

FEATURES

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

Push and Pull Agent support.

Full support for Agent/ZIS Certificate Authentication, HTTP, and Encrypted HTTPS communications.

Support multiple zones at one time for horizontal and vertical implementations.

Compatible with all SIF Agents from any vendor.

Enhanced message tracking and logging provides full auditing capabilities.

Support large SIF messages with integrated scalability.

Easy to use web-based interface makes administration of the xDZIS a breeze.

Import/export configurations such as ZIS settings, Zone settings, Agent settings, and ACLs for large implementations.

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.

x D Z I S

In a SIF (School Interoperability Framework) implementation, you will need a Zone Integration Server. The ZIS acts as the brain of your implementation, routing messages to and from connecting applications. You need a ZIS that can handle the load of a real education data system. You need a ZIS that implements all of the specifications for a ZIS plus more. The xDZIS is the highest performing and feature packed ZIS on the market.

Since we know education needs a break now and then, we offer a fully featured license of our xDZIS for free to educational organizations.

Visit http://www.cpsiltd.com/free-xdzis-xdbroker for details.

• FREE FOR ALL EDUCATIONAL ORGANIZATIONS

The xDZIS is offered free for any size educational organization, including districts, states, and regional offices of education on a non-commercial basis. Vendors, please contact CPSI for OEM and resale licensing costs.

• **CERTIFIED SIF ZONE INTEGRATION SERVER FOR SIF 2.X** Our xDZIS is fully SIF Certified and can run any versions SIF 2.x.

RUN ANY VERSION OF SIF 2.x

The xDZIS supports all versions of SIF 1.x and SIF 2.x and all of the data objects within each SIF specification, including SIF 2.7.

• **TRANSLATE BETWEEN VERSIONS OF SIF AUTOMATICALLY** The xDZIS has the unique ability to convert between versions of SIF. This means that if your district chooses to use the latest version of the SIF spec and not all of your applications support it, the xDZIS will translate up or down as needed to allow your district to function on the version of SIF you choose.

• SAFE AND SECURE DATA TRANSPORTATION

The xDZIS is built for high security environments and can be split into three parts to ensure that your data is never exposed outside of your DMZ. In addition to configuration security, the xDZIS has granular security settings for user accounts and the ability to filter data down to the element level on a per agent basis.

FAIL-SAFE GUARANTEED DELIVERY OF ALL MESSAGES

Lost messages can be a problem in a SIF implementation leading to data loss. With xDZIS there is never a worry about data loss due to missed or undelivered messages. All incoming and outgoing messages are stored in queue so that even if the power goes out, the xDZIS can always pick up exactly where it left off.



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.

Test_Zone_1 Agents Create Agent Zone Settings Composer Agent Agent Settings ACL ACL Services ACL Context: SIF_Default V Provide SIF Object AccountingPeriod Activity ActivityProvider AggregateCharacteristicInfo AggregateStatisticFact AggregateStatisticInfo Assessment AssessmentAdministration AssessmentForm

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SIE Version:	1.5d	AccountingPeriod			
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Status:	Healthy. Objects: 89, Services: 0	AggregateStatisticInfo Assessment			
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		AggregateStatisticInfo			
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SIF Version:	2.3	AccountingPeriod			
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Agent ACL Manager

SIF Schemas

ZIS Zones Create Zone ZIS Settings Schemas Converters Filters Log Trace Errors Users Notifications Export/Import About ents Create Agent Zone Settings Objects Services Schemas Converters Filters Contexts Queue Log Trace Users Notificati Test_Zone_1 Composer Agent ACL ACL Services Com nands Simulation Queue Log Trace Users Notifications Export/Import Agent Settings 🖻 SourceID Composer Agent bad9a5c0-e37d-4ab8-b27e-7c46fffd9bd5 RefID: Name: Composer Agent Description SIE Version(s): 2 0r1 64000 Pull Max buffer size Mode Event Bundle Support No Protocol Type: Protocol Secure: Protocol URL: Protocol Properties Last Register URL http://10.1.65.6/Zis5-Service/Receive.aspx?ZoneSourceId=Test_Zone_1 Sleeping: Unregistered: Node Vendor: Node Version Application Vendor: Application Product Application Version SIF Agent Settings

	Message Queue 🗈									
Posted	-	Sender	Provision	100						
3/10/2015 3:46:	41 PM	Composer Agent	SIF_Event_Add	5						
3/10/2015 3:46:	41 PM	Composer Agent	SIF_Event_Add	S						
3/10/2015 3:46:	41 PM	Composer Agent	SIF_Event_Add	5						
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3/10/2015 3:46:	41 PM	Composer Agent	SIF Event Add	5						

Zone Queue

ZIS Zones Create Zone ZIS Settings Schemas Converters Filters Log Test_Zone_1 Agents Create Agent Zone Settings Objects Sendces Sc Trace Image: Settings Settings Settings Settings Settings Settings

Message Direction Message Type:	-	Client Messag								
Client Message OR Server Message contain:										
Created	•	Agent	Description	Version	Mes					
3/10/2015 3:40:10	PM	VCStore_Agent_5 (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:10	РM	Composer Agent (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:10	РM	VCStore_Agent_5 (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:10	PM	Composer Agent (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:10	PM	Composer Agent (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:10	PM	Composer Agent (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:09	PM	Composer Agent (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:09	PM	VCStore_Agent_5 (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:09	PM	Composer Agent (10.1.65.5)		2.0r1	SIF_					
3/10/2015 3:40:09	PM	VCStore Agent 5 (10.1.65.5)		2.0r1	SIF					

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 <</td>
 1 2 3 4 5 6 7 8 9 10 ... 13 14 15 16 17 18 19 20 21 22 >

 Delete all Trace Entries

Full auditing and logging with filtering.