COMMONWEALTH OF VIRGINIA
DEPARTMENT OF EDUCATION
REQUEST FOR PROPOSAL (RFP)

Issue Date:	May 17, 2011	RFP#: DOE-VDSI-2011-09
Title:	Virginia Dashboard for School Improvement Quarterly Reporting	
Commodity Code:	92471 - School Operation and Management Services	
Issuing Agency:	Commonwealth of Virginia Department of Education 101 North 14th Street, 21st Floor Richmond, Virginia 23219	
Initial Period of Contract:	One Year from Date of Award with Three, One Year Renewal Options	

To be considered, sealed proposals must be received in the Procurement Office on the 21st floor of the James Monroe Building (101 North 14th Street, Richmond VA 23219) by 2:00 PM, June 17, 2011. No proposal shall be accepted after this deadline unless the due date has been previously changed by an Addendum.

All inquiries, questions, and requests for information should be directed via e-mail to martin.fields@doe.virginia.gov or by phone at 804-225-3375.

IF PROPOSALS ARE MAILED, SEND DIRECTLY TO ISSUING AGENCY SHOWN ABOVE. IF PROPOSALS ARE HAND DELIVERED, THEN DELIVER TO: Martin Fields, Associate Director for Procurement, Department of Education, 101 North 14th Street, 21st Floor, Richmond, Virginia 23219.

In Compliance With This Request For Proposal And To All The Conditions Imposed Therein And Hereby Incorporated By Reference, The Undersigned Offers And Agrees To Furnish The Services In Accordance With The Attached Signed Proposal Or As Mutually Agreed Upon By Subsequent Negotiation.

Virginia Contractor License No. N/A
Class: N/A Specialty Codes: N/A

OFFEROR Information:

CASENEX LLC
105 WEST MAIN ST, SUITE 3
CHARLOTTESVILLE, VA
Zip Code 22902

FEI/FIN NO. 54-2016443

E-mail: gfernandez@casenex.com

Date: JUNE 16, 2011

By: [signature] (Signature in Ink)

Name: GRIFFIN FERNANDEZ (Please Print)

Title: Chief Operating Officer / General Counsel

Phone: (434) 960.7387

Fax: (434) 817.0727

PREPROPOSAL CONFERENCE: An optional pre-proposal conference will be held at 9:30 a.m. on May 31, 2011. (Reference: Page 3, Section I, last paragraph herein).

Note: This public body does not discriminate against faith-based organizations in accordance with the *Code of Virginia*, § 2.2-4343.1 or against an Offeror because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment.

contemplated herein; therefore, the contractor and ordering entity may negotiate additional charges to be imposed and may negotiate changes to the original order during performance. The base unit price and any additional unit prices submitted with the proposal shall not be subject to change except as authorized by the VDOE in accordance with the terms and conditions contained herein.

Offeror's Company Name: CASENEX LLC

Offeror's Signature: _____

Note: Sign and attach this page to the cover page when submitting your proposal.

casenex

Data•cation

RFP: DOE-VDSI-2011-09
Virginia Dashboard
for
School Improvement Quarterly Reporting

Due 2:00 PM on June 17, 2011
Contract Officer: Martin Fields

Bidder/Offeror:

CaseNEX LLC
105 West Main St., Suite 3
Charlottesville, VA

Date Submitted:

June 16, 2011

Hand Delivered

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Data•cation

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Statement of Needs--System Requirements (RFP Section III, Items 1-12)

1. Provide a system that will import student data using School Interoperability Framework (SIF) or pre-defined file formats from existing systems to populate multiple fields of longitudinal student-level data including:
a. Student name
b. State Testing Identifier (STI)
c. Race and Ethnicity (2007 Standards)
d. Disability
e. Limited English Proficiency
f. Gender
g. Grade level
h. Assigned teacher(s)
i. Subject
j. Grades by 6 or 9 week
k. Formative or benchmark assessment scores by 6 or 9 week (whether reported by numerical score, grade, or pass/fail)
l. SOL assessment results by total scale score
m. Attendance (absences and tardies)
n. Discipline (out of school and in school suspensions)

Response to Item 1:

DataCation Dashboard platform is fully School Interoperability Framework (SIF) certified for all data from 1(a) through 1(n). Please see the attached certification and framework application as Appendix A.

In addition to SIF certification, we provide full customizable ETL school extraction software to set predefined school formats and capture school-specific data. The Extraction Utility is designed and customized to communicate with multiple school source systems. DataCation Extractor Tool creates routines and server procedures by linking these systems to make it easy for schools to keep updated information from districts, as well as districts keeping updated information from schools. This utility automates batch operations and allows for tracking, error logs and raw data downloads. See Appendix B.

In addition to Data Extractor Tool, schools may use the option of a batch scheduled invocation which unpacks and processes the data files automatically. The scheduled job imports the data into the database and processes the data files. The batch job is scheduled to run at a pre-determined time with the assumption that the new data set will be transferred by the School or School District. The batch script, located on the database server, looks for a file name or names in a predetermined format. It gets the file from the server using WinSCP (secure copy). If the file is not found, then an email notification is sent out with an error message. Upon successfully finding the CSV files, they are downloaded and the data from the files are loaded into the database. The data is first imported into a staging location where the data is processed and loaded into permanent tables. Upon completion of this ETL process, a report with unique report ID is generated and an email with a copy of the report is sent out to the school or district team.

2. *Provide fields which will be populated by schools to assign and monitor individualized interventions for academic, attendance, and/or behavioral issues:*
a. Single or multiple interventions per student
b. Fields for intervention include name of intervention, persons responsible, duration of intervention, and tier/level of intervention

Response to Item 2:

The Student Grouping Application on the DataCation Dashboard enables the user to create customized intervention programs. These groups of students can be directly set using the DataCation Grouping Application online or integrated directly from a school source system through the Data Extractor Tool. See Appendix C for the online Grouping Application.

Groups set can be carried over from year to year and can be pre-populated by student flags or other pre-determined query rules from the source Student Information System (SIS). Snapshot intervention information is dated and can be grabbed on pre-set dates to look at a longitudinal data performance view of the progress for a specific intervention.

3. *Allow end users to filter data by assigned intervention to assess the efficacy of the intervention provided.*

Response to Item 3:

All dashboard applications and reporting integrate all intervention groupings to:

a. Drill down from Total Population to Intervention view by choosing an intervention name;
b. Look at Aggregate Intervention Dashboard Reports drill down to Student Level Data;
c. View Longitudinal Intervention Dashboard Report to see results over time; and
d. Comparison Module to compare multiple intervention success and intervention student populations compared to school, district and state progress.

4. *Allow end users to produce data analysis reports that can be filtered by single or multiple indicators outlined in requirements A.1 and A.2.*

Response to Item 4:

The DataCation Dashboard system reporting modules have the ability to filter through multiple levels, drill down to specific district, school and student information and sort all drill down information. The Dashboard uses two main reporting applications. First, there is a metric-based reporting module which allows organizations to set up specific tracking metrics and benchmark goals, which in turn allows for multiple drill-downs. See the Response to RFP question 6 for more detail.

The second dashboard reporting module is the data analysis tool, which allows for users to customize their data displays not only by selecting what data sets they want to show, but also enabling users to choose the type of graph and axes points in which to display the data. Appendix D shows an example of the analysis tool with all customized options with graphing and filtering. Users can choose from an array of customized filter items for this graph, including

gender, grade level, ethnicity, cohort year, specialized programs, subject, teacher, state assessment, benchmark assessments, and customized user groups. User can even add an additional pivotal option for comparison by any of the filtering indicators.

5. *Enable end users to pre-program the data system to update student data at a designated time (daily, weekly, monthly, quarterly, etc.).*

Response to Item 5:

Please refer to the Response to RFP question number 1. As mentioned, the scheduled job imports the data into the database and processes the data files. The batch job scheduled is to run at pre-determined time (daily, weekly, or monthly) with the assumption that the new data set will be transferred by the School or School District. The batch script, located on the database server, looks for a file name or names in a predetermined format. It gets the file from the server using WinSCP (secure copy). If the file is not found, then an email notification is sent out with an error message. Upon successfully finding the files it is downloaded and the data from the CSV files (or other specified formats) is loaded into the database. The data is first imported into a staging location where the data is processed and loaded into permanent tables. Upon completion of this ETL process, a report with unique report ID is generated and an email with a copy of the report is sent out to the school or district team.

6. *Include in the system identifiers (or —flags) for student performance which will result in students being identified as at risk of failure or drop-out. Develop a tiered system for student identification (i.e., off track, sliding, on track exemplary).*

Response to Item 6:

The Dashboard system will provide the State and school districts with the ability to create a customized metric for tracking state/district/school performance. See Appendix E for an example. The system will have the ability to indentify growth trends within accountability tracking subgroups, subjects or cohorts, and then instantly generate comparison reports. Users will be able to create, measure and analyze schools or groups over time and evaluate the efficacy of academic interventions.

Users will be able to view students' credits, test scores, intervention programs and progress reports in a single click. Reporting will include the ability to see data by district, region, and school with drill down filters, and users will be able to sort, organize and analyze performance data for all subgroups and student performance indicators. These features will allow for the identification of achievement trends across time and systematic gathering of data to enhance promotional strategies and college readiness.

The tracker display data related to students' progress provides a visually accessible, user-friendly format for different audiences and at different levels of aggregation.

7. Provide the capability to set multiple levels of access to the system (school, division, and state).

Response to Item 7:

The system will feature full multi-level security by centralized assignment of defined security groups. Role- Based Permission Levels can be set up to assign which user type can access which modules, applications, districts, schools and students. This functionality provides super administration rights to turn on and off applications and provide multiple levels of access by user type. A custom application pool with a custom service identity will be used to authorize users to a specific resource.

In addition, authorizing users and control access to resources and application functionality will be restricted by using one or more of the following mechanisms:

- **URL authorization is used** to control access to requested files and folders based on the request URL. URL authorization is configured by using an <**authorization**> element in the Web.config file to control which users and groups of users have access to requested resources. Authorization is based on the **IPrincipal** object stored in **HttpContext.User**. With Windows authentication, this object is of type **WindowsPrincipal** and it contains a **WindowsIdentity** object that holds the Windows token for the authenticated user.

  Note: ASP.NET version 2.0 and greater on Windows Server 2003 protects all files in a particular directory, even those not mapped to ASP.NET such as .html, .gif, and .jpg files.

- **File authorization.** For file types mapped by IIS to the ASP.NET ISAPI extension (Aspnet_isapi.dll), automatic access checks are performed using the authenticated user's Windows access token against the access control list (ACL) attached to the requested ASP.NET file. The **FileAuthorizationModule** class only performs access checks against the requested file. For example, if you request Default.aspx and it contains an embedded user control (Usercontrol.ascx), which in turn includes an image tag (pointing to Image.gif), the **FileAuthorizationModule** performs an access check for Default.aspx and Usercontrol.ascx, because these file types are mapped by IIS to the ASP.NET ISAPI extension. The **FileAuthorizationModule** does not perform a check for Image.gif, because this is a static file handled internally by IIS. However, because access checks for static files are performed by IIS, the authenticated user must still be granted read permission to the file with an appropriately configured ACL.

  Note: Impersonation is not required for file authorization.

- **Role checks.** You can check the authenticated user's role membership by using methods such as **User.IsInRole** and **Roles.IsUserInRole**. This allows you to perform fine-grained authorization logic. To use the Roles API, you need to enable role manager

for your application. You can also use principal permission demands and use class-level and method-level declarative security to control which users should be allowed to call classes and methods.

See Appendix F for our Role Based Authentication user mapping.

8. *The system should be certified by the Schools Interoperability Framework Association (SIFA), to at least version 1.5 of the specification (contractors shall provide copies of their Conformance Statement Questionnaire (CSQ) as proof that they are able to provide the minimum data elements listed above.*

Response to Item 8:

See Appendix A for our SIFA certification documentation and CSQ.

9. The system must be compliant with state and federal privacy laws and regulations.

Response to Item 9:

DataCation specializes in the management and reporting of student information. We follow all FERPA compliance guidelines under Federal Statute: 20 U.S.C. Sec. 1232(g) and Federal Regulations 34 CFR Part 99 in addition to all State rules and regulations and IDEA. DataCation protects all education records which contain information which is directly related to a student.

10. *The system must be compliant with Virginia's Information Security Policy and Standards (http://www.vita.virginia.gov/library/default.aspx?id=537#securityPSGs).*

Response to Item 10:

The DataCation system will comply with all Virginia's Information Security Policy and Standards.

For data transfer, the use of Secure Sockets Layer (SSL) protects the forms authentication credentials and the forms authentication cookie which is passed from browser to server. This ensures that the authentication cookie is passed only over HTTPS connections. The authentication cookie will not persist on the client computer and cookie information is protected from being accessed by any client script.

To protect the data in our database that is accessed by multiple Web servers, the data will be encrypted with a strong symmetric encryption algorithm and the encryption key protected with DPAPI. We will:

- Use a strong symmetric encryption algorithm such as 3DES or AES;
- Generate a strong (192 bit, 24 byte) encryption key. Back up the encryption key, and store the backup in a physically secure location; and

- Use DPAPI to encrypt the symmetric encryption key on each Web server and store it in a secured registry key and create an ACL to protect the registry key that allows full control for administrators and read only access for your ASP.NET process account.

To encrypt data and decrypt data, retrieve the encrypted symmetric encryption key from the registry, and use DPAPI to decrypt the key, an encryption key is used to either encrypt or decrypt the data stored in the database. With this process, if the DPAPI account used to encrypt the encryption key is damaged, the backup of the 3DES key can be retrieved from the backup location and be encrypted using DPAPI under a new account. The new encrypted key can be stored in the registry and the data in the database can still be decrypted.

Instrument your application and monitor user management events such as password resets, password changes, account lockout, user registration, and authentication events. Doing this helps you to detect and react to potentially suspicious behavior. It also enables you to gather operations data; for example, to track who is accessing your application and when user account passwords need to be reset.

By default, ASP.NET health monitoring records all WebFailureAuditEvents, which ASP.NET raises when user authentication fails in forms authentication with the membership system. ASP.NET also raises a WebFailureAuditEvent when authorization is not granted to a resource protected by file authorization and URL authorization.

Instrument your application and monitor events that might indicate unusual or suspicious activity. This enables the administrator to detect and react to potential problems as early as possible. Unusual activity might be indicated by:

- Replays of old authentication tickets;
- Too many login attempts over a specific period of time;
- Replays of old authentication tickets automatically raise an ExpiredTicketFailure event. To raise an event for too many login attempts, if you are using the membership system and the Login controls, you can write an event handler for the LoginError event of the Login control. In the handler, call Membership.GetUser(Login1.UserName).IsLockedOut to determine if there have been too many login attempts for the user. You can then raise a custom event to indicate that the account has been locked out.

Protect audit and log files using Windows ACLs and restrict access to the log files. If you log events to SQL Server or to some custom event sink, use appropriate access controls to limit access to the event data. For example, the administrator may grate "write access" to the account or accounts used by your application, grant "full control" to administrators, and grant "read-only" access to operators.

This makes it more difficult for attackers to tamper with log in order files to cover their tracks. It minimizes the number of individuals who can manipulate the log files. Authorize access only to highly trusted accounts such as administrators.

11. *The system should be capable of integrating with a school division's active directory to enable single-sign on for teachers and administrators.*

Response to Item 11:

The Intranet Solution. Beginning from the upper left hand corner of figure 1 (See Appendix G), an internal user brings up a browser and navigates to a specific Web site (Step 1). This Web site verifies (Step 2) the user against their Windows credentials (through Active Directory). If the user is a valid Windows user, he is allowed to enter this site. Once he is authenticated, the user's identity is retrieved and a call is made to a database table (Step 3) that contains a list of applications that the specified user can run. These applications are displayed in a **DataGrid** for the user to select.

The user will click on the application he wants to run and a unique, one-time use token is generated (Step 4). This token and the user's identity will be stored in another database table. The token is then passed to a special page (via the query line) in the Web application the user wants to run. This special page will read this token from the query line and verify that the token exists in the database table (Step 5). If the token exists, it will retrieve the login id from the database and delete the record where this token was stored. This prohibits anyone else from reusing this token and sends the login id back to the Web application.

Once the user's identity is validated within this Web application, an ASP.NET forms authentication ticket is generated since all Web applications in the intranet will use forms-based authentication. This ticket will then be used by the user while navigating through all of the secure pages on this site.

The Extranet Solution. External users (people not in your domain) who want to come into your Web application are directed to a different start page than internal users (see figure 2). The Web application that both internal and external users are directing to is secured with forms-based authentication. When an external user attempts to navigate to any page within this Web application they will be automatically redirected to a login page. This login page is a different page from the page at which the internal users are authenticated. The user must enter their credentials and a call to the database will be made to determine if the user is allowed to use this application. If they are authenticated then the normal forms-based authentication cookie will be generated for this user's session.

Reference: ASP.NET Technical Article http://msdn.microsoft.com/en-us/library/ms972971.aspx

12. *Contractors shall provide initial setup, training, and technical support to participating school divisions.*

Response to Item 12:

Two types of training— Webinar and Online—will be used for in-depth training of system users. Webinar (one-to-one/group) trainings allow new users an opportunity to explore and engage with the system under the direct guidance of a certified trainer. These trainings include:

research overview, step-by-step instruction on data collection and analysis, and technical guidance and support.

The Online Tutorial is a self-paced, easy-to-use, video-based learning site. The format allows learners to use the system at their own pace, on their own time. The online training includes short individual video clips and online exercises that give users the opportunity to select what they want to learn and the order in which they want to learn it. The Tutorial is broken down into three sections. Section one reviews the basics of the system; section two provides users an opportunity to practice and enhance their comfort level with the tools; and the final section includes exercises that help ensure all users are consistent and accurate.

CaseNEX - Datacation will provide a Users' Training Manual, an Online Video Guide of System Components, an FAQ feature, and a submission and request for assistance area. CaseNEX-DataCation provides a technical support call-in area available form 8:00 AM to 6:00 PM and full service email support area.

Summary Statement and References (RFP Section IV.B.2)

IV.B.2 *A written summary statement to include a minimum of three (3) references for which the same or similar services were provided to include contact name, address and phone number.*

Response to IV.B.2:

Summary Statement

CaseNEX – DataCation has provided the same or similar services to an array of school, district, and states. Recently, in Rochester (NY) City School District, the Company provided a complete Student Management Tracking System, with Dashboard capabilities that extracted data from multiple sources, including the district's Chancery Student Information System Warehouse. In New York City, the Company provides a comprehensive customized data system to New Visions, a non-profit educational organization which runs 80 public high schools in the City. In addition to extracting data from multiple NYC school data systems and delivering dashboard capabilities to principal and teacher desktops in New Visions schools, CaseNEX – DataCation also developed and delivered a meta-data dashboard which allows New Visions to create and monitor customized student metrics and monitor and evaluate system use by teachers and administrators. Finally, in New Mexico, the Company developed and currently maintains the New Mexico Public Education Department STARS Data Dashboard, which displays longitudinal data for every school and schools district in the state across multiple data categories. The interactive STARS Dashboard allows for drill-down analysis from aggregate to individual school data, as well as comparisons across schools and districts.

For more information on these implementations, see the Response to RFP Section IV.B.3 below.

References

Rochester City School District
July 2008 – Present
NCLB – Graduation Tracking System
60 Schools – 34,000 Students
Robert Ulliman
Director of Planning
Office of Accountability
585-262-8190
Robert.Ulliman@rcsdk12.org

New Visions for Public Schools – New York City
May 2010 – Present
78 Schools – 40,000 Students
Customized Data Applications, Tracking Tools, District Dashboard, Skedula Application and NCLB – Graduation Tracking System
Susan Fairchild
Director of Data Analysis and Applied Research
sfairchild@newvisions.org
646-486-8120

New Mexico Public Education Department
May 2010 – Present
830 Schools – 800,000 Students
State Data Dashboard
Sheila Hyde, Ph.D.
Deputy Secretary of Education, Learning & Accountability
300 Don Gaspar, Room 109
Santa Fe, New Mexico 87501
505-827-3876
sheila.hyde@state.nm.us

Narrative (RFP Section IV.B.3)

IV.B.3. *A written narrative explaining how you plan to meet the design and technical requirements; describe and provide examples of your experience providing the same or similar services.*

Response to IV.B.3:

Meeting design and technical requirements. CaseNEX - DataCation will plan and conduct the initial project meeting for key stakeholders. The meeting will serve as the springboard for all future activity. The project manager and staff will explain the project goals, objectives, and indicators of success. A timeline will depict project milestones. As noted below, time will be devoted to processes of evaluation and reporting.

CaseNEX – DataCation will establish a regular reporting feature—a modified performance evaluation review technique—using an online scheduling tool called "Basecamp". The feature will encourage regular and unscheduled interactions among key stakeholders.

CaseNEX- DataCation will work with the New Virginia State Department of Education, MIS team, Academic office, and other support staff assigned to this project to generate a coherent list of strategic goals and objectives to be measured by the VA State Dashboard System.

The CaseNEX – DataCation team will also assess how current measures used by the Virginia State Department of Education can best be displayed within this system to allow users to seamlessly view and analyze data.

In collaboration with the Virginia DOE team, we will assess the structure of the current data extracts generated by all current Data Systems to determine the appropriate protocols, procedures, and routines required for the data transfer process into the DataCation Dashboard System.

The CaseNEX - DataCation teams will consist of Educational Project Management with one Project Manager and 2 educational and training specialists, Policy Project Manager, and Software Project Management with 1 Project Managers, 1 Data Architect, 3 .net developers, 1 UI Designer, 1 Document Writer.

Examples of experience with similar services. Over the 2008-2009 school year, CaseNEX – DataCation rolled out a full Student Management Tracking System for Rochester City School District in New York State, concentrating on NCLB Tracking and Graduation

Eligibility Tracking Systems with full service for counselor programming, promotional tracking, pass/fail analysis, intervention grouping, transcript applications, grading management, reporting techniques and more. RCSD has a student population of 32,000 in 60 schools. For the RCSD Project we run a nightly ETL from their Chancery Student Information System Warehouse. Rochester City School District has recently gained high graduation rates thanks to the DataCation platform according to "Zooming in on grad rates", May 2010. See Appendix H.

In 2009 CaseNEX - DataCation implemented a full DataCation Product Suite including Skedula - Teacher Management Portal, Pupil Path – Student/Parent Portal, NCLB / Graduation Eligibility System and PADS – Grade Management System. Currently 210 schools in New York City containing approximately 164,000 students / parents and 9,000 teachers use the system. Three of the major NYC Support Organizations (District Level access) have customized administrative control panels, management tools, data applications and school management utilities. The NYC DataCation Platform extracts information from 5 NYC source data systems by district and individual school feeds with specialized data extractor tools for easy district and school management for data transfer.

One Partnership Support Organization (PSO, also referred to as a "District" in New York City), called New Visions (NV), have their own version of a School Snapshot that was developed to meet the data demands of school staff. The School Snapshot integrates different data sources into an aggregate, school-level report summarizing student performance trends linked to city, state and federal accountability indicators. It was designed to help principals and administrators quickly identify and target areas of need within their schools and piloted for three years within the New Visions PSO network before being adapted to the DataCation platform. Now the School Snapshots includes (but is not limited to) graphs on attendance, marking period grades, credit accumulation, high stake state assessments, and tracking to specific pre-defined metrics. Functionality within DataCation allows school staff to quickly drill down from the aggregate report at the school level to the individual school level. Functionality also links the NV Data Tools with the student profile page in the DataCation Platform to look at an individual student view. Grouping functionality also allows school staff to identify at-risk students, create groups, and add interventions so users can then quickly run reports by specific groups/programs and track success over time.

A recent 3 part video news story explains why DataCation is the choice among districts and schools in New York. Watch on the links below or see the transcript in Appendix I.
http://www.ny1.com/content/135696/more-schools-passing-up-doe-database--part-1
http://www.ny1.com/content/135770/more-schools-passing-up-doe-database--part-2
http://www.ny1.com/content/135844/more-schools-passing-up-doe-database--part-3

In 2010, DataCation developed the New Mexico Public Education Department STARS Data Dashboard which displays aggregate longitudinal data for every public school and school district in the state. The Dashboard allows school officials and the public to display data trends and forecasts for multiple performance indicators, such as Enrollment; Attendance; Performance on State Exams, SATs, and PSATs, broken out by NCLB subgroups; Graduation-Promotion Rates; School Climate; Incident Reporting; and Teacher Qualifications.

Customized interactive Dashboard tools allow users to define and graph actual performance, growth targets, and progress for individual schools or districts, or to compare schools or districts by any performance indicator. In addition to public access to statewide

aggregate data, hierarchical access options allow NMPED, district, and school officials to drill-down to individual school or student data. The ability to move vertically from statewide aggregate data to individual schools or students allows school officials to promote growth, track progress, and efficiently allocate resources to areas of need for 900 school and 800,000 students.

Pricing (RFP Sections IV.B.4 and IX.X)

IV.B.4. Propose a base unit price per school (to be paid by each school division for each school) and a base price for the customization of a Virginia Dashboard for the system requirements in section III, STATEMENT OF NEEDS, where the contractor will agree to provide services (indicate in the pricing schedule, Section X of this RFP).
IX.X. The proposed base unit price must not include any costs related to rental of real estate or office space. The proposed base unit price shall include only those costs related to design and technical requirements of the Virginia Dashboard as specified in section III, STATEMENT OF NEEDS. The proposed base unit price must be all inclusive (overhead, profit, travel, technical support throughout the year and training of division staff etc.), except for the exclusions indicated above.
$_____ BASE UNIT PRICE PER SCHOOL PER SCHOOL YEAR
$_____ BASE PRICE FOR THE ONE TIME FEE FOR THE VIRGINIA DASHBOARD CUSTOMIZATION AND TECHNICAL REQUIREMENTS
$_____ BASE MAINTENANCE PRICE EACH YEAR FOR THE OFFICE OF SCHOOL IMPROVEMENT FOR THE VIRIGNIA DASHBOARD UPDATES AND TECHNICAL ASSISTANCE
The offeror may attach a list of known additional unit pricing for items and services not included in the above base unit price such as for additional support. it is also recognized that additional costs not proposed for purposes of the contract may be incurred by the contractor based on demands of the ordering entity in carrying out the services 19
contemplated herein; therefore, the contractor and ordering entity may negotiate additional charges to be imposed and may negotiate changes to the original order during performance. The base unit price and any additional unit prices submitted with the proposal shall not be subject to change except as authorized by the VDOE in accordance with the terms and conditions contained herein.

Response to IV.B.4 and IX.X:

$500.00	BASE UNIT PRICE PER SCHOOL PER SCHOOL YEAR
$175,000	BASE PRICE FOR THE ONE TIME FEE FOR THE VIRGINIA DASHBOARD CUSTOMIZATION AND TECHNICAL REQUIREMENTS
Included*	BASE MAINTENANCE PRICE EACH YEAR FOR THE OFFICE OF SCHOOL IMPROVEMENT FOR THE VIRIGNIA DASHBOARD UPDATES AND TECHNICAL ASSISTANCE *The base maintenance fee for the Office of School Improvement will be included in the base unit price per school per school year.

Small Business Subcontracting Plan (RFP Section IV.B.5 and Attachment A)

Small Business Subcontracting Plan

Definitions

Small Business: —Small business means an independently owned and operated business which, together with affiliates, has 250 or fewer employees, or average annual gross receipts of $10 million or less averaged over the previous three years. Note: DMBE-certified women- and minority-owned businesses shall also be considered small businesses when they have received DMBE small business certification.

Women-Owned Business: Women-owned business means a business concern that is at least 51% owned by one or more women who are citizens of the United States or noncitizens who are in full compliance with United States immigration law, or in the case of a corporation, partnership or limited liability company or other entity, at least 51% of the equity ownership interest is owned by one or more women who are citizens of the United States or noncitizens who are in full compliance with United States immigration law, and both the management and daily business operations are controlled by one or more women who are citizens of the United States or noncitizens who are in full compliance with the United States immigration law.

Minority-Owned Business: Minority-owned business means a business concern that is at least 51% owned by one or more minority individuals or in the case of a corporation, partnership or limited liability company or other entity, at least 51% of the equity ownership interest in the corporation, partnership, or limited liability company or other entity is owned by one or more minority individuals and both the management and daily business operations are controlled by one or more minority individuals.

All small businesses must be certified by the Commonwealth of Virginia, Department of Minority Business Enterprise (DMBE) to participate in the SWAM program. Certification applications are available through DMBE online at www.dmbe.virginia.gov (Customer Service).

Offeror Name: CASENEX LLC

Preparer Name: GRIFFIN FERNANDEZ **Date:** JUNE 17, 2011

Instructions

A. If you are certified by the Department of Minority Business Enterprise (DMBE) as a small business, complete only Section A of this form. This shall include DMBE-certified women-owned and minority-owned businesses when they have received DMBE small business certification.

B. If you are not certified by DMBE as a small business and plan to subcontract part of this contract with a DMBE certified business, complete only Section B of this form.

C. If you are not certified by DMBE as a small business and cannot identify any subcontracting opportunities to subcontract part of this contract with a DMBE-certified business, only provide the information requested in Section C of this form.

Section A

If your firm is certified by the Department of Minority Business Enterprise (DMBE), are you certified as a (**check only one below**):

_____ Small Business
_____ Small and Women-owned Business
_____ Small and Minority-owned Business

Certification number:_____ Certification date:_____

Section B

Populate the table below to show your firm's plans for utilization of DMBE-certified small businesses in the performance of this contract. This shall include DMBE-certified women-owned and minority-owned businesses that meet the small business definition and have received the DMBE small business certification. Include plans to utilize small businesses as part of joint ventures, partnerships, subcontractors, suppliers, etc.

B. Plans for Utilization of DMBE-Certified Small Businesses for this Procurement

Small Business Name & Address DMBE Certificate #	Status if Small Business is also: Women (W), Minority (M)	Contact Person, Telephone & E-mail	Type of Goods and/or Services	Planned Contract Involvement	Planned Annual Contract Dollar Expenditure Amount
ValueDOT LLC 5330 5th Street North Arlington, VA 22203 DMBE Certification # 669468	**M**	Vishal Khemka 202-297-2002 vkhemka@ valuedot.com	Software Programming Services	Subcontract for portions of the software customization included in CaseNEX's proposal	Anticipated amount: $80,000 to $100,000. This range (as a percentage of project total) is consistent with prior projects on which ValueDOT has been engaged by CaseNEX for similar services.
Totals					$80,000 - $100,000

State Corporation Commission Form (RFP Section IV.B.6 and Attachment A)

State Corporation Commission Form

Virginia State Corporation Commission (SCC) registration information. The offeror:

☒ is a corporation or other business entity with the following SCC identification number: S052783-0 **-OR-**
☐ is not a corporation, limited liability company, limited partnership, registered limited liability partnership, or business trust **-OR-**
☐ is an out-of-state business entity that does not regularly and continuously maintain as part of its ordinary and customary business any employees, agents, offices, facilities, or inventories in Virginia (not counting any employees or agents in Virginia who merely solicit orders that require acceptance outside Virginia before they become contracts, and not counting any incidental presence of the offeror in Virginia that is needed in order to assemble, maintain, and repair goods in accordance with the contracts by which such goods were sold and shipped into Virginia from offeror's out-of-state location) **-OR-**
☐ is an out-of-state business entity that is including with this proposal an opinion of legal counsel which accurately and completely discloses the undersigned offeror's current contacts with Virginia and describes why those contacts do not constitute the transaction of business in Virginia within the meaning of § 13.1-757 or other similar provisions in Titles 13.1 or 50 of the Code of Virginia.

****NOTE**** >> Check the following box if you have not completed any of the foregoing options but currently have pending before the SCC an application for authority to transact business in the Commonwealth of Virginia and wish to be considered for a waiver to allow you to submit the SCC identification number after the due date for proposals (the Commonwealth reserves the right to determine in its sole discretion whether to allow such waiver): ☐

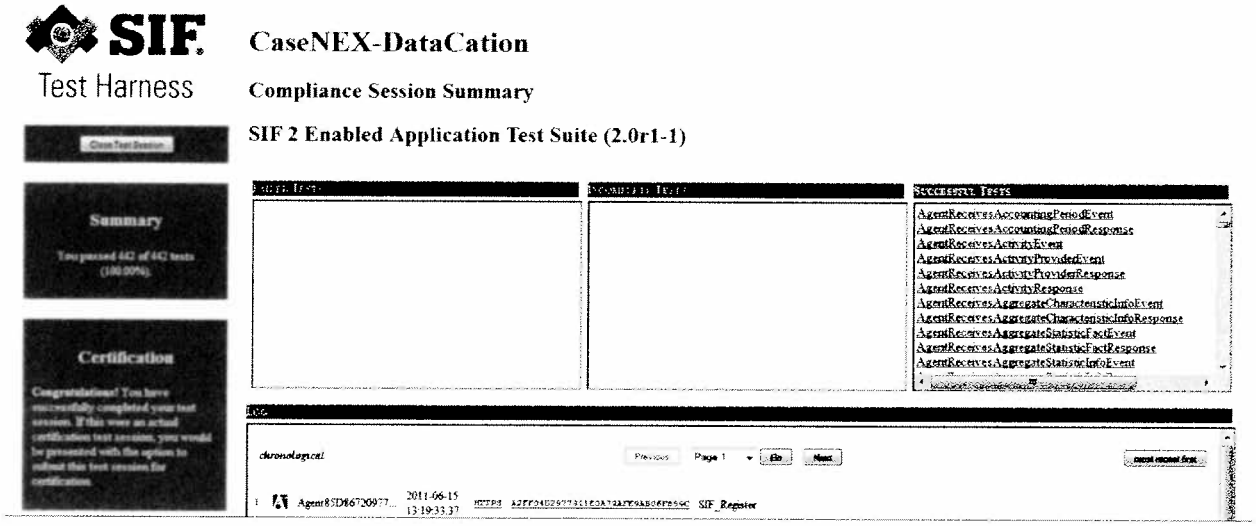
APPENDIX A

CaseNEX-DataCation SIFA certification is in process. A SIFA Certification Practice Session has been successfully completed and final SIFA Certification is expected prior to June 24, 2011.

Appendix A contains the following documents related to SIFA Certifciation:

- A screen shot of the notification of the successful SIFA Certification Practice Session; and
- The CSQ Summary.

Screen Shot of Notification of the Successful SIFA Certification Practice Session



CSQ Summary

(Starts on next page)

APPENDIX A (continued)

6/15/2011

SIF 2 Enabled Application

SIF 2 Enabled Application (2.0r1-1)
Conformance Statement

1. Submitter Information

Organization:	CaseNEX
Author:	Visual Software, Inc. on behalf of CaseNEX-DataCation

2. Product Information

Application Name:	DataCation Management Suite
Application Version:	2.01 and above
Application Vendor:	CaseNEX
Agent Name:	ZIAgent
Agent Version:	7.0.4 and above
Agent Vendor:	Visual Software, Inc.

3. Testing Environment

Test Suite Name:	SIF 2 Enabled Application Test Suite
Version Number:	2.0r1-1
Specification Version:	2.0r1
Application Version tested:	1.0
Agent Version tested:	7.0.4
Operating System:	Windows Server 2008 R2 Standard
Software Components:	
? Hardware Environment	Dual-Core AMD Opteron(tm) Processor 1210 CPU 1.80GHz 4.00 GB RAM 64-bit Operating System

4. Operational Environment ?

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APPENDIX A (continued)

Revision History:

2.0r1-1November 1, 2007This is the first release of the SIF 2 Enabled Application (2.0r1) Conformance Statement.

Version	Date	Change History

5. Characterization of the product's implementation-dependent behavior

Transport Support

Protocol
- [x] SIF HTTPS
- [x] SIF HTTP

Mode Support

Mode
- [x] Push
- [ ] Pull

HTTPS Support

Which SSL versions does your application support for initiating connections to the ZIS?
- [x] TLS 1.0
- [ ] SSL 3.0
- [ ] TLS 1.0 negotiated using an SSL 2.0 hello
- [ ] SSL 3.0 negotiated using an SSL 2.0 hello

If your application supports Push mode, which SSL versions can your agent accept when receiving incoming connections from the ZIS?
- [x] TLS 1.0
- [ ] SSL 3.0
- [ ] TLS 1.0 negotiated using an SSL 2.0 hello
- [ ] SSL 3.0 negotiated using an SSL 2.0 hello

Security

SIF Authentication Level Support

Authentication Level

APPENDIX A (continued)

0 - No authentication required and the sender does not have to submit a certificate.
1 - A valid certificate must be presented.
2 - A valid certificate from a trusted certificate authority must be presented.
3 - A valid certificate from a trusted certificate authority must be presented and the CN field of the certificate's subject entry must match the host, which is originating the message.

Is your agent capable of returning client certificates (authentication level 1-3)?	○ Yes ◉ No
If your agent ever explicitly requests authentication levels 1-3 of other agents at delivery time, which authentication levels might be explicitly requested?	☑ 1 ☑ 2 ☑ 3
If your agent authenticates server certificates returned by the ZIS, which authentication levels might be required?	☑ 1 ☑ 2 ☑ 3
If your agent supports Push mode and your agent ever requires a client certificate from the ZIS, which authentication levels might be required?	☑ 1 ☑ 2 ☑ 3

SIF Encryption Level Support

Encryption Level
0 - No encryption required
1 - Symmetric key length of at least 40 bits
2 - Symmetric key length of at least 56 bits
3 - Symmetric key length of at least 80 bits
4 - Symmetric key length of at least 128 bits

Which encryption levels is your agent capable of supporting in SIF HTTPS?	☐ 0 ☐ 1 ☐ 2 ☑ 3 ☑ 4
If your agent ever explicitly requests encryption levels of other agents at delivery time, which encryption levels might be required?	☐ 0 ☐ 1 ☐ 2 ☑ 3 ☑ 4
Which encryption levels might your agent require from a ZIS in SIF HTTPS?	☐ 0 ☐ 1 ☐ 2 ☑ 3 ☑ 4

Message Validation

Is your application capable of performing XML validation on incoming messages?	○ Yes ◉ No

Error Handling

If a SIF_Ack is returned with any type of error category other than a transport error, does the application stop trying to send the message (delete or inactivate the message) in order to avoid a potential deadlock condition?	◉ Yes ○ No

Buffer Size

Minimum SIF_MaxBufferSize (in bytes):	8000
Maximum SIF_MaxBufferSize (in bytes):	256000

Unicode Support

Does your agent support Unicode (e.g. it does not map back and forth between Unicode and a local character set)?	◉ Yes ○ No

APPENDIX A (continued)

6. Object Matrix

Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
AccountingPeriod	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Activity	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
ActivityProvider	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
AggregateCharacteristicInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
AggregateStatisticFact	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
AggregateStatisticInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Assessment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery							☑
AssessmentAdministration	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery							☑
AssessmentForm	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery							☑
AssessmentPackage	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery							☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	

APPENDIX A (continued)

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AssessmentRegistration	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
AssessmentSubTest	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
Assignment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
AttendanceCodeInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Authentication	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
Billing	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
BusEquipment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
BusInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
BusPositionInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
BusRouteDetail	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
BusRouteInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
BusStopInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑

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Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
CalendarDate	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
CalendarSummary	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
CurriculumStructure	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
DisciplineIncident	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
EmployeeAssignment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
EmployeeContract	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
EmployeeCredential	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
EmployeeCredit	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
EmployeePersonal	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
EmployeePicture	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
EmployeeRecertification	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
EmployeeWage	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
EmploymentRecord				☐	☐	☐	☑	☑	☑	☑

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Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
FinancialAccount	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FinancialAccountAccountingPeriodLocationInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FinancialAnnual	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
FinancialBudget	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
FinancialClass	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
FinancialIncomeStatement	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FinancialTransaction	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FiscalYear	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceItem	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceItemPortion	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
FoodserviceItemSales	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑

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FoodserviceItemUnit	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceMealPrices	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceMenuPlan	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceMilkSales	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
Object	**Provides**	**Responds**	**Requests**	**Publishes Events**			**Processes Events**			**Imports/Synchronizes**
				Adds	**Changes**	**Deletes**	**Adds**	**Changes**	**Deletes**	
FoodservicePurchaseTransaction	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceReimbursementRates	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceSales	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceStaffEnrollmentCount	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
FoodserviceStaffMealCounts	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
Object	**Provides**	**Responds**	**Requests**	**Publishes Events**			**Processes Events**			**Imports/Synchronizes**
				Adds	**Changes**	**Deletes**	**Adds**	**Changes**	**Deletes**	
FoodserviceStudentEnrollmentCount	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
FoodserviceStudentMealCounts	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
FoodserviceTransaction	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑

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FoodserviceTransactionDetails	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
FoodserviceTransactionPayMethod	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
GradingAssignment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
GradingAssignmentScore	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
GradingCategory	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
LEAInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
LearningResource	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
LearningStandardDocument	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
LearningStandardItem	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Lesson	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
LibraryPatronStatus	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery							☑
LocationInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes

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				Adds	Changes	Deletes	Adds	Changes	Deletes	
MarkInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
MarkValueInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
OfficialStudentPeriodAttendance	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Payment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
ProfessionalDevelopmentActivities	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	**Provides**	**Responds**	**Requests**	**Publishes Events**			**Processes Events**			**Imports/Synchronizes**
				Adds	**Changes**	**Deletes**	**Adds**	**Changes**	**Deletes**	
Purchasing	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
ReportAuthorityInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
ReportManifest	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
RoomInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
RoomType	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	**Provides**	**Responds**	**Requests**	**Publishes Events**			**Processes Events**			**Imports/Synchronizes**
				Adds	**Changes**	**Deletes**	**Adds**	**Changes**	**Deletes**	
SchoolCourseInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑

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APPENDIX A (continued)

6/15/2011 SIF 2 Enabled Application

SchoolInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
SectionInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
SectionMarkInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
SIF_LogEntry	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
SIF_ReportObject	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StaffAssignment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StaffMeal	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StaffPersonal	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentAcademicRecord	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery							☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
StudentAttendanceSummary	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery							☑
StudentContact	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentDailyAttendance	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑

http://localhost:4056/CaseNEX_CSQ.html 11/13

APPENDIX A (continued)

6/15/2011 SIF 2 Enabled Application

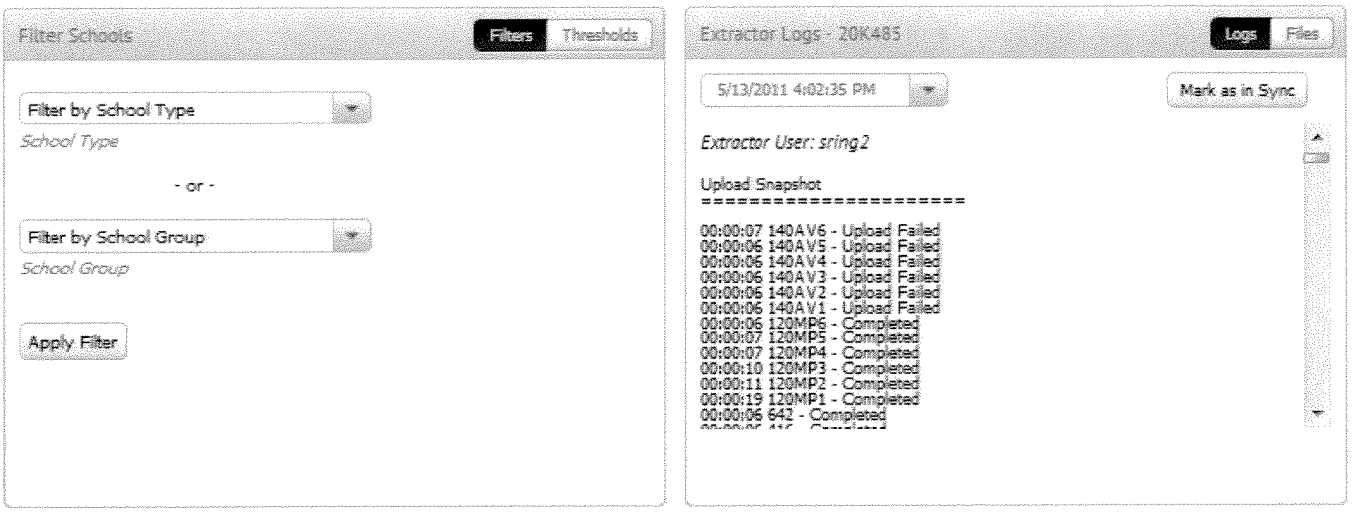
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
StudentDemographicRecord	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
StudentLocator	SIF_Query SIF_ExtendedQuery SIF_Query/SIF_Example	SIF_Query SIF_ExtendedQuery SIF_Query/SIF_Example	[redacted] SIF_ExtendedQuery SIF_Query/SIF_Example							☑
StudentMeal	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentParticipation	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentPeriodAttendance	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentPersonal	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentPicture	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
StudentPlacement	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentRecordExchange	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
StudentRecordPackage	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
StudentResponseSet	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentSchoolEnrollment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	

http://localhost:4056/CaseNEX_CSQ.html 12/13

APPENDIX A (continued)

StudentScoreSet	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentSectionEnrollment	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentSectionMarks	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
StudentSnapshot	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
StudentSpecialEducationRecord	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
StudentTransportInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
TermInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
TestAccommodation	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery							☑
TimeWorked	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
VendorInfo	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑
Object	Provides	Responds	Requests	Publishes Events			Processes Events			Imports/Synchronizes
				Adds	Changes	Deletes	Adds	Changes	Deletes	
W4	SIF_Query SIF_ExtendedQuery	SIF_Query SIF_ExtendedQuery	[redacted] SIF_ExtendedQuery	☐	☐	☐	☑	☑	☑	☑

APPENDIX B



Schools

DBN	School	Type	Active Term	Unassigned	Last Sync
20K485	High School of Telecommunication Arts and Tech	High School	102	18	5/13/2011 4:25:59 PM
04M635	Academy of Environmental Science Secondary H	Secondary School (6-12)	104	0	5/11/2011 3:32:07 PM
03M417	Frank McCourt High School	High School	101	2	5/10/2011 7:58:56 AM
06M311	Amistad Dual Language School	Elementary School	101	0	4/29/2011 3:52:01 PM

Example of the DataCation customized Data Extractor Reporting screen. When a school runs the extractor the state/district/school will determine the data sync results on success of data being uploaded as shown in the upper right hand corner. In addition to extraction results the specified user will be able to download the raw data files, view school log, set thresholds to indicate data as being in or out of sync.

APPENDIX C

Groups Administration

Criteria List

ALTORFER
ANDERSON
BASSO
BATTLES
BAUMAN
BERTOGLIO
BOHBOT
BOULAY
CARTER SINCLAIR
CHANNER
CHIDRAOUI
CORTO
CROWLEY
CUNNINGHAM
DANIEL
DANIELS
DEBERNARDO
DEMARTINI
DEMARTINI EXAM
DEMOLEAS
DEMOLEAS EXAM
DING

Create a New Group

Group Name:

Group Type

- Students
- Flags
- Age
- Official Class
- Counselor
- Cohort
- Course Code
- Course Section
- Teacher

Privacy Settings

☐ Make this Group Private

Save Group

Have the ability to create intervention groups. Create intervention groups by student or based by existing grouping flags. Query based groups make it easier for users to manage as they move from Level, Classes or teachers the groups will automatically adjust. Pre-set Group titles and management will allow states to aggregate and compare interventions across schools, district and the state.

APPENDIX D

Preview / Save Query

2009-2010 Term: 2: Number of Students

Daily Attendance % between 95 and 100: Ethnicity

Execute Query

Plot - Axes Filter Data Display Options

Filter Data By:

Remove Filter	Add to Denominator	Filter Description
✕	☐	Daily Attendance % between 95 and 100
✕	☐	Ethnicity = 3
✕	☐	PL Math = 3, 4

Plot - Axes **Filter Data** Display Options

School Term: 2009-2010 Term: 2

Plot (Y-Axis): Number of Students

Pivot (X-Axis): Grade Level

Choose the Grade Levels to Pivot

All | None | Invert

☑ 09 ☑ 10 ☑ 11 ☑ 12
☑ ST

CONTINUED ON THE NEXT PAGE

Compare Against

2009-2010 Term: 2: Number of Students

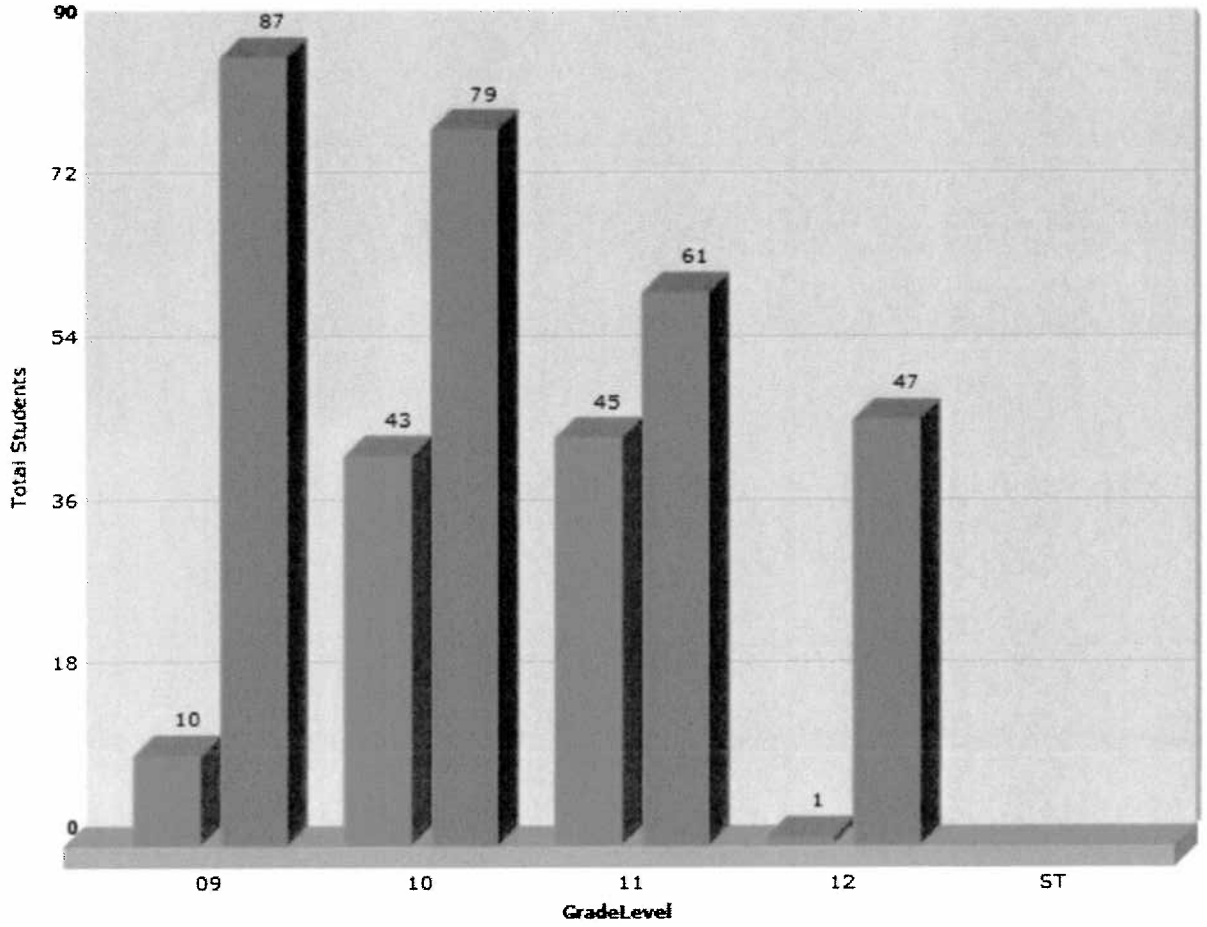
Absent between 90 and 100;

Query generated on: 4/7/2010 10:43:09 AM

2009-2010 Term: 2: Number of Students

PL Math = 4;

Query generated on: 4/19/2010 3:35:42 PM



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Data Source

12

Download to Excel Data Options

Student ID	First Name	Last Name	Grade	OFC	Cohort	Parent	Addres	City St	TelePh	PP Par
562986557	Linda	Bailey	12	XDE	2009	Andrew	1129 W	ROYCE	972635	
563971871	Arthur	Gomez	12	0GG	2010	Gary G	1179 R	Steube	740346	
562995012	Rebecca	Griffis	12	0GG	2010	Grace (	1136 S	Santa M	310633	
565137620	Dennis	Segal	12	0GG	2010	Robert	3914 R	WEST	847729	
564296237	Christine	Valencia	12	0GG	2010	Tabitha	3831 A	CAMBF	517357	

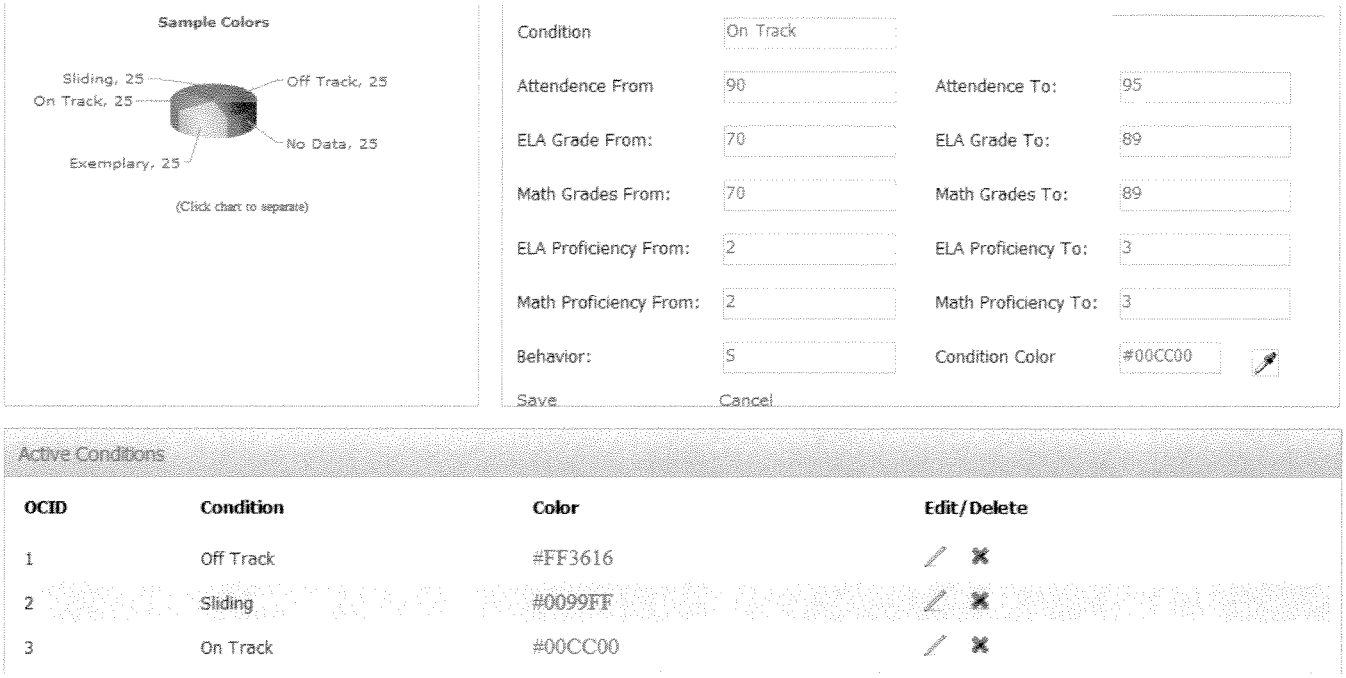
15 Page 1 of 1 Displaying 1 to 5 of 5 students

Data Analysis Tool: allows district to choose the year of data, X/Y Axes on the graph. Display options, such as chart type and visual displays; filter options which is pre-defined by the district such as Ethnicity, Lowest 1/3, Groups, Grade, Performance Levels, Standard Levels, ELL, IEP, LI, Attendance, Report Card, etc..

Query options can be saved, shared, distributed and be used to create comparison reports and longitudinal data reports.

All Graphs have drill down capability with data options to choose the data you would like included in the chart.

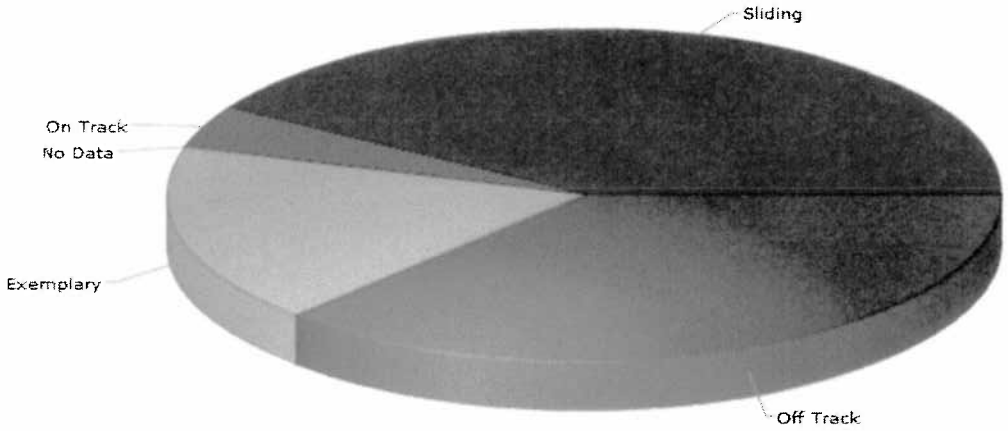
APPENDIX E



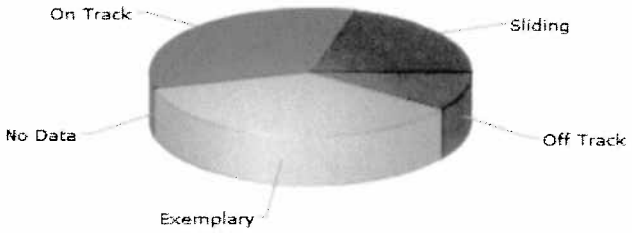
Have the ability to set multiple metric conditions with start and end range values for each possible condition on any data point. In addition you can customize graph view, color options and query sets. This metric can be used to show all Data Sets Together or individual data sets with all containing drill down options. See view below.

CONTINUED ON THE NEXT PAGE

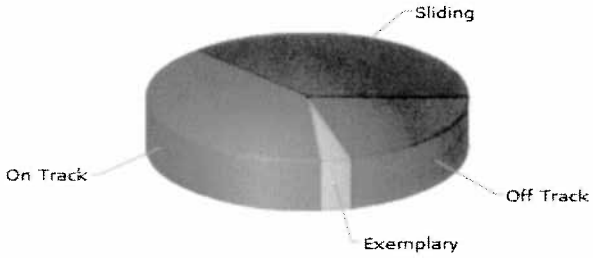
Over All Graduation Statistics
Global Neighborhood Secondary School - Year: - Grade: - Student Type:



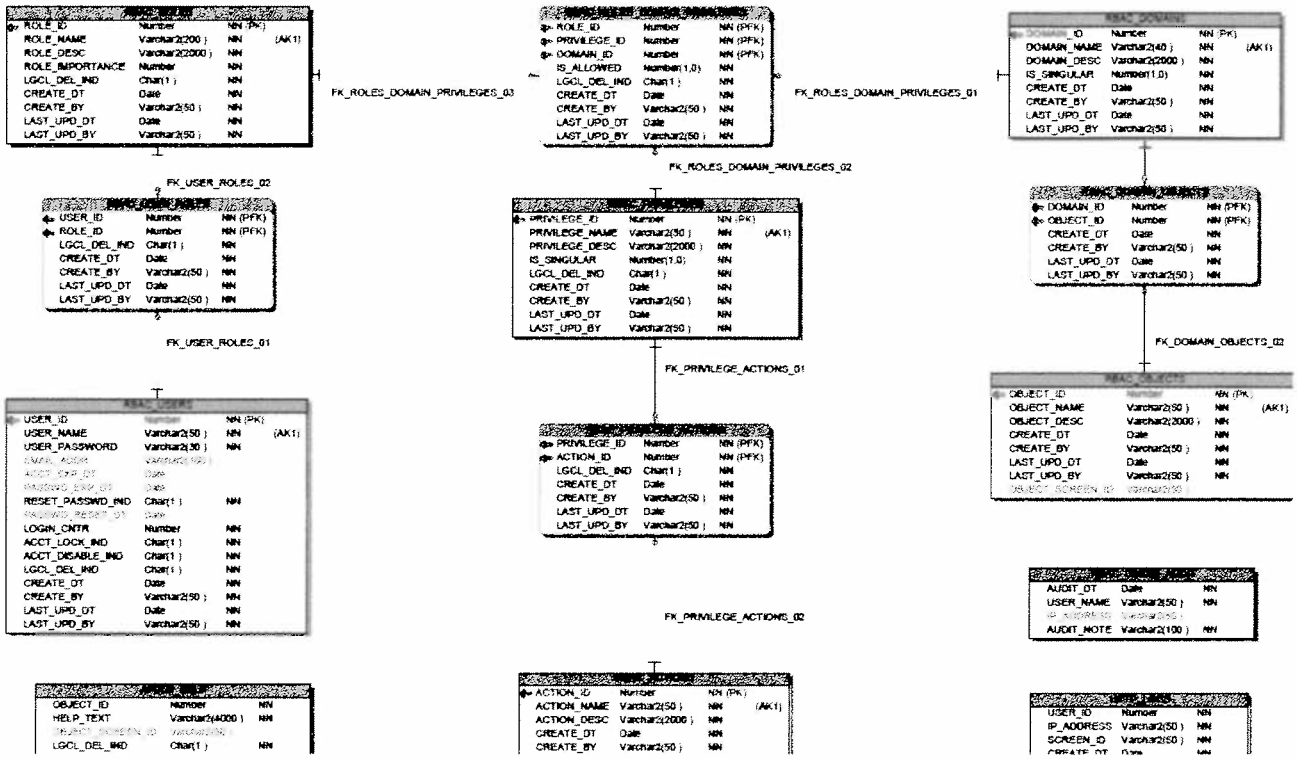
2011 Attendance Statistics
Global Neighborhood Secondary School - Year: - Grade: - Student Type:



2011 Behavior Statistics
Global Neighborhood Secondary School - Year: - Grade: - Student Type:

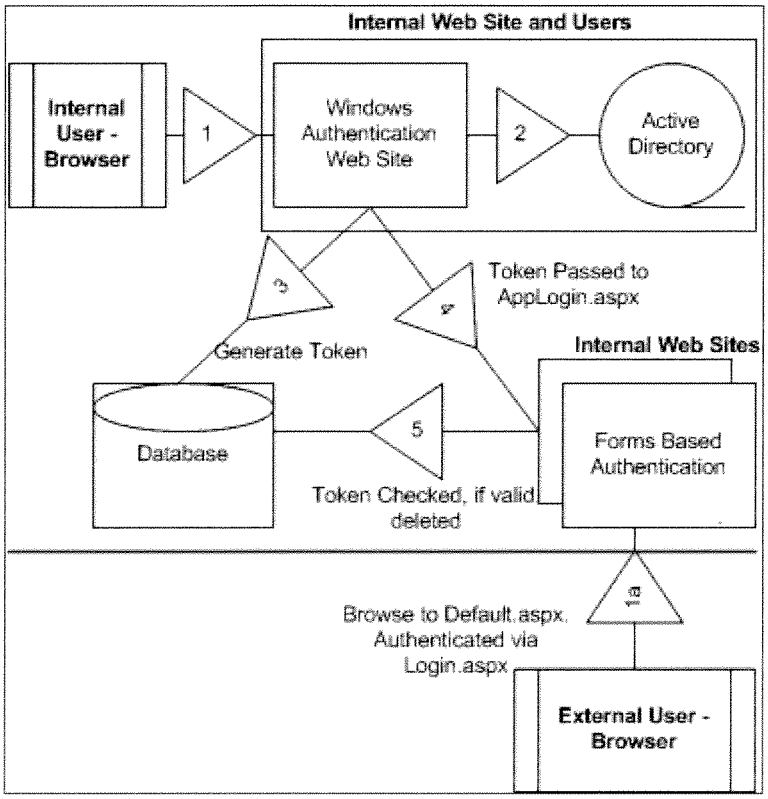


APPENDIX F



Role Based User Access Level ERD Diagram.

APPENDIX G



An example of a single sign-on solution spanning internal and external users

APPENDIX H

EDUCATION: Zooming in on grad rates

By Tim Louis Macaluso on May 18, 2010

The graduation rate for the class of 2010 could be as high as 55 percent, says a report received recently by city school board members. Jeanette Silvers, the district's chief of accountability, tempers that a bit. She says she believes the rate will be around 50 percent.

The graduation rate in 2009 was 46 percent.

The report marks the first time that district officials have been able to use a computer program called Datacation to more accurately track a cohort of students from grades 9 through 12.

The report, which was requested by board member Van White, gives a virtual real-time picture of almost every high school student's performance. Principals and school counselors know precisely what students need to do to graduate. The goal, Silvers says, is to keep those students who should be graduating on track.

Students are often unaware that they lack the 22 credits required to graduate, Silvers says. They may have a lot of credits, she says, but they might be short in key subjects like math or English.

Or students may not know how important passing one exam is to

CONTINUED ON THE NEXT PAGE

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Read Comments (0)
0 tweet

Jeanette Silvers. PHOTO BY MIKE HANLON

complete the Regents diploma requirements, says Robert Ulliman, the district's director of strategic planning. He compares the report to on-line banking.

"Now that counselors can see the data more clearly, it tells them which students are going to need intervention or how many are going to need to attend summer school," he says.

Principals can be much more proactive, he says, by putting intervention programs in place starting in grades 10 and 11.

Prior to Datacation, counselors had to gather information from a mish-mash of index cards, spread sheets, and notes in student files. In his first year serving on the board, White says he went from principal to principal with a yellow legal pad trying to pull the information together. The process was time-consuming and not particularly accurate.

"It's all about accountability," White says. "Now we can focus with laser light accuracy."

APPENDIX I

More Schools Passing Up DOE Database, Part 1

By: Lindsey Christ

When the city spent tens of millions of dollars on a computer system for student information, officials said it would revolutionize the way schools worked. But three years later, hundreds of schools are choosing to pay for a different system, which they say works better. In the first of three stories, NY1's Lindsey Christ looks into the problems with one of the DOE's biggest contracts.

When teachers at some 200 city schools want to check their students' progress, they don't turn to cabinets full of files or grade books. They just click on their pictures to get what they need: everything from attendance by class period, parents' cell phone numbers, or the type of help the student should get because of a disability. It also gives them the hard numbers which include state exam scores and day-to-day grades, like last night's math homework or last week's chemistry quiz. At home, parents can log on to get the same information.

"It's just, ya know, amazing how much information's there for the parents to see," said New Dorp

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High School Parent Coordinator Donna Lechillgrien.

Schools call it transformational -- the same word former schools chancellor Joel Klein used to describe a different data system, one the DOE developed. The city spent $80 million so schools could have the so-called ARIS system for free, but more and more of them are paying to use another system instead.

Thirty percent of high schools have bought that system, called DataCation. They pay from $4,000 to $75,000 each. Add it all up and city principals will spend about $2 million this year alone for an alternative to the DOE system.

"ARIS gave us access to students' previous grades, but it did not give us access to transcripts, it did not give us access to programs, current information. DataCation updates their information almost daily," said New Dorp High School Teacher Michael Hubbs.

ARIS had a bumpy launch in 2008, and although many of the early problems have been fixed, schools and parents complain that it still doesn't give them enough.

"ARIS doesn't give us the information that this is giving us. I am getting a grade that she's got a 98 on an exam. ARIS is giving me what she did in third grade. I'm not interested in what she did in third grade anymore, I'm interested in what she's doing now," said Parent Jackie Tripodi.

IBM systems like ARIS have come under fire elsewhere for taking too long and not being user-friendly. North Carolina canceled its contract and California officials called for their buildout to be suspended pending a wholesale review. But DOE officials say they're proud of ARIS.

"It's become a model that New York State is looking to emulate. So we are likely to see what we've built start to be scaled in other places in the coming years," said DOE Chief Academic Officer Shael Polakow-Suransky.

And while the DOE touts its own system, a growing number of schools say they would rather pay for something else.

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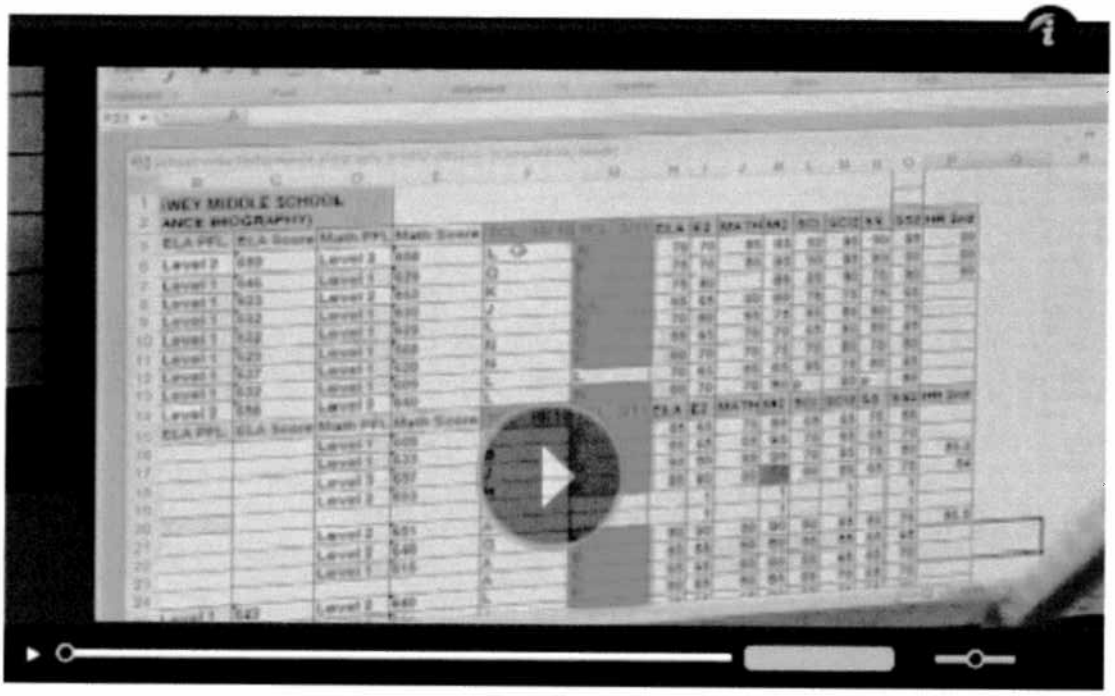
More Schools Passing Up DOE Database, Part 2

By: Lindsey Christ



It's a tale of two systems: computer systems to track how kids are doing in school. In part one of her special report, NY1's Lindsey Christ explained how the city's Department of Education spent tens of millions of dollars on one of those systems, and how leaders in a growing number of schools are using the other, which they say does a far better job. In part two, we head inside two schools to see how each of the systems works, or doesn't.

Educators at IS 136 spend a lot of time collecting and organizing data about the students there. They have to. They keep charts, graphs, and hundreds of binders. They build Excel spreadsheets to sort numbers, and email every update to everyone on staff.

"It's a lot of work. And we're still finding our way," said IS 136 Assistant Principal Sarah Herbert.

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One tool they use is the DOE's data system, ARIS. It cost $80 million. It was supposed to be a one-stop shop for data. It hasn't worked out that way.

"The problem is that there are so many systems that schools use in independence of each other that ARIS is the largest of all of them. But it doesn't have the depth that a school really needs. Pulling up trends, like a child is always absent on a Thursday and a Friday of every month. Or pulling the behavior into it. You have to go to a different system to look at behavior," said IS 136 Data Specialist Samuel Zimmerman.

But all of that is in one system at a growing number of city schools. Two hundred are now paying to use a program called DataCation. New Dorp High School is one of them.

"It changed the culture of our building. It changed the communication of our building because everything is at their finger tips," said New Dorp High School Principal Deirdre DeAngelis.

"You're talking pass-fail rate, average class grades, attendance, ranking of students, where they fall in, anecdotal logs on how the student's progressing...grades themselves, Regents scores, transcripts, program cards," said New Dorp High School Teacher Michael Hubbs.

DataCation automatically organizes information differently for each person: teachers, parents, administrators, guidance counselors, students – showing them what they need to do their job.

"I am able now to track my athletes on a daily basis," said New Dorp High School Athletic Director Richard Rucireto.

"When I forget my homework, I could look at it, cause the teacher update it every evening," said New Dorp High School Student Jeffrey Lam.

"I know her program, I know her schedule, I know her grades, I know when she was absent, I know when she was late. And when she's late, I'm able to say, 'Why were you late to class?' And the information is current. I know what is going on, I feel informed and it empowers me to help her make the right decisions toward her education," said New Dorp High School Parent Jackie Tripodi.

The DOE has been telling schools to use the data to help gauge and improve the education process. And while many are, it's just not being done with the system the DOE paid $80 million for.