



Data Mining Sapphire Analysis Suite

Sapphire Data Mining allows a more in-depth reporting and analysis. With Sapphire Data Mining, the advanced user can build dashboards utilizing drag-and-drop capabilities that enable ad-hoc queries and reports. Sapphire Data Mining represents a leap ahead into “next generation” data analysis where the data is collected from any data silo, brought together in a centralized location, accessible at anytime by the appropriate individuals in the appropriate areas.

Data Mining’s powerful, web-based capabilities allow districts to make knowledge-based decisions by discovering causes, spotting trends and patterns, identifying anomalies, and visualizing correlations. Sapphire Data Mining does the heavy analytical lifting that would be either too difficult or too expensive to perform using standard SQL-based query and reporting.

Part of the Sapphire Analysis Suite, Data Mining substantially increases the information available to professional educators, from Superintendents to Administrators to Teachers. Quick and easy access to all necessary data and information allowing professionals to spot trends, identify strengths and weaknesses, and forecast results all faster and more comprehensively than ever before.

Fully Web-Based Technology

Platform Independent
(Windows, MAC and Linux)

Real Time Integration

Intuitive and Friendly
Web Interfaces

Comprehensive Reporting
and Analysis Capabilities

Highly Flexible & Scalable
Web-Based Architecture

Designed by and for
District Administrators
and Classroom Teachers

- Fully web-based solution.
- Fully integrate external data silos with Sapphire Student Information System.
- Leverage the familiarity and all the advantages of the Report Writer.
- Produce charts, graphs and other statistical reports.
- Use drag and drop functionality to present visual representations of data from multiple sources on dashboards.
- Perform simple statistical analyses such as correlations and display them in various chart formats.
- Launch detail reports directly from the Dashboard.
- Create crosstabs, charts, gauges, and parameter input controls.
- Drill down, slice and dice, swap axes (pivot), filter and chart.
- Drill through to underlying transaction details.
- Advanced users can use the power of the MDX query language to produce multi-dimensional queries.
- Sort across or within hierarchies.
- Output to PDF, web format (html), Excel (xls), csv, rtf, and txt.