



Data Connect

Certica combines deep expertise in K-12 data systems based on the Ed-Fi® standard and technology, and a unique education platform-as-a-service.

School districts are looking for the best way to seamlessly integrate data and achieve application interoperability – with the goal of delivering accurate, actionable, real-time information to teachers, administrators, parents and students. Disconnected data systems, non-standard applications and redundant information create a picture of complexity, cost and inefficiency – and stand in the way of optimal district and student performance.

Until now, true data integration and application operability have been out of reach economically for many districts, and have not been achievable through many of the technology approaches available in the market. Peer-to-peer and point-to-point data integration solutions provide neither the comprehensiveness nor flexibility that districts require.

DATA CONNECT: HOSTED, MANAGED ED-FI ODS

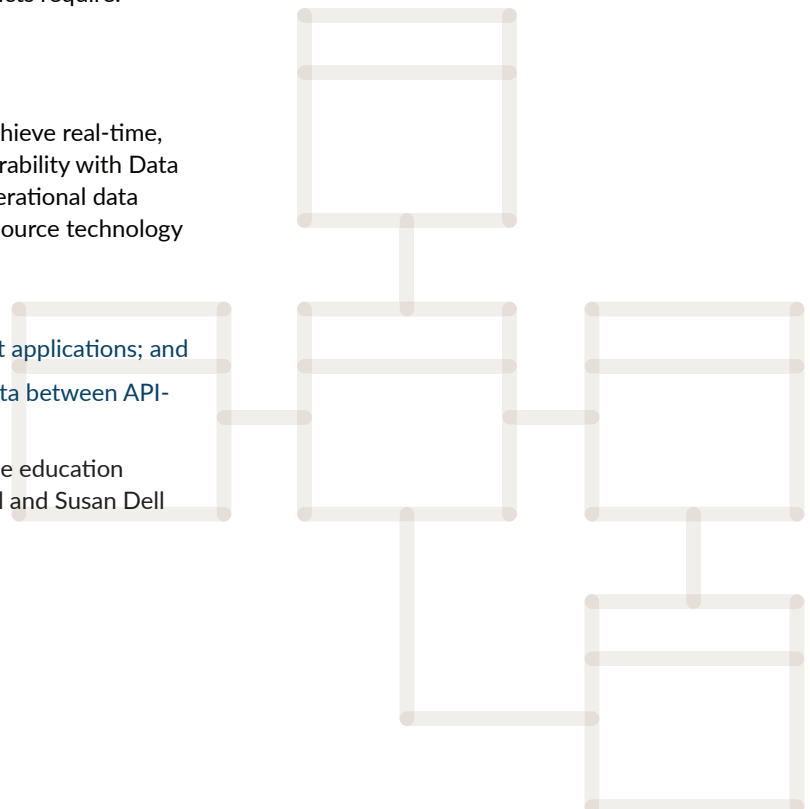
Beginning in the fall of 2017, districts will be able to achieve real-time, bi-directional data integration and application interoperability with Data Connect™ - a fully hosted, managed and supported operational data store (ODS) based on Ed-Fi®. Ed-Fi is a suite of open-source technology which includes:

- A comprehensive education data model;
- A persistent ODS which centralizes data from district applications; and
- An API which enables bi-directional movement of data between API-integrated applications and the ODS.

Ed-Fi is developed, supported and made available to the education sector by the Ed-Fi Alliance, a subsidiary of the Michael and Susan Dell Foundation.

The Data Connect Advantage

Data Connect brings many advantages for school districts seeking a proven approach to data integration and application interoperability, with low overhead and time-to-adoption.



UNIQUE MANAGEMENT CONSOLE

Data Connect will also feature a unique management console which enables school districts to control their entire data integration and application interoperability environment. The console will allow district stakeholders to inventory, categorize and manage authorizations for application connections to the centralized ODS; track and provide visibility to data privacy and security policies; and request integrations from application vendors to provide native support for the Ed-Fi API.

The console will enable application vendors to manage authorized application connections with their customers' ODS via the Ed-Fi API; test native Ed-Fi API integrations from their applications; and view and fulfill integration requests from districts.

THE DATA CONNECT ADVANTAGE

Data Connect brings many advantages for school districts seeking a proven approach to data integration and application interoperability, with low overhead and time-to-adoption:

- Standard education data model and open-source technology
- API that supports real-time, bi-directional movement of data between applications and the ODS, achieving true application interoperability
- Hub-and-spoke architecture which is superior to peer-to-peer and point-to-point integration approaches
- Ability to inventory applications, request integrations and manage authorizations via a unique management console
- Easy district provisioning which avoids costly implementation projects
- All-inclusive per-student annual subscription
- Designed, developed and supported by Certica, an edtech provider with deep Ed-Fi expertise and more than a decade of experience providing cloud-based K-12 data management solutions

Data Connect will be a key platform service of the company's Certica Connect™ PaaS. Certica Connect provides education agencies and K-12 vendors with a range of interrelated, embeddable technology services, education metadata, education-centric APIs, data management infrastructure, and hosted applications.

Ed-Fi is a registered trademark of Ed-Fi Alliance, LLC.

About Certica Solutions

Certica is the innovator of the Certica Connect™ platform which provides application interoperability and centralized integration, access and enrichment of education data, metadata and content. The company partners with a diverse network of K-12 application and system vendors, as well as learning content and assessment providers. Certica also delivers solutions directly to more than 500 school districts and numerous charter school organizations, state education agencies and educational service agencies. Certica is based in Wakefield, Massachusetts and has offices in Harvard, Massachusetts; Cincinnati, Ohio; and Austin, Texas.

MORE INFORMATION

Learn how education organizations have planned and implemented comprehensive, sustainable, integrated data architecture, with expertise and guidance provided by Ed-Fi pioneers. For more information, contact Sales@CerticaSolutions.com, call 855.766.9916 option 1, or visit CerticaSolutions.com

