

FEATURES

Use any data standard or XSD to create your ODS in minutes.

Deploy your ODS locally or in the cloud.

xDStore automatically tracks and finds missing or incomplete data from source systems through dynamic data requests.

Fully automate the ODS without the need for triggers and complex SSIS packages.

Granular security allows full control over which applications can view data – down to the field level.

Fully SIF Certified, the xDStore can subscribe to all data as well as custom data objects to gather a complete picture of your district and store it easily.

xDStore is secure and communicates using the highest security standards.

Complete support for all SIF 1.x, SIF 2.x, and SIF 3.x data objects.

REQUIREMENTS

Microsoft Windows

Server 2008, Server 2012
Windows 7, Windows 8+

Microsoft SQL Server

Express Edition or better

RAM / Hard Drive

8GB RAM* or better / 4 GB Free
HDD Space plus space for data*

CPU

Dual Core 2.0 Ghz 64-bit* or better

*Please note that some installs will require larger, alternate hardware and software. If your site has over 15,000 students, contact us for details.

xDStore

The foundation of a real time data education system is a unified data store that can integrate data from all of your schools and applications into one unified master data management environment. The xDStore is a powerful operational data store (ODS) and data warehousing application that holds the most up-to-date version of data using any data standard – or even your own – without any custom programming. Take your data even further with the power to create infinite data storage tanks that hold data over time, making reporting from the data fast and easy.

MANAGE IMPORTANT LONGITUDINAL DATA WITH XDSTORE

It is difficult to manage collecting and storing many years of data from many different sources, yet storing and linking many years of data is essential for making decisions in your district. The xDStore lets you tap into the power of data over time in combination with real time data to create complex data stores with ease. With our easy to use interface, you can create unlimited data stores in any data standard to provide data for nearly any reporting system.

STORE DATA IN ANY DATA STANDARD

Combined with the collection power of xDComposer, xDStore lets you combine any kind of educational data using any standard of your choice to store it - from SIF to CEDS to Ed-Fi. From assessment data to student demographics to staff and HR and more, any kind of data can be stored in the xDStore. The xDStore lets you easily import any XSD of your choice and automatically creates all of the database structures that are needed to store and automate the movement of the data.

PERFORMANCE THAT EXCEEDS EXPECTATIONS

Data changes fast in education – daily attendance, enrollment changes and drops, assessment results, daily grades and more. With all of the data constantly in motion, an educational ODS needs impeccable performance to keep up. The xDStore scales to meet the needs of data loads from entire states to small districts – all without ever losing a record.

INCREASE YOUR ROI ON SOFTWARE YOU ALREADY OWN

Link and standardize your data from all of your educational data systems, eliminating the need to purchase new applications or custom file exports to integrate your data.

OUR SOLUTION

Schools and districts use data that comes from many different applications and sources. The problem is that the data must be re-entered many times into each application via manual data entry. Without some way to integrate the data, keep it up to date, and check it for accuracy, the data the teachers and staff uses every day becomes stale and inaccurate. This wastes time in the classroom for teachers, extra tech support tickets for IT, and frustrated administrators who are trying to analyze and report on the data.

CPSI helps districts overcome these difficult challenges. Our solution collects data from the many different applications in real time, checks the data for accuracy, and standardizes the data for reporting, BI and analysis. We help schools and districts finally leverage all kinds of data – from rosters to assessments to attendance to more—across the entire district.

With CPSI, all of the school and district staff can be confident that the information on their computer or device always reflects the true “picture” of the data in the district. Our solution provides everyone in the district – from students to teachers to superintendents – with the underlying foundation to provide up-to-date and trustworthy information in all of the applications they use.

Object	DS	Scheme	Respond	Request
Accounting#prod	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
Activity	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
ActivityProvider	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AggregateCharacteristicsInfo	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AggregateStatisticsFact	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AggregateStatisticsInfo	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
Assessment	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AssessmentAdministration	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AssessmentExam	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AssessmentItem	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AssessmentPackage	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AssessmentRegistration	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AssessmentSubTest	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
Assignment	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AttendanceCodeInfo	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
Authentication	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
BusSchedule	N	Y	<input type="checkbox"/>	<input type="checkbox"/>

ACL Manager

#	Received	Zone Source ID / Name	CDO Name	Scheme ID	File
313	4/2/2014 18:53:03 AM	...	...	...	...
315	4/2/2014 18:53:02 AM	...	...	...	...
322	4/2/2014 11:27:28 AM	...	...	...	...
323	4/2/2014 11:27:28 AM	...	...	...	...
324	4/2/2014 11:34:40 AM	...	...	...	...
328	4/2/2014 11:35:25 AM	...	...	...	...
330	4/2/2014 11:37:28 AM	...	...	...	...
321	4/2/2014 11:39:43 AM	...	...	...	...
322	4/2/2014 11:39:43 AM	...	...	...	...
328	4/2/2014 11:45:47 AM	...	...	...	...
341	4/2/2014 11:48:52 AM	...	...	...	...
342	4/2/2014 11:49:56 AM	...	...	...	...
345	4/2/2014 11:57:55 AM	...	...	...	...
349	4/2/2014 12:00:05 PM	...	...	...	...
280	4/2/2014 12:01:59 PM	...	...	...	...
251	4/2/2014 12:02:03 PM	...	...	...	...
256	4/7/2014 3:13:20 PM	...	...	...	...
257	4/7/2014 3:27:24 AM	...	...	...	...
258	4/7/2014 11:17:52 AM	...	...	...	...
259	4/7/2014 11:17:52 AM	...	...	...	...
303	4/7/2014 11:21:49 AM	...	...	...	...
304	4/7/2014 11:21:54 AM	...	...	...	...
302	4/7/2014 11:25:57 AM	...	...	...	...
303	4/7/2014 11:30:05 AM	...	...	...	...
304	4/7/2014 11:30:05 AM	...	...	...	...
305	4/7/2014 11:30:05 AM	...	...	...	...
307	4/7/2014 11:30:05 AM	...	...	...	...
308	4/7/2014 11:30:05 AM	...	...	...	...
309	4/7/2014 11:30:05 AM	...	...	...	...

xDStore Log

xDStore Settings

Name:

Description:

Data Scheme:

Type:

DB Engine:

DB Profile:

DB Scheme: (Data Store only)

Agent ID:

Enabled:

Use Schema Validation:

Perform partition deletion:

Update Data Objects even if no change:

Update Request Message even if no change:

Process messages from self:

Allow automatic CDO Scheme creation:

Create special database fields for CDO:

Use full (backslash) names for database objects of CDO:

Add generic (2) SIF Version:

Process Errors:

xDStore Settings

xDStore Properties

Source ID:

GUID:

Name:

Zone URI:

Encoding:

Agent Push base URI:

Agent Push full URI:

Certificate Path:

Zone HTTP Authentication:

Username:

Password:

Zone Address:

Event Bundle Support:

Provider:

Zone Status:

xDStore Properties

xDStore Home Screen

Zone Source ID / Name

Received

- EDP
- Inbound
- Outbound
- EDS
- Zone Activity
- Mixed Data Objects
- Request
- Request Status
- Invalid Messages
- STS
- CDO Schemas
- Reporting
- Log
- Web Users
- About

xDStore Home Screen