



SPECTRUM K12
 Towson, MD
 www.spectrumk12.com

INDUSTRY:
 Public Sector

ANNUAL REVENUE:
 Privately Held

EMPLOYEES:
 100

ORACLE PRODUCTS AND SERVICES:
 Oracle Database
 Oracle Real Application Clusters
 Oracle WebLogic Application Server

KEY BENEFITS:

- Highly integrated, scalable and secure platform
- Improved ROI by deploying applications on grid infrastructure
- Pervasive and actionable business intelligence at low TOC

Spectrum K12 Delivers Mission Critical Student Achievement Solutions on Oracle Technology Platform

“By partnering with Oracle we bring together Spectrum K12’s strength in creating easy-to-use student achievement management software solutions with Oracle’s expertise to offer a well-rounded learning platform for all students.” -

Jim Marshall, CEO Spectrum K12 School Systems, Inc.

Spectrum K12 School Solutions Inc. is the leading provider of student achievement management solutions, including Response to Intervention (RTI) and special education IEP software. Spectrum K12 serves over 11% of the U.S. K-12 student population including 20 of the top 100 school districts in the United States. Spectrum K12’s patented software has enabled personalized learning for over 5 million children in 29 states in support of Spectrum K12’s mission to close the achievement gap and *Move Every Child Forward™*.

Delivering high quality instruction targeted to individual student need is only possible when educators have comprehensive student outcome data to drive decision making and a practical way to manage the instructional process to provide personalized learning for every student. Spectrum K12’s EXCEED™ student achievement management product suite provides a web-based platform to manage the personalized learning process for ALL students and programs including RTI, special education and English language learners/ESL. Teachers, administrators, curriculum and intervention specialists are all able to easily and seamlessly collaborate to develop and manage differentiated and personalized learning plans for every student.

EXCEED gives practitioners an easy way to drive day-to-day activities, research based interventions and outcomes to help all students achieve success. EXCEED monitors academic and behavioral progress, displays efficacy and fidelity, and surfaces achievement gaps at the student, class, grade, group or district level.

Identifying what works and what doesn’t and capturing best practices is the

foundation for continuous improvement; for every student and everybody involved in educating the student. EXCEED's unique Return on Intervention™ capability aggregates data on a classroom, group, grade, school and district level to show what works (curriculum, interventions and instruction that most effectively drives student achievement) so administrators can continuously identify and replicate best practices district wide.

EXCEED has several requirements in the areas of information access, security and reporting. In addition to the core functional requirements, EXCEED is required to support an ever-growing customer base without compromising the quality, scalability, high availability and security. These requirements prompted the Spectrum K12 EXCEED team to look for a reliable, secure, integrated and cost effective platform that is capable of meeting the most stringent quality and operational requirements set by their customers. Spectrum K12 chose Oracle's technology platform to build and deploy the EXCEED product suite to their customers.

Spectrum K12 decided to use Oracle Database with Real Application Clusters (RAC) option to boost the performance, high availability, scalability and disaster recovery of the sensitive customer data. Oracle Database RAC gives Spectrum K12 the flexibility to utilize commodity hardware to scale up as the number of users grows in any given school district.

EXCEED is built leveraging open and standard based Java Enterprise Edition (JEE) technology. Spectrum K12 chose to deploy EXCEED on Oracle WebLogic Server because of its Grid computing capabilities, high available, pluggable architecture and support for Web Services and Services Oriented Architecture (SOA).

Reporting and analytics play a major role in a student achievement management and RTI solution. Customers demand pervasive reporting with ad-hoc query reporting capabilities and superior support for creating dashboards, produce pixel perfect reports, and perform advanced analytics. To provide easily deployable, cost effective and pervasive and actionable business intelligence and reporting solution at a low total cost of ownership to the customers, Spectrum K12 is evaluating Oracle Business Intelligence Enterprise Edition Plus (OBIEE+).

Platform Savings

Spectrum K12 is able to reduce the total cost of ownership by adopting Oracle's technology platform. By deploying on grid-enabled Oracle platform, integrated technology stack, Spectrum K12 is able to from reduced hardware and software costs for their solution and passing on the cost benefits to their customers.

Why Oracle? Oracle provides secure, hot pluggable and unbreakable platform for deploying EXCEED

Oracle provides complete standards based platform for deploying mission critical applications. By choosing Oracle platform Spectrum K12 is able to see tremendous cost savings related to development, deployment and maintenance. Spectrum K12 is able to see quicker return on investment by choosing grid technologies; standards based application server and pervasive business intelligence. Grid technology enables Spectrum K12 to provide services with zero downtime while the WebLogic application server provides simplified manageability and maintainability of the Java based applications.