace
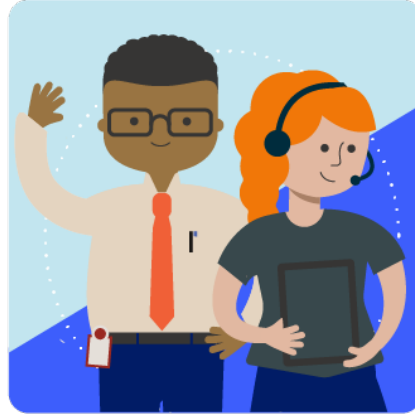(For optional district use)

Software Provider Integration

Community Building Platform

The Exchange

The Exchange connects districts, regions and the state in new and innovative ways

More efficient data standards alignment & integration will save time & resources.

Wraparound services, enhancing data utilization, analysis & security.

Access to **best-cost options** from software providers for tools that meet their needs.
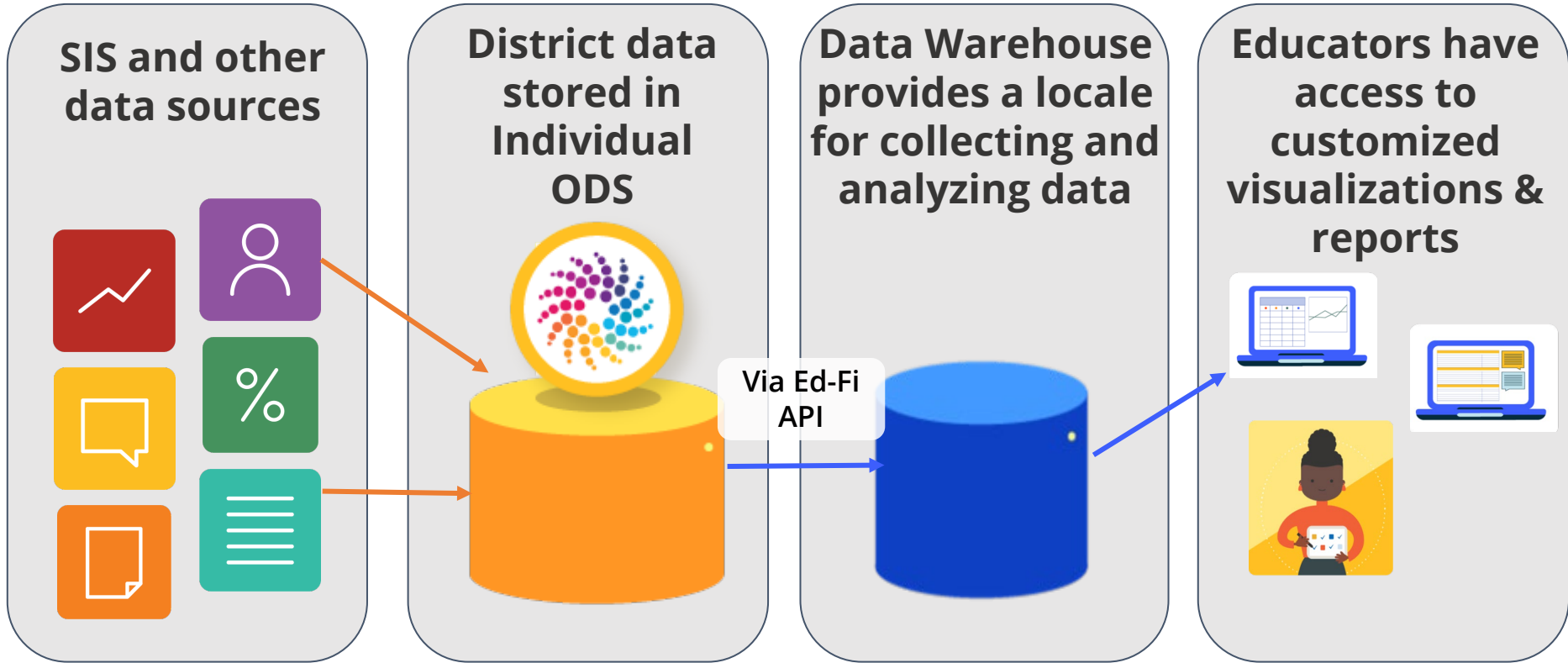
The Exchange

Cybersecurity efforts at the state and local level underpin The Exchange

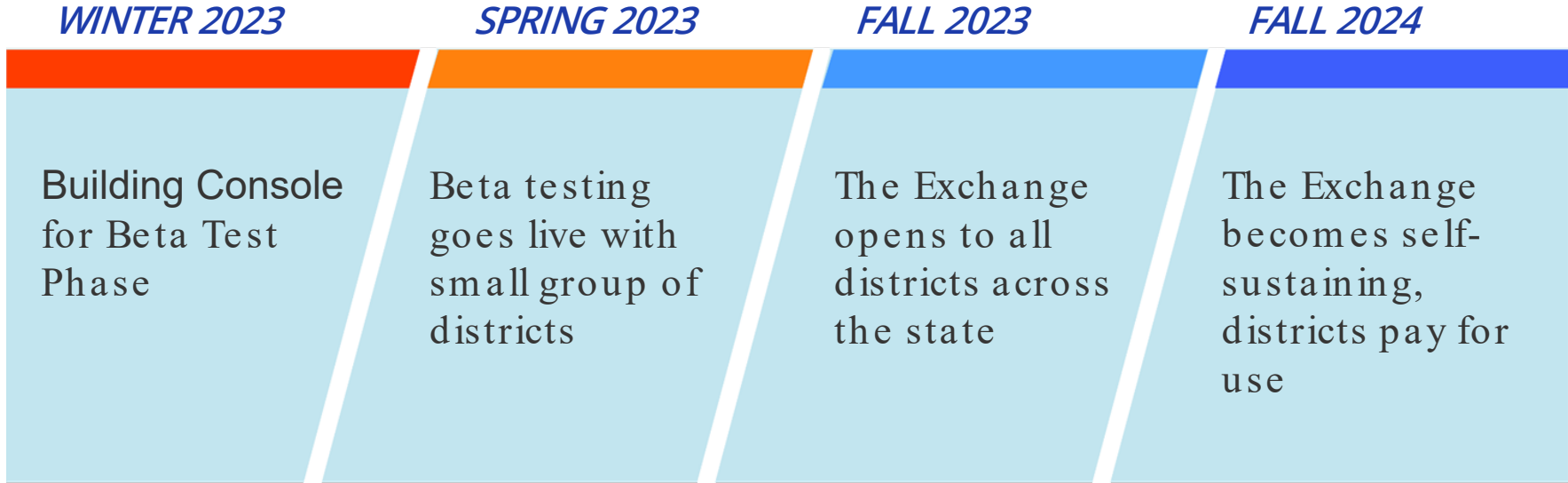- Ed-Fi technology protects **data confidentiality** and **integrity**.

- Data remains entirely **under the ownership of its respective district** who has decision-making power for data access and use.

- Data will reside in a district's **IODS**, replacing antiquated storage methods.

- Data will transfer among applications in a "**closed system**" reducing security risks via manual uploads.

The Exchange

Beta High Level Architecture

SIS and other data sources

District data stored in Individual ODS

Data Warehouse provides a locale for collecting and analyzing data

Educators have access to customized visualizations & reports

Via Ed-Fi API

The Exchange

We have an ambitious timeline for The Exchange

WINTER 2023

Building Console for Beta Test Phase

SPRING 2023

Beta testing goes live with small group of districts

FALL 2023

The Exchange opens to all districts across the state

FALL 2024

The Exchange becomes self-sustaining, districts pay for use

The Exchange

Educators can improve student success with data that works *for* them

✓ Allows for **timely access to relevant data.**

✓ Provides educators a **snapshot of how students are performing** and what their needs may be in the classroom.

✓ With relevant data flowing between systems and timely information, educators can add time back to their day to **focus on student outcomes.**

Want to learn more about The Exchange?

Visit us online and sign up to receive updates txedexchange.net

And sign up for [Ed-Fi 101](Ed-Fi 101) with the Ed-Fi Alliance to learn how it can impact your schools

Questions?

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