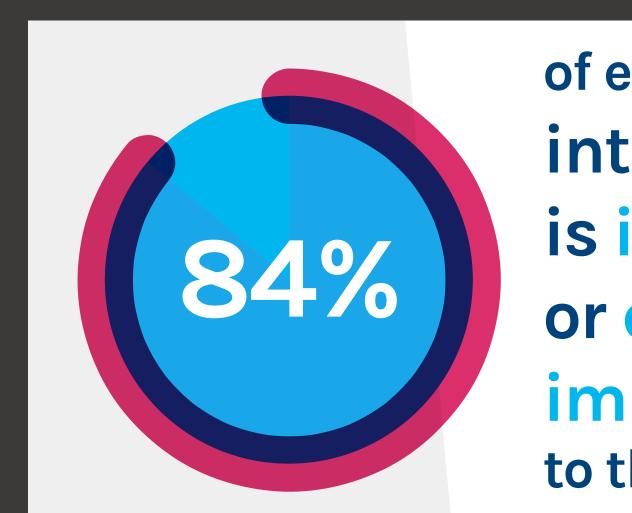
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Interoperability is the **seamless**, **secure**, and **controlled exchange of data** between applications.

Unlike simple plug-and-play capabilities, or tech that only claims "integration," true interoperability allows data to easily flow among applications that are developed for different purposes using a standardized vocabulary, structure, and cadence.¹

Plug-and-Play vs. True Interoperability

Use our handy guide to determine the right edtech system for your K-12 district needs.



of educators say interoperability is important or extremely important to their districts.²

Pigg & Pigy

Works seamlessly on a specific OS, such as Windows (but **data remains siloed** from other applications running on the system)

Can share data, but only through APIs

Can provide multiple options for creating blended learning course, but **inconsistent integrations** and **data silos create barriers**

True Interoperability

Reduces operational costs

Improves data connectivity

Increases collaboration among teachers, staff, students, and parents

Heightens student data security and privacy³

Enhances reporting



Success Story Regional School Unit No. 10 **switched** from siloed products **to an interoperable**, **unified education technology solution**, including student information system, assessment, learning, and gradebook solutions.

Instructional time has increased significantly with the single sign-on. That means more time spent focused on the student.

Having the gradebook, class pages and assessment all in one program, efforts aren't duplicated and monitoring the progress of the student is fluid. Communication with parents is better than it ever has been." I love that it can score assignments, give students immediate feedback, and record the results of their work automatically in the gradebook. I also really like having a one-stop location for students and parents to check grades, access lessons and assignments, and

lessons and assignments, and communicate upcoming events. It is really nice to not have to have students (and parents) remember multiple websites,

logins and passwords."

READ THE CASE STUDY **CHANDELE GRAY** High School Science Teacher, RSU No. 10.

For the majority of instructors who are not power users with tech, navigating hundreds of apps with inconsistent integrations... as well as data silos locked down by proprietary interests, still represent **Significant barriers** to more widespread adoption of plug-and-play principles."

¹ State Education Leadership Interoperability, Leveraging Data for Academic Excellence, State Educational Technology Directors Association (SETDA), 2018. http://www.setda.org/master/wp-content/uploads/2018/05/State-Leadership-Interoperability.pdf

² The State of Data Interoperability in Public Education. Digital Promise. The State of Digital Interoperability in Public Education, http://digitalpromise.org/wp-content/uploads/2017/08/DataInteroperability_Final.pdf

³ Interoperability in K-12 Education, The Center for Digital Education, 2018. https://www1.powerschool.com/whitepaper/interoperability-in-k-12-education/

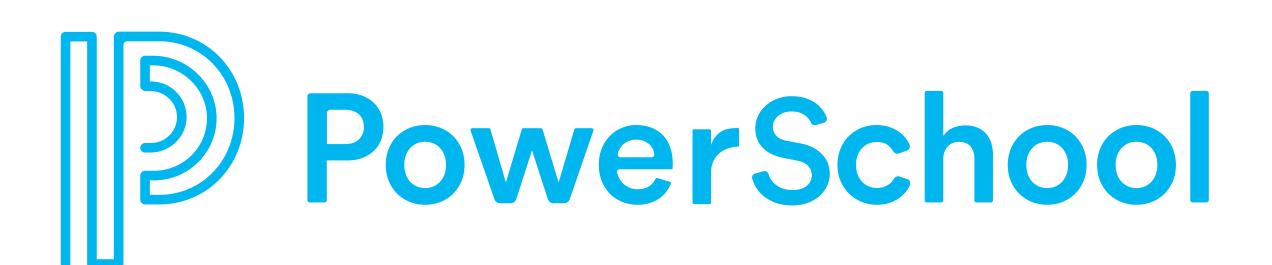
⁴ Hobson & Company Research: The Case for a Unified Technology Platform, PowerSchool, https://www.powerschool.com/wp-content/uploads/2017/04/PS-wp-002-042217-download.pdf

⁵ Scott, John Michael, "Preparing Teachers For Success In Plug-And-Play Ecosystems," eLearning Industry, June 25, 2016. https://elearningindustry.com/preparing-teachers-success-plug-and-play-ecosystems

What can interoperability do for your district?

Explore more about interoperability, including additional benefits and implementation strategies in

THIS GUIDE FROM THE CENTER FOR DIGITAL EDUCATION



powerschool.com