# xDBroker

## FEATURES

Complete support for all 3.x data objects.

Routes SIF 3 messages between SIF 3 Consumers and SIF 3 Providers.

Runs on MS SQL Express 2012 or greater.

Utilizes MS SQL Broker functionality to allow xDBroker to immediately react to a consumer's incoming queue while waiting for queue "long polling" requests.

Compatible with all SIF Agents from any vendor.

Fully documented API available.

Utilize multiple environments where each SIF 3 Consumer can be given different access credentials.

Each SIF 3 Solution administrator can create SIF 3 Consumers, assign rights to access Zones and Services.

High performance – handles large data sets quickly.

## 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.

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The xDBroker is a fully SIF compliant stand-alone Broker that provides districts with the ability to implement a SIF 3 Brokered implementation with ease. Brokered implementations have significant advantages over non-Brokered, or Brokerless, implementations. The xDBroker provides the flexibility to connect to any SIF 3 Consumer and Provider so the district SIF implementation is as robust as the data within the district.

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

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

**FREE FOR ALL EDUCATIONAL ORGANIZATIONS**
The xDBroker 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 BROKER FOR SIF 3.X**
Our xDBroker is fully SIF Certified and runs any version of SIF 3.x.

**RUN ANY VERSION OF SIF 3.x**
The xDBroker supports all versions of SIF 3.x and all of the data objects within each SIF specification.

**GET UP AND RUNNING WITH SIF 3.x QUICKLY AND EASILY**
CPSI has the experience needed to help districts get SIF 3 implementations off the ground. The xDBroker is an integral part of a robust SIF 3 implementation. Providing all of the features needed for a fully functional SIF 3 implementation, the xDBroker also comes with services and the experienced staff at CPSI.

**SIF 3.x BROKERED IMPLEMENTATIONS HAVE ADVANTAGES**
The xDBroker is a stand-alone Broker. This give the district the advantage of making it easier to provide data and maintain the implementation. This creates an environment that makes it easier for Consumers to connect to the data they need as they only have to connect to a single environment. Ultimately, using the xDBroker speeds up the time it takes to get a SIF 3 implementation up and running.
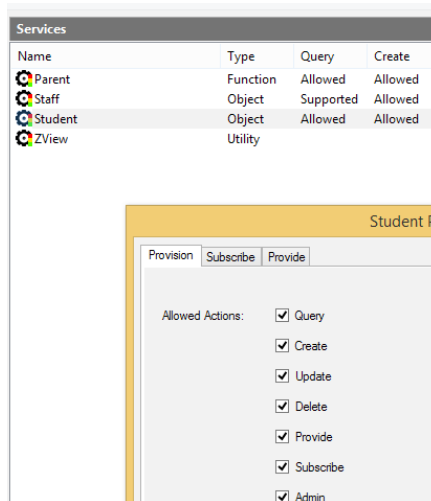
**EASILY ONBOARD AND CONNECT SIF 3.x CONSUMERS**
The xDBroker user interface makes it easy to onboard SIF 3.x Consumers.
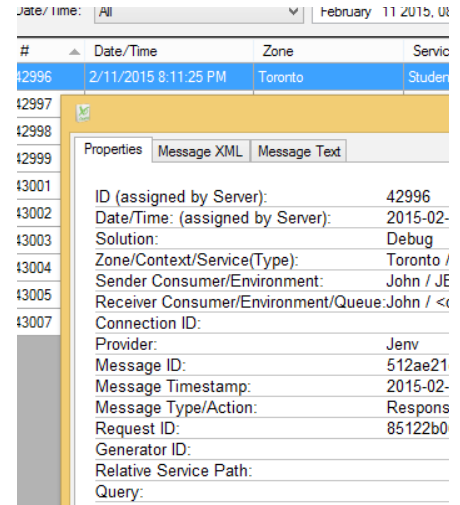
## OUR SOLUTION

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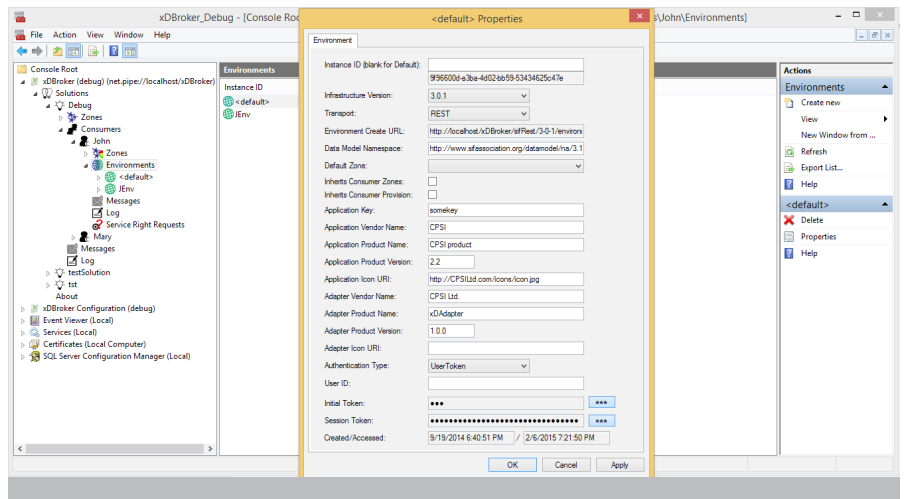
With CPSI, all of the school and district staff can be confident that the information on their computer or device always reflects the true "picture" of the data in the district. Our solution provides everyone in the district – from students to teachers to superintendents – with the underlying foundation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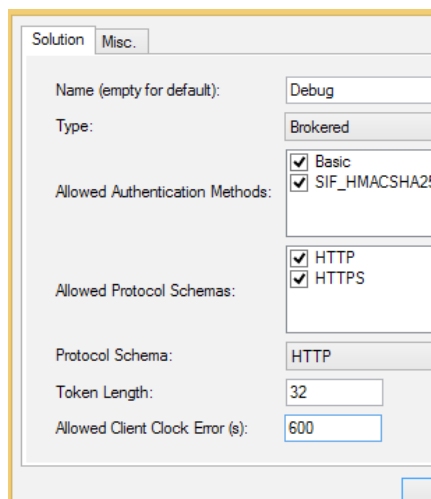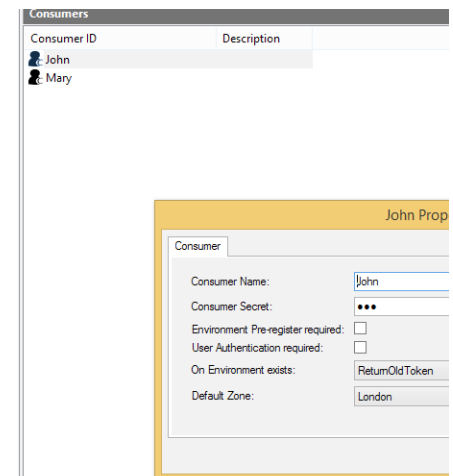


xDBroker Provisioning



xDBroker Queues



xDBroker Environment



xDBroker Solution



xDBroker Consumer