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.
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.