

FEATURES

Collect and connect roster data for use in any destination app.

Deploy your ODS locally or in the cloud.

xDStore Rosters 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 Rosters can subscribe to all data as well as custom data objects to gather a complete picture of your district and store it easily.

xDStore Rosters is secure and communicates using the highest security standards.

Transport data via SIF 2.x and web services.

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 Rosters

Getting data to move between applications automatically and keeping that data up-to-date is vital to the success of any educational data system. But moving the data is not enough all by itself. Gathering the data and storing it in one central location is essential for making the data truly powerful. To solve this problem, districts need an operational data store, or ODS.

xDStore Rosters is a great choice for districts in need of an ODS for some data but don't have a need to collect every piece of data in their system. The xDStore Rosters ODS just collects the basics a district needs to manage roster data. In addition to storing the data, an automated SFTP tool is included so you can send the data you collect to any SFTP landing zone. CPSI also offers custom connectors, so you can export your data in any file format you need – automatically.

AUTOMATICALLY COLLECT AND STORE ROSTER DATA

In the process of automation, you need a place to collect and store the data in order to connect the dots to make the data truly usable. xDStore Rosters is an Operational Data Store that collects the data from the many different source systems used in a district. With data connected and stored in one place, getting that data into systems that cannot connect via SIF or other web services.

CONNECTORS MAKE IT EASY TO SHIP DATA

In a district, roster data is used for many different needs within many different applications. Typically, this means district IT staff needs to export the data into files, manipulate those files, and upload them to each app used in the district – whether on site or in the cloud. Automate the process with xDStore Rosters Connectors to eliminate the need to manually manage the data going into these apps.

AUTOMATICALLY SFTP TO ANY LANDING ZONE

Often times, districts send data to hosted apps over SFTP. To better meet the needs of education, xDStore Rosters automatically connect and send data over SFTP to nearly any Landing Zone. Using the roster data in xDStore Rosters, automate the process of sending data over SFTP to destination apps.

INTEGRATE AUTHENTICATION DATA WITH XDAD

Automatically sync with Active Directory using xDAD to get the authentication data needed to create logins in destination apps. xDStore Rosters connects to xDAD to track and securely store usernames and encrypted passwords. xDStore Rosters automatically connects the authentication data to the existing roster data so it can be automatically pushed into destination apps.

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 and 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	Schema	Respond	Request
AccountingFeed	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"/>
AssessmentItem	N	Y	<input type="checkbox"/>	<input type="checkbox"/>
AssessmentItemBase	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"/>
RefSchedule	N	Y	<input type="checkbox"/>	<input type="checkbox"/>

ACL Manager

CDO Schemas					
Zone Source ID / Name					
#	Received	Zone Source ID	CDO Name	Schema Ref ID	File
313	4/2/2014 18:13:03 AM	313	zone	2090701447440	Global
315	4/2/2014 18:13:03 AM	315	program	4054234038440	Global
322	4/2/2014 11:27:29 AM	322	family	6367203271440	Global
323	4/2/2014 11:27:29 AM	323	family	3074136403944	Global
326	4/2/2014 11:34:40 AM	326	contactRelationship	3426306493420	Global
327	4/2/2014 11:34:40 AM	327	contactPerson	2474447484444	Global
329	4/2/2014 11:35:25 AM	329	achievement	1684586442644	Global
330	4/2/2014 11:37:38 AM	330	applicant	7671457474540	Global
330	4/2/2014 11:37:38 AM	330	applicant	4940353764424	Global
330	4/2/2014 11:37:38 AM	330	applicant	2474447484444	Global
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