



# Ed-Fi seamlessly and securely connects education data systems so educators know how best to serve every student.

## THE PROBLEM

***Locked in spreadsheets, teachers can't use their students' data to help them succeed.***

Across the country, we ask our teachers to collect countless data points about every kid in their classroom—test scores, behavioral concerns, attendance, subjects they excel at and subjects that are giving them difficulty, etc. Each chunk of data is recorded in a different system (or spreadsheet).

But then what? Most of the time, the data remains there indefinitely—disconnected, unprotected, and incomplete.

The result: Educators are unable to make use of the data to improve student outcomes. Until we remove the barriers between education data systems—and make them “speak the same language”—we won’t be able to offer every student the kind of support and education they deserve.

## THE SOLUTION

***Ed-Fi connects student data systems so educators have a complete, real-time view of every student and can solve challenges faced by school districts and state education agencies.***

Our mission at Ed-Fi is to achieve complete, nationwide data “interoperability”—a big word that simply means “connected.” For nearly a decade, Ed-Fi has developed and supported the **Ed-Fi Data Standard**, a set of simple rules for how student data is recorded and stored.

When education technology products—from student information systems to assessment tools to behavioral and financial tools—can speak the same language, we make data usable. We can then solve big education challenges, such as college readiness, career planning, military readiness, chronic absenteeism, inequity, reporting, etc.

## THE PEOPLE WE SERVE

### School Districts



School districts are the front lines of student data. By deploying the Ed-Fi Data Standard and Technology Suite, they can finally empower their educators to deliver personalized education.

### State Education Agencies



States must collect student data all the time. With Ed-Fi, they can finally make data collection efficient, accurate, and seamless.

### Technology Providers



The makers of the education technologies that our schools depend on are adopting the Ed-Fi Data Standard because school districts are demanding it, and it’s better for business.

### Teacher Prep Programs



The Ed-Fi Data Standard is helping teacher training programs and colleges track their effectiveness by quickly understanding how their teacher candidates and graduates are performing.

## THE ED-FI ALLIANCE

The Ed-Fi Alliance is three things: a standards body, a set of tools, and a community.

As a **standards body**, Ed-Fi creates a secure, usable, leading-edge standard for how student data is recorded, stored, and synthesized. We regularly evolve the standard to meet the needs of education agencies and technology providers.

As a **set of tools**, Ed-Fi offers the **Ed-Fi Data Standard** and the **Ed-Fi Technology Suite**. By aligning with the standard, education agencies and technology providers can finally make their data systems “talk” to each other. The technology suite—including APIs and the Operational Data Store—allows Ed-Fi users to get the most out of data interoperability.

As a **community**, Ed-Fi is the meeting place for all educators, technologists, leaders, and data advocates who want to improve the state of education data in America. Thousands of professionals contribute to the Ed-Fi Data Standard and our technology roadmap.

## HOW THE ED-FI DATA STANDARD WORKS (IN A NUTSHELL)



Moving from left to right, this is how data moves in an Ed-Fi world:

1. Data is entered into one of several Ed-Fi-aligned data systems (i.e., ed-tech software).
2. Data moves through a secure API from the data system into the Operational Data Store (ODS)—which is essentially a sophisticated database. The data has been standardized, allowing it to connect and synthesize with data entering the ODS from other systems.
3. Next, when called upon by an educator or technologist, comprehensive data can be pulled out of the ODS, allowing them to see all available data about one (or thousands) of students, securely, accurately and in real-time.

The Ed-Fi Data Standard—and its accompanying technologies—offer a simple solution to the problem of disconnected data. Once on the Ed-Fi Data Standard, data flows through a centralized “data store” (regardless of what system it comes from) that can then feed other reports and dashboard. Our users control their data at every step.

## HOW TO ADOPT ED-FI



1. Create a user account at [ed-fi.org/create-an-account](https://ed-fi.org/create-an-account) to access the Ed-Fi Community, technology and training.



2. Sign up for Ed-Fi email updates at [ed-fi.org/sign-up](https://ed-fi.org/sign-up).



3. Attend Ed-Fi webinars and events listed at [ed-fi.org/events](https://ed-fi.org/events) to connect with & learn from peers who are already experiencing the benefits of Ed-Fi.