



Unizin

Why Modeled Data?

Information for



Administrators



Instructors



Researchers



Technologists

“Since we rely on the Unizin Common Data Model, the transition to Canvas Data 2 will be seamless! Unizin has taken on the heavy lifting of aligning the CD2 schema with the UCDM - a task that would have involved a *considerable* amount of work on our side.”

David Reid, Director of Solutions, Architecture & Analytics, University of Missouri System

UDP & Modeled Data

The **Unizin Data Platform (UDP)** delivers valuable insights from learner and learning tool data of all shapes and sizes. Adherence to data standards (or modeling) is the key to getting disparate data representations, emanating from various learning tools and information systems, to work together in harmony.

At the foundation of the UDP, we find the **1EdTech Caliper standard** and the **Unizin Common Data Model (UCDM)**. These standards ensure that any data entering the UDP “speaks” the same language. By making data platform and system agnostic - we ensure that data is always accessible and useable. Every action or event - like completing an assignment - is modeled appropriately so it can be identified and recorded exactly the same as assignments being captured and recorded for other students, in other classes, using other tools and platforms.

Modeled Data & You

Ed Tech tools are abundant and even those with similar aims, often use proprietary data schemes and formats. Developing the standardized models to unify disparate data is no small task. Unizin has made the strategic investment in time and resources to build and maintain standardized data models to benefit its members and the consortium as a whole.

Here’s how Unizin modeled data pays dividends:



Freedom to Innovate

Shift focus and resources from scrubbing data to acting on insights

Seamlessly integrated data eliminates the arduous process of aggregating, cleaning and transforming data from disparate systems into a common data scheme. Using modeled data enables researchers, analysts, and academics to focus their efforts on gleaming useful and actionable insights from the data itself.



Seamless Adaptation

Reduce the burden of ever-changing data tool versions and schemas

Data needs to be accessible and actionable, regardless of how, when, or if the systems and tools that generate that data change schemes. Data standards ensure that platform updates and new releases won't disrupt insight-gathering and reporting, while also enabling new standards-based tools to be added at any time.



Future-Proof Investment

Make decisions based on student success, not technical debt.

Large data system transitions like a Student Information System (SIS) or Learning Management System (LMS) are a major investment. Data standardization ensures that you can choose the system that best supports your student success initiatives without sacrificing legacy data or adversely affecting downstream operations.



For more about Unizin visit www.unizin.org