

The SaaS eScholar SLDS Solution Connects Data and Enables Insights Across P20W

With the eScholar SLDS Solution, state education agencies can bring together disparate data sets, evaluate programs/initiatives, meet federal and state compliance obligations, offer self-service analysis capabilities, and turn data into insight and action. All of this can be done with the security and scalability of Amazon Web Services (AWS) with FedRAMP compliance. The Solution can be implemented as an end-to-end SLDS or in components to enhance or expand a state's SLDS.

The eScholar Uniq-ID®

The eScholar Uniq-ID is a powerful application that assigns unique identification numbers to individuals across the entire P20W continuum. It assigns a unique identifier that can be used to track individual records across time, geography, and source systems. The eScholar Uniq-ID has been used to create over 37 million unique person IDs for ten states.

The eScholar Uniq-ID is a commercial-off-the-shelf (COTS) solution that's highly configurable, so a state can implement the system to meet the state's specific requirements. The unique identifiers are randomly generated and assigned, providing greater protection of the individual's privacy. eScholar Uniq-ID has a proven and robust matching engine that blends both probabilistic and deterministic matching to determine a match between a new record and an existing record. In addition to Person IDs, eScholar Uniq-ID can also create Location IDs as well.

The eScholar CDW™

The eScholar CDW provides the data foundation for education agencies to achieve their strategic goals. The eScholar CDW is a COTS solution that integrates data from any number of source systems across any education entity, allowing state agencies to create an SLDS that meets their needs. Systems that seamlessly integrate with the eScholar CDW include student information, HR, special education, assessment, teacher evaluation, enterprise resource planning systems and many, many others. The eScholar CDW unlocks the value of transactional data so education agencies can spot trends and gain insights.

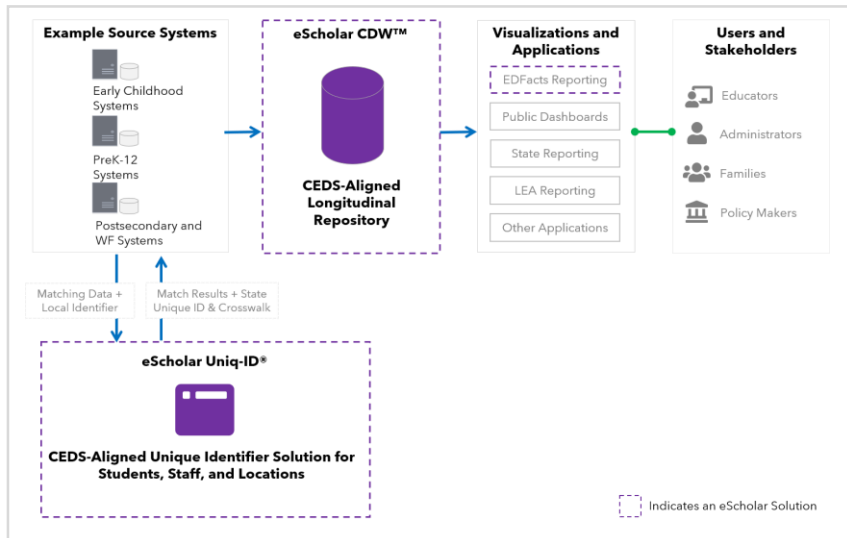
By integrating the data into the eScholar CDW, your agency can analyze the data longitudinally and cross-functionally. This provides greater insight into issues as diverse as measuring student progress and allocating resources effectively.

The eScholar EDFacts Solution™

The eScholar EDFacts Solution automates and manages the tedious process of generating EDFacts files. The eScholar EDFacts Solution allows state EDFacts coordinators to focus on the quality of their underlying data while the software manages the application of thousands of business rules, rollups, aggregations, and file requirements. The solution's data mart stores current and historical EDFacts data for year-over-year comparisons and analysis. The eScholar EDFacts Solution maintains data transformation and calculation logic that reflects the latest business rules and guidance from the U.S. Department of Education. This solution is also aligned to CEDS, with the public alignment to CEDS 8.0 available at <https://ceds.ed.gov>.

RESULTS: AN ENTERPRISE SLDS THAT SUPPORTS AGENCIES AND STAKEHOLDERS

Implementation of the eScholar SLDS solution can fit within your state's vision and framework. Below is a sample architecture.



AWS CLOUD-READY SOLUTION PROVIDES SCALABILITY AND RELIABILITY

The eScholar SLDS Solution is architected to be hosted on AWS, a proven hosting provider that offers scalability, speed, and security. As a SaaS offering, the eScholar SLDS solution scales up or down based on demand. When state agencies have to process thousands or millions of records, the eScholar SLDS Solution leverages AWS tools to store files quickly and securely.

With AWS, eScholar SLDS customers benefit from a hosting solution that can support a high-level of activity, both planned and unexpected. AWS's high level of reliability stems from a well-planned foundation that has mechanisms for handling changes in demand or requirements.

AWS is also FedRAMP compliant with authority to operate on both high and moderate impact levels. As a FedRAMP compliant hosting solution, state agencies benefit from end-to-end security using NIST and FISMA standards and continuous monitoring.

With the eScholar SLDS Solution on AWS, state agencies have a cost-effective solution designed for a modern SLDS.

BENEFITS

- **Accuracy:** Uniq-ID Matches are highly accurate with less than 2% of records resulting in near matches.
- **Configurability:** States control configurations of the Solution, from match thresholds to automation.
- **Scalability and Performance:** The eScholar SLDS Solution is designed for state level enterprise workloads and runs on AWS.
- **Community of States:** Fully developed and documented solution that has evolved based on feedback from the eScholar community of 10 states.
- **Comprehensive:** Early childhood, PreK-12, and postsecondary data models are available.
- **Interoperable:** Aligned to the Common Education Data Standards (CEDS), allowing interoperability among other systems.
- **Ease of Reporting and Analysis:** Meet all SLDS reporting needs, such as EDFacts, ESSA dashboards, and more.
- **Security:** eScholar is SOC 2 Type 2 certified for the eScholar CDW, which reflects eScholar's overall commitment and attention to security and privacy.

LEARN MORE

For more information on eScholar's SLDS solution, visit www.escholar.com or contact the eScholar at sales@escholar.com or (877) 328-2969.