Introductory Workshop: Data. Its Easier Than You Think

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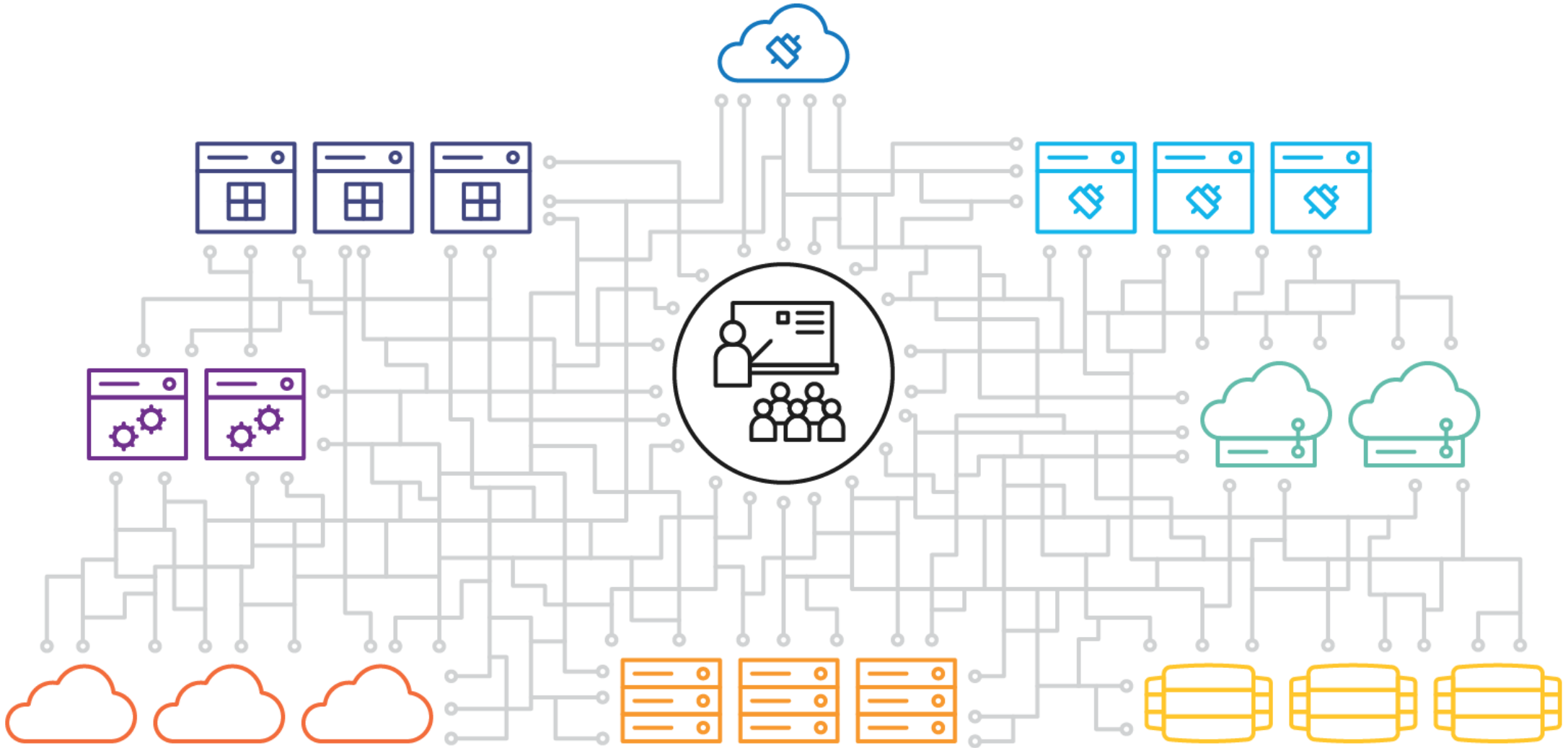
What are your current student data challenges?

Student data challenges we see:

- Inaccurate
- Outdated
- Incomplete
- Too slow to be useful in real time
- Too complex to be understood easily
- Restrictive
- Siloed



data interoperability

— NOUN [/dae-tuh ˌin(t)ərˌäp(ə)rəˈbilədē/]

The seamless, secure, and controlled exchange of data between applications.

SIS Data
API
Assessment Data
API
Finance Data
API
The Ed-Fi Operational Data Store (ODS)
API
Data Visualization

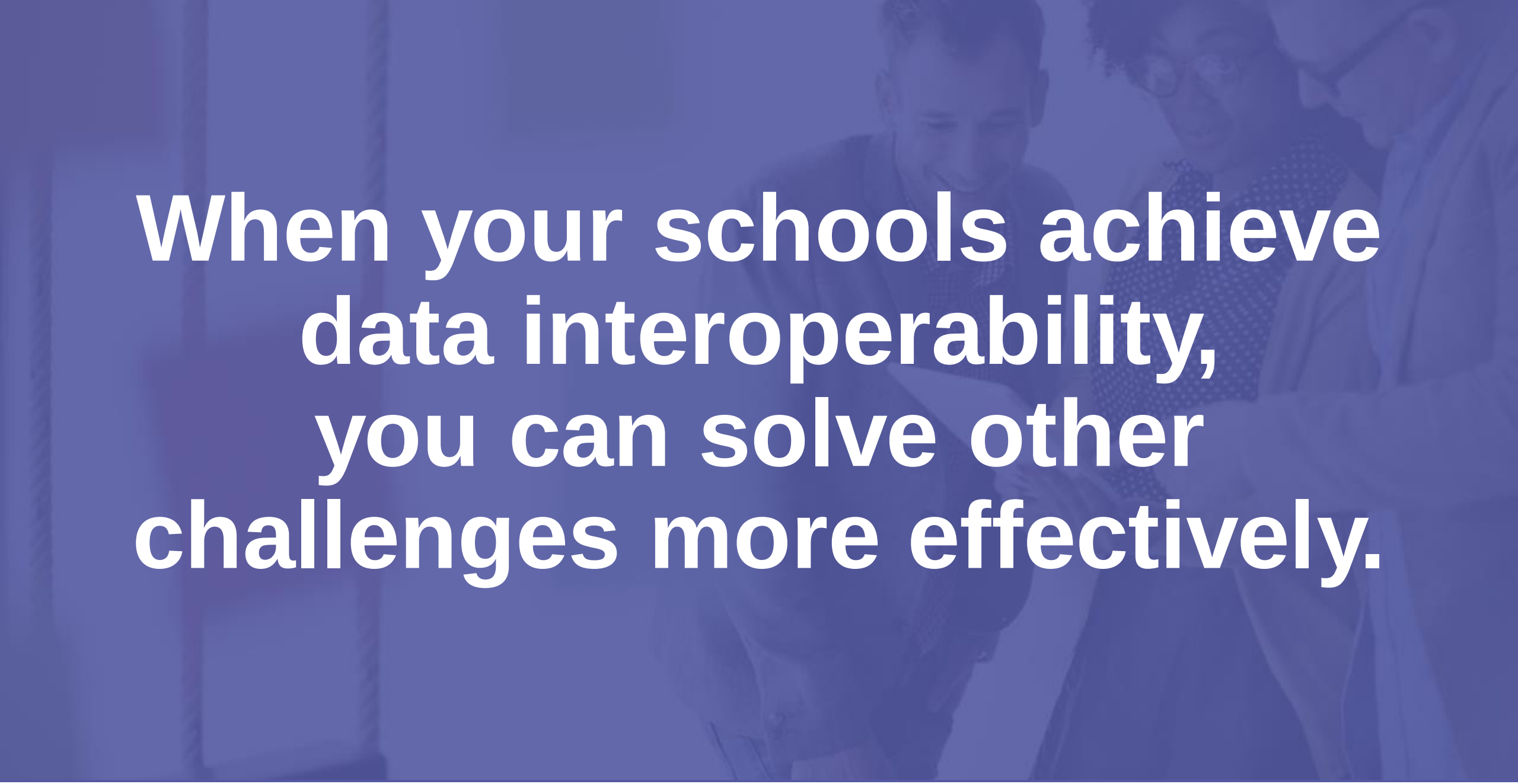
Leveraging data interoperability will …

Give you a complete view of each student

Allow data to move between systems securely and seamlessly—while protecting data privacy

Empower *you* to control your data, not a third party. You're not just subject to the baseline offerings vendors offer

Let you choose the best instructional tools available



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Data Can Solve Big Challenges in Your District

Ensure Equitable Access for Students

Understand, analyze and take supportive actions with data to uncover gaps in students' access and participation in your school's educational offerings.

Engage Online Learners

Help instructional staff keep classroom learners engaged in their coursework.

Address Chronic Absenteeism

Help students sooner with up-to-date and accurate attendance data.

Strengthen Family Engagement

Connect family to the information and insights they need about their students.

Harness Multiple Measures of Assessment

Help school staff identify if students are improving over time through multiple assessment measures.

But what does that mean for *you*?

- Transparency into student learning & what's impacting it
- Real/near-real time insight from multiple measures of data
- Understand individual and aggregated learning outcomes/achievement
- Flexible, scalable, and responsive data architecture
- Future-proof and sustainable data architecture
- Select the best tools on the market

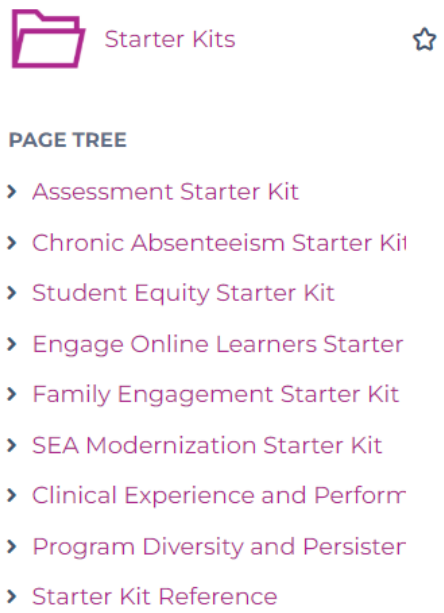
Start with the Starter Kits

1. Go to ed-fi.org

2. Get Started by creating an Account or Log in

3. Directs you to open Ed-Fi Tech Docs techdocs.ed-fi.org

4. Find Starter Kits on the left-hand bar



Starter Kits contain links to resources and step-by-step instructions that can help you and your organization get up and running quickly with an Ed-Fi solution.

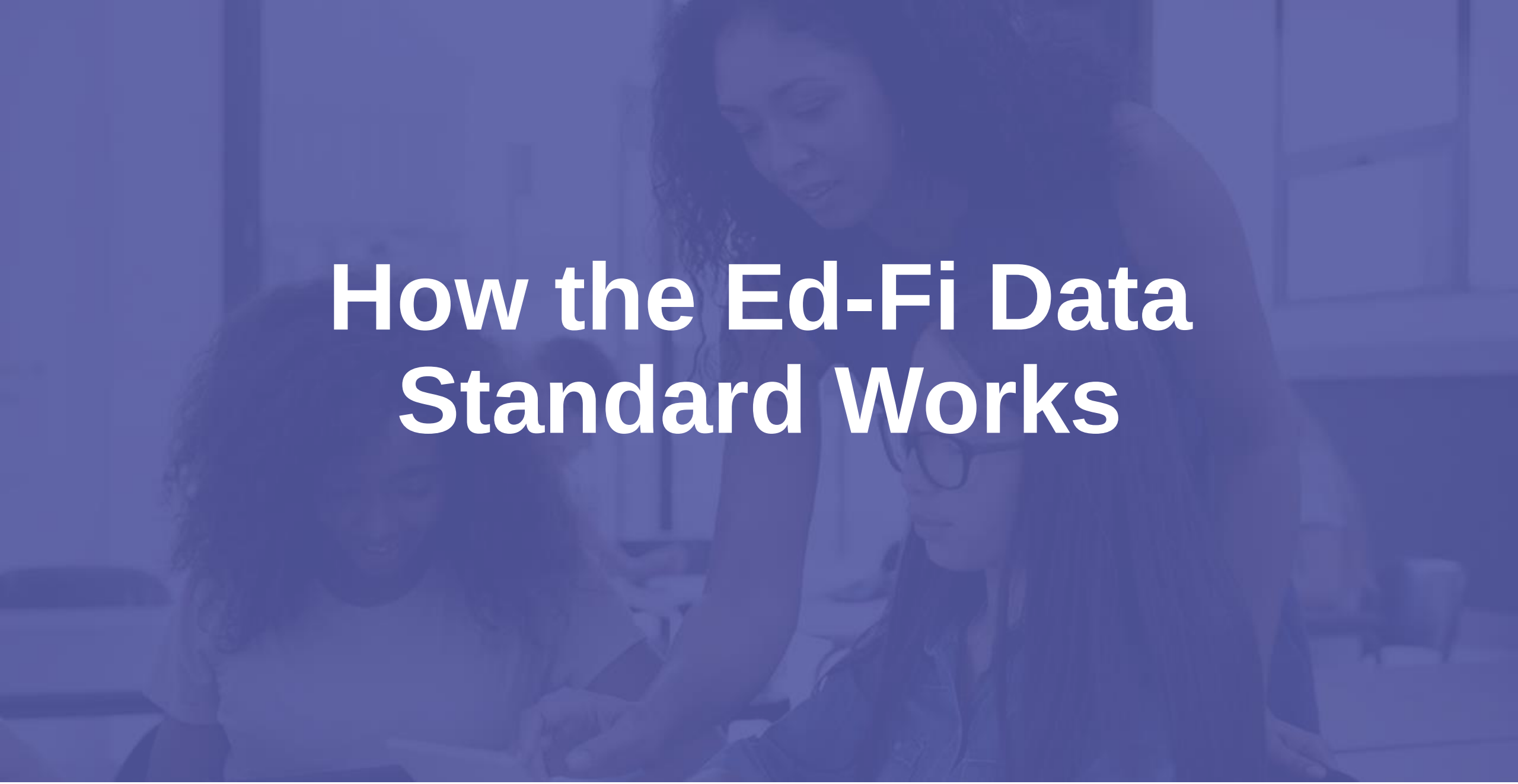
These Kits are simple, and many can be run with a minimum of technical expertise — but, some assembly is required.

Let's Get Started!

Chronic Absenteeism Demonstration Guide

Chronic Absenteeism Quick Start

Chronic Absenteeism Setup Guide



How the Ed-Fi Data Standard Works

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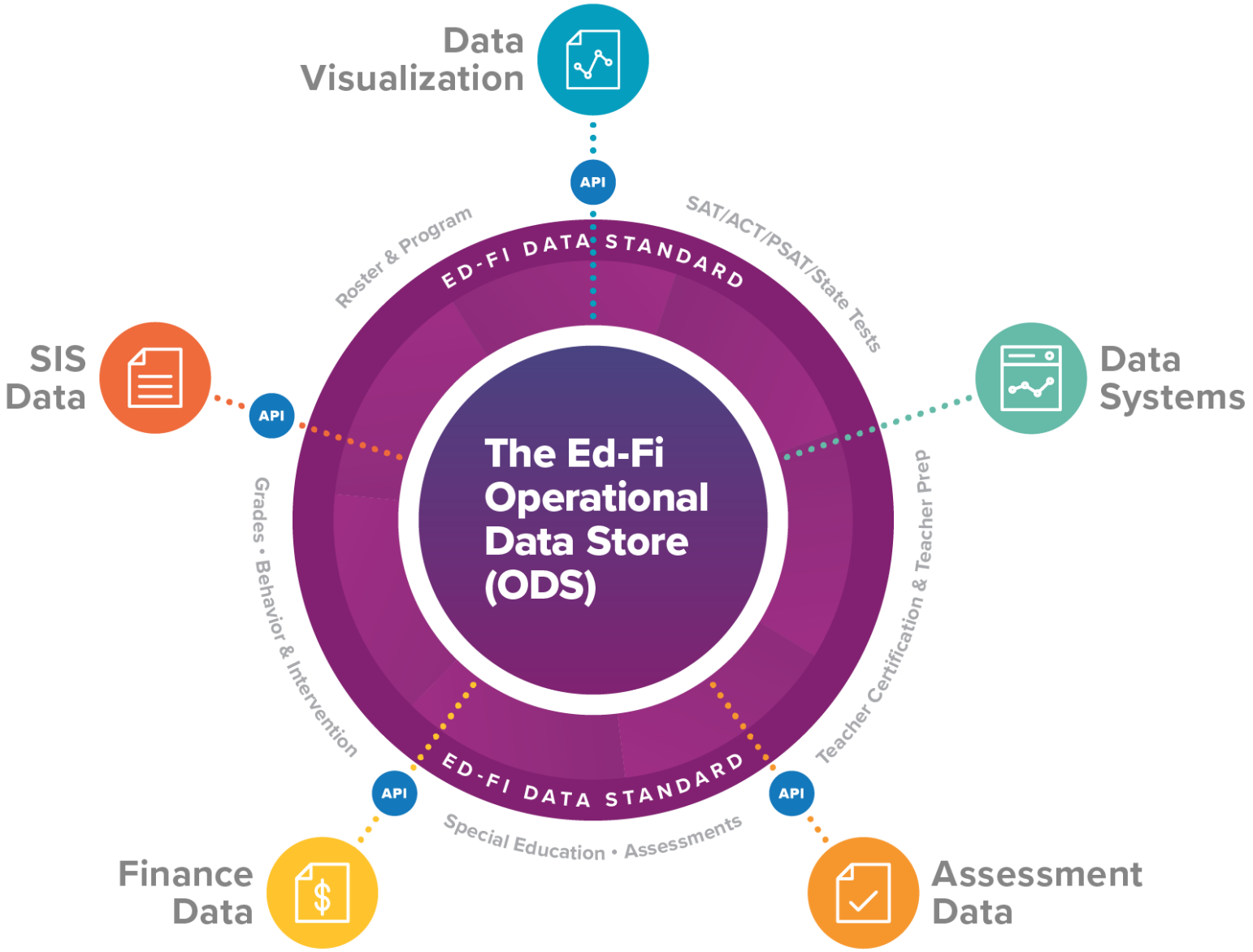
Data Visualization
API
ED-FI DATA STANDARD
Roster & Program
SAT/ACT/PSAT/State Tests
SIS Data
API
Data Systems
The Ed-Fi Operational Data Store (ODS)
Grades • Behavior & Intervention
Teacher Certification & Teacher PreP
API
API
ED-FI DATA STANDARD
Special Education • Assessments
Finance Data
Assessment Data

Data Visualization

“Ed-Fi allows us to get all of our data in one place so we can get a full picture.”

-Breanna Porter, Developer
Achievement First

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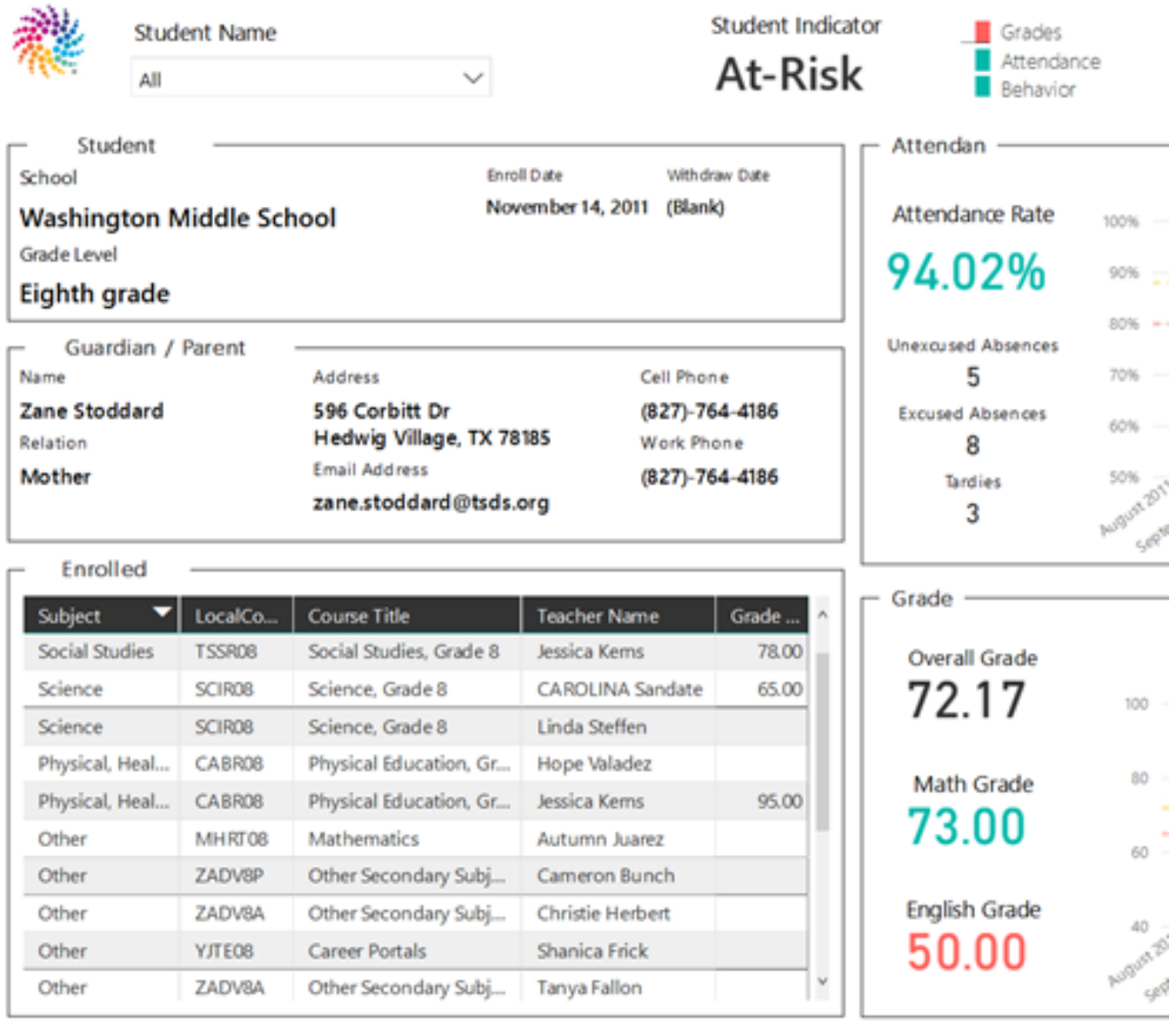
Benefits of Data Visualization

See student data in real time

All data in one place—not in separate systems, apps and spreadsheets

More complete view of the student

Flag and respond to trends earlier


Student Name
All
Student Indicator
At-Risk
Grades
Attendance
Behavior
Student
School
Washington Middle School
Grade Level
Eighth grade
Enroll Date
November 14, 2011
Withdraw Date
(Blank)
Guardian / Parent
Name
Zane Stoddard
Relation
Mother
Address
596 Corbitt Dr
Hedwig Village, TX 78185
Email Address
zane.stoddard@tsds.org
Cell Phone
(827)-764-4186
Work Phone
(827)-764-4186
Enrolled
Subject
LocalCo...
Course Title
Teacher Name
Grade ...
Social Studies TSSR08 Social Studies, Grade 8 Jessica Kems 78.00
Science SCIR08 Science, Grade 8 CAROLINA Sandate 65.00
Science SCIR08 Science, Grade 8 Linda Steffen
Physical, Heal... CABR08 Physical Education, Gr... Hope Valadez
Physical, Heal... CABR08 Physical Education, Gr... Jessica Kems 95.00
Other MHRT08 Mathematics Autumn Juarez
Other ZADV8P Other Secondary Subj... Cameron Bunch
Other ZADV8A Other Secondary Subj... Christie Herbert
Other YJTE08 Career Portals Shanica Frick
Other ZADV8A Other Secondary Subj... Tanya Fallon
Attendan
Attendance Rate
94.02%
Unexcused Absences
5
Excused Absences
8
Tardies
3
100%
90%
80%
70%
60%
50%
Grade
Overall Grade
72.17
Math Grade
73.00
English Grade
50.00
100
80
60
40

Our Community & Resources

“Instead of us having to work with a for-profit company to configure something, [with Ed-Fi] all of the tools are sitting in a community that we can leverage for our work with our schools.”

-Noah Bookman, Executive Director
CORE Data Collaborative (California)

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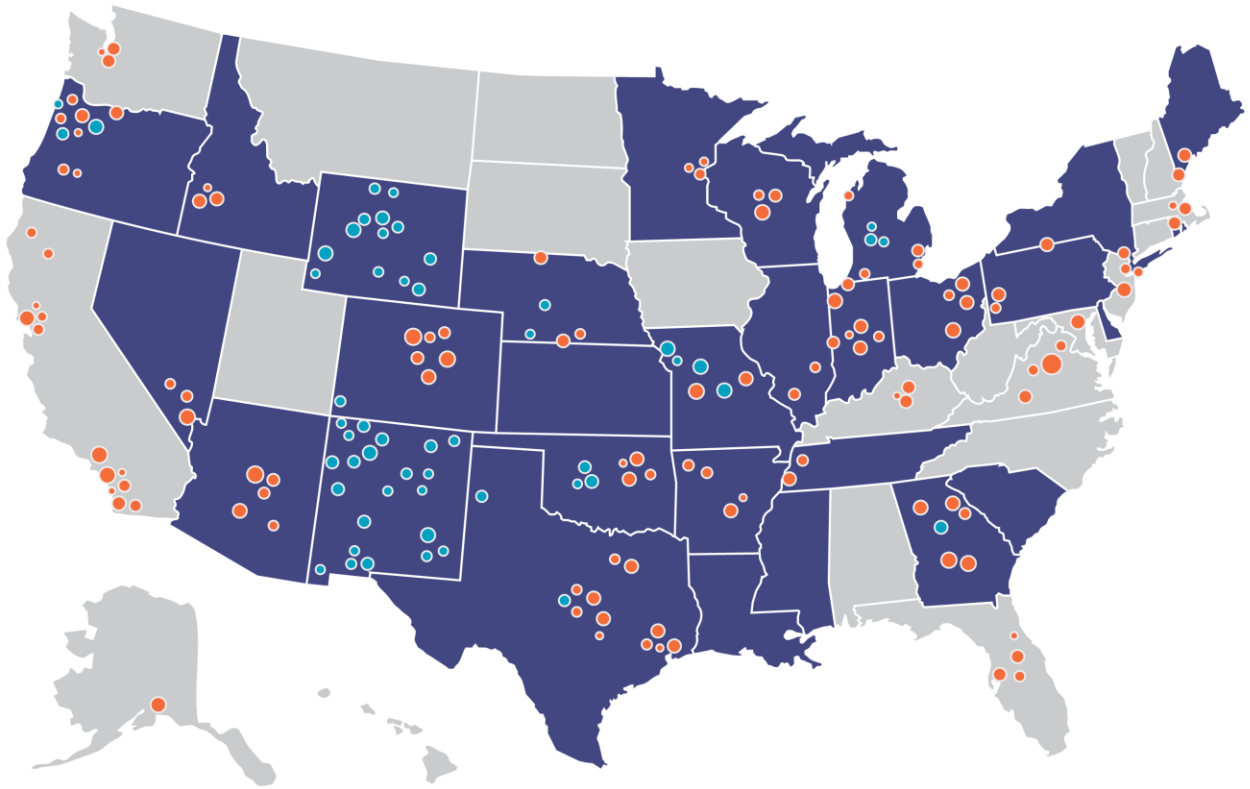
The Ed-Fi Nationwide Community



Licensed LEAs
11,500

Licensed SEAs
30

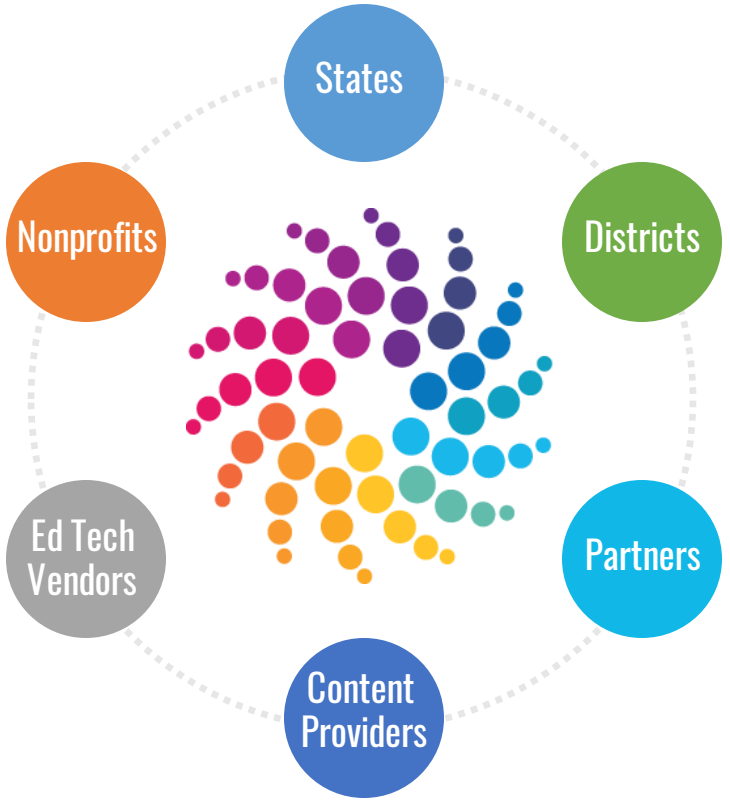
Licensed Vendors
284

Teachers on Ed-Fi
1.9 mil

Students on Ed-Fi
30.9 mil

Who is in the Ed-Fi Community?

- Educators — teachers, CAOs, superintendents, instructional leaders
- Technologists — CTOs/CIOs, developers, data analysts
- Vendors — software and system developers
- Advocates — LEA /SEA leaders, nonprofit professionals, school board members



With Ed-Fi, Get The Resources You Need To Solve Your Biggest Data Problems

When you create an Ed-Fi account, you'll gain access to Ed-Fi's technology suite, resources, and community of data problem solvers. Complete the form below and then be on the lookout for an email to complete your registration.

Step-by-Step Solution Guides

Ed-Fi Code, Data Standard & APIs

Technical Documentation

The Ed-Fi Community

Access to Ed-Fi Support

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ed-fi ACADEMY

Learning Ed-Fi is Easier than You Think

Everything you Need to Know to Get Up and Running with Ed-Fi.

Learn how to use Ed-Fi to better report, organize, clean, understand, analyze, and visualize data.

Step-by-Step Guided Courses

Notifications to Help You Stay on Track

Log on Anytime and from Anywhere

Learn at Your Own Pace

Connect with the Ed-Fi Community

Next Steps To Data Interoperability

1. Decide that data interoperability is important for your educators and students. Start with a specific problem you are trying to solve. Get a buddy.
2. Connect with us Ed-Fi at www.ed-fi.org and create an account.
3. Start with the Ed-Fi Academy 101 course
4. Log into Ed-Fi Tech Docs and explore the resources

   https://techdocs.ed-fi.org/
5. Check out the Starter Kits and go thru the step-by-step instructions.
6. Connect with us on Slack
7. Attend the Ed-Fi Summit

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SAVE *the* DATE

Summit 2022

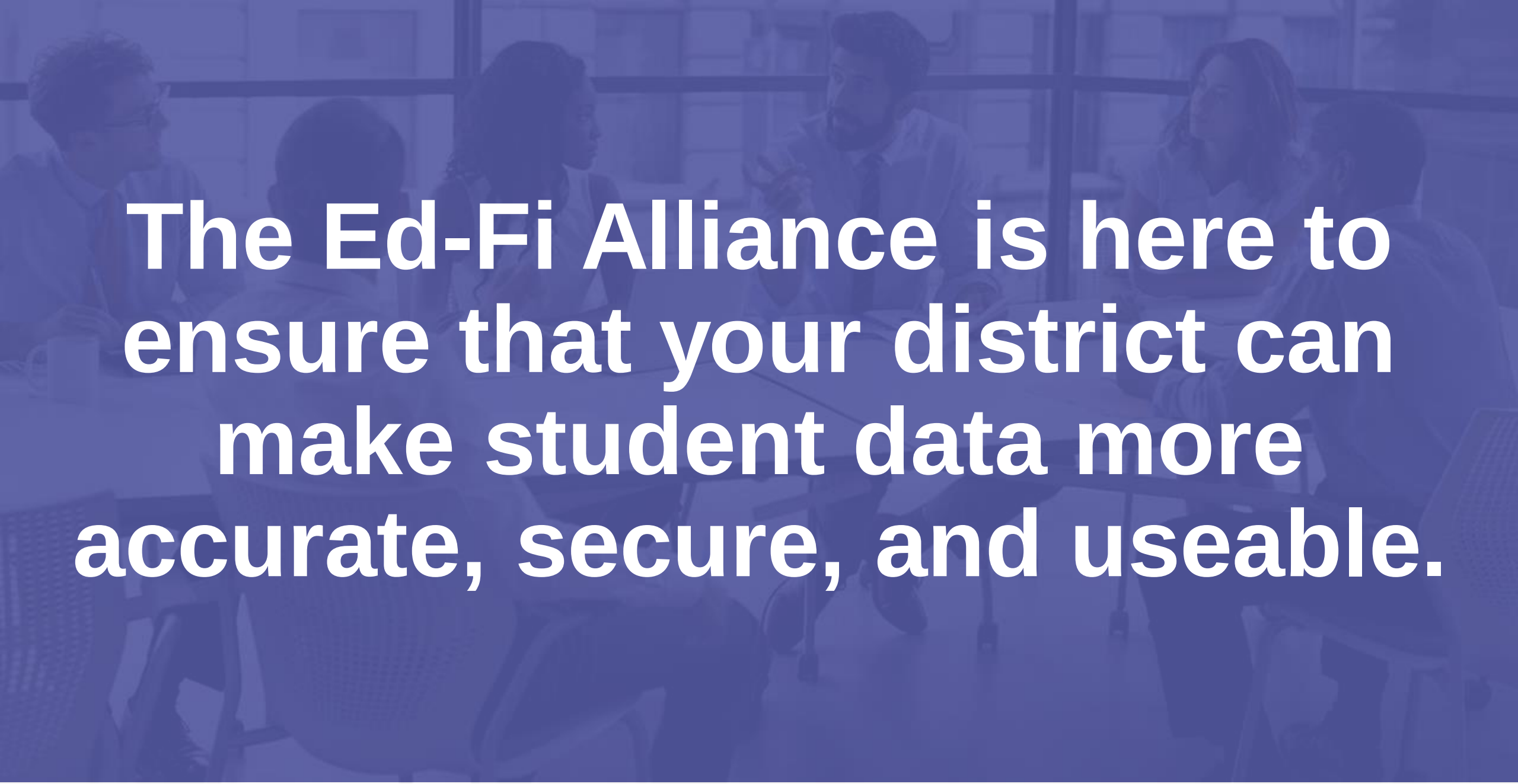
WHEN:

November 6th- 9th, 2022

WHERE:

Hyatt Regency Austin
Austin, Texas

Questions?



The Ed-Fi Alliance is here to ensure that your district can make student data more accurate, secure, and useable.

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