

K-12 Solutions



Student Assessment Data Warehouse and Reporting System

"...one of the few IT contractors in the state to have knowledge of and apply state-of-the-art software engineering and process methodologies to their projects. As a result, we have received quality products delivered consistently on time and within budget."

Ms. Lynn Harris
Former IT Director
NM Department of
Education

ORION focuses on delivering end-to-end business solutions for Commercial and Public Sector customers.

IT PROFESSIONAL SERVICES

- Web-based and Client/Server Application Development
- Database Design, Development and Maintenance
- Project Management
- Software Support
- Procurement Support

TECHNOLOGY CAPABILITIES

- MS SQL Server
- Sybase
- Oracle
- Crystal Reports
- PowerBuilder
- Java/JavaScript
- ColdFusion
- DreamWeaver

EDUCATION CLIENTS

- State of NM Public Education Department
- Albuquerque Public Schools
- Zuni School District
- Central Consolidated School Districts
- All 89 school districts in NM
- University of NM

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Student Assessment Data Warehouse and Reporting System

As a result of *No Child Left Behind*, states are working to close the achievement gap and ensure all students achieve academic proficiency. To that end, schools are measuring progress made by students through standardized tests.

The **Student Assessment Data Warehouse and Reporting System** enables schools to proactively take steps to bring meaningful information together for teachers to help close the proficiency gap. This system assists teachers and administrators in identifying proficiency gaps, taking data-driven intervention to improve instruction, and consequently improving overall student test scores. Information is created in the form of an integrated data warehouse system that merges results from:

- Standardized Tests
- Report Cards
- Students
- Teachers
- Classes Taught

The system presents correlated information in a distinct set of reports on a need to know basis for:

- Teachers
- Principals
- Administrators

Those reports provide summary and detailed information on how students have preformed historically on standardized tests as well as class report card information in specific subject areas. The system is accessed through web browsers by teachers, principals and administrators after appropriate login.

The following list is only some of the information the system can provide to a teacher:

- A list of students in their current Algebra I classes
- How each of those students has preformed in state-based standardized tests in Math, Language Arts, Science, and Social Studies
- The student's report card history in math subjects

The above is just one example of what the system can do to help target and guide instructional staff to assist students in mastering subject specific matter and improving their test scores. It can also be used for longitudinal studies of peer group performance.

A key advantage of the system is that it is created with common, non-proprietary software tools. This means it can be extended by school district IT personnel, and no long term maintenance or support contract is required.

We welcome the opportunity to show you what we have accomplished for others and discuss how it would benefit your school district.