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

For State Education Agencies, Ed-Fi is the key to data connectivity, quality, security, and streamlined reporting.

THE PROBLEM

Locked in silos and legacy systems, state education agency leaders can't use data to drive meaningful improvement statewide.

- Lack of data standard leads to inaccessible data, not available for comparative analysis and results in duplicative requests.

- Data resides in silos often resulting in manual and complex integration processes.

- Supporting real-time analysis of data with legacy systems is impossible.

- Local administrators and educators - especially those in low resource LEAs - do not have access to real-time data analysis.

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.
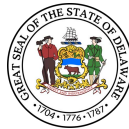
ED-FI IN ACTION

Arizona

Thanks to a modernized IT infrastructure and student data interoperability—made possible by Ed-Fi technology—the Arizona Department of Education was able to quickly respond to the COVID-19 Pandemic and ensure P-EBT cards were distributed to the families of over 550,000 students and counting.

Delaware

Utilizing data standardization with Ed-Fi, the Delaware Department of Education designed and deployed an Early Warning System to provide valuable data back to educators so they can improve practice and support student achievement.

Nebraska

By leveraging both the Ed-Fi Data Standard and the Common Education Data Standards together, the Nebraska Department of Education has streamlined their federal reporting using an Ed-Fi plug in for the U.S. Department of Education's Generate Application increasing data quality and reducing reporting burden.

Wisconsin

Through the WISEdata initiative, Wisconsin's Department of Public Instruction is leading the way with their state Ed-Fi implementation. Leveraging their modern infrastructure and high data quality, Wisconsin is enabling the use of predictive analytics to help students and teachers determine the best path toward college and career readiness.
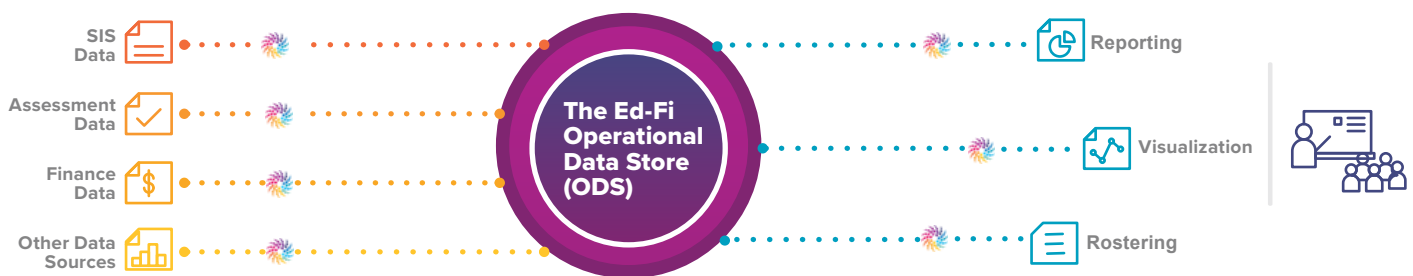
Ed-Fi Technology is free and open source! The Ed-Fi Alliance is three things: a standards body, a set of tools, and a community.

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 and use 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** to access the Ed-Fi Community, technology and training.

2. Sign up for Ed-Fi email updates at **ed-fi.org/sign-up**.

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