Cloud Integration Increases Platform Utilization 584% and Speeds Data Flow With Low-Cost Automation

PRODUCTS

Pervasive Data Integrator™
Pervasive DataCloud®

"For us, Pervasive DataCloud® is a means to an end. Pervasive Data Integrator™ in the Cloud enables us to efficiently deliver critical data to our stakeholders, within our budget, and that's the end goal."

"The results were fantastic! We were able to solve our problem within our budget constraints and within our timelines. Not only did we meet the first goal, we were able to deploy new integration solutions after the initial use case which allowed additional innovations."

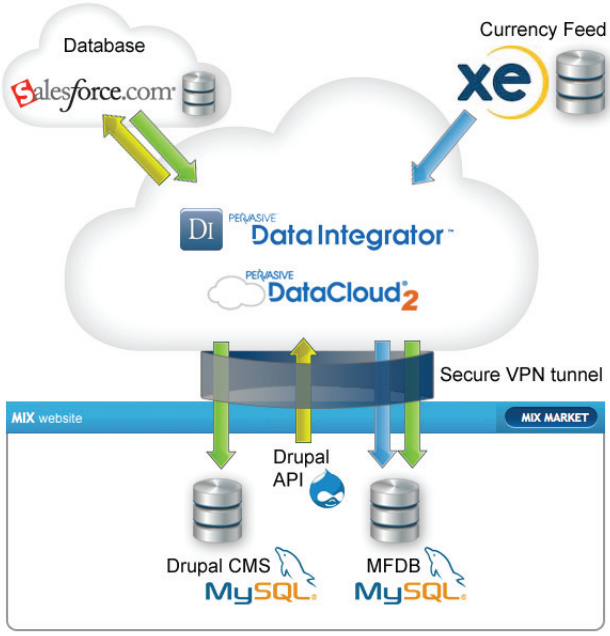
– Peter Magnaye, Chief Information Officer, Microfinance Information Exchange, Inc.

EXECUTIVE SUMMARY

Microfinance Information Exchange (MIX) publishes financial and social performance data on more than 2,000 microfinance institutions (MFIs) in more than 190 countries. Additionally, each MFI has as many as 150 financial indicators, in some cases going back as far as 1995. The goal of MIX is to provide transparent information so that investors can make more informed decisions for MFIs that serve what is viewed as the "unbankable" population segment by traditional financial services. Meeting this goal is very complex, and the processes required to provide this information were historically very high-touch as MIX was relying on the mammoth task of manually entering Salesforce data and XE.com feeds into its hosted MySQL databases. "We needed a solution that would automate data updates from multiple database repositories to our website to provide more meaningful and accurate information to serve our users' escalating needs," explained Peter Magnaye, Chief Information Officer for MIX. MIX turned to Pervasive Software® to provide cost-effective, quick, scalable integration.

HIGHLIGHTS AT A GLANCE

- ***584% Increase in Platform Utilization***
- ***Fully Automated Cloud Solution Eliminates Manual Processes***
- ***Comprehensive Reference Data Collected and Integrated from Wide Range of Sources***
- ***Decreased Operational Costs and Time***
- ***Timely data updates available for retrieval throughout the day***



CHALLENGE

In 2009, MIX launched a new website, MixMarket.org, which generates rich financial data sets to for its users. With more than 1,000 visits and 7,000 page views on an average weekday, the demand for data was growing rapidly, but the data was not as fresh as visitors would like. The processes required to provide this information were labor intensive as MIX manually entered Salesforce data and XE.com foreign exchange rate feeds into its hosted MySQL databases. Reports were manually assembled and distributed as email attachments or printed documents.

This **584% increase in platform utilization** is a clear testament to the scalability and reusability of the Pervasive DataCloud platform. Pervasive has enabled us to make milestone improvements in workflow and productivity – meeting our requirement to share data easily among multiple application environments."

– Peter Magnaye
Chief Information Officer,
Microfinance Information
Exchange, Inc.

SOLUTION

Pervasive has enabled MIX to synchronize and automate their business processes that until today, were performed manually and slowly.

- Once a day XE.com foreign exchange data and Salesforce account data is collected
- The Pervasive Data Integrator engine performs transformations on the feeds, and then sends it through a point-to-point encrypted VPN tunnel (Virtual Private Network) to the hosted databases
- All activities and events are captured from the Drupal CMS and the MFDB databases and recorded to the Salesforce database.

Magnaye describes the solution, "Pervasive Data Integrator is a critical enabler to the success of our online resource center, a service which we provide for free. Pervasive's seamless integration technology has created entirely new organizational capabilities with increased efficiency and scalability of our operations, allowing easier and faster access to information for rapid response times."

BENEFITS

- **Lower operational costs**

  "With Pervasive, we were able to scale the number of data integration jobs from 2,220/month to 15,180/month within a few weeks of implementation. Previously the average time to run a manual data update took 20 minutes to complete. The organization is now able to avoid paying for the 740 person-hours/month to implement the required 2,220 data integration jobs – **a savings of over 4.5 full-time equivalent personnel**," says Magnaye.

- **Decreased IT development and infrastructure costs**

  Pervasive DataCloud provides a powerful alternative to managing all the associated overhead with on premise solutions by enabling the delivery of services via the internet. By adopting the pay-as-you-go, subscription model of a cloud platform, MIX did not have to earmark funds to purchase hardware, software licenses and the associated human resources cost of installing and configuring the infrastructure – saving the organization capital expenditures.

- **Agile, scalable architecture enables re-use**

  Magnaye notes, "The solution is easily integrated into our IT environment and its inherent user friendliness makes it easy for us to learn and use it. The first deployment took approximately 96 hours or four days, 72 hours for the 2nd and only 48 hours for the third and fourth. **Now our team can routinely deploy a scenario in five hours or less**."

- **Timely updates improve data integrity for better decisions**

  Accurate, up-to-date information allows MIX's customers to quickly identify and respond to internal and external events. The real-time business activity monitoring of the complex data collection and publication process provides greater insight to the MIX regional managers on the progress of their respective data publication efforts.

CONCLUSION

Pervasive provides MIX the functionality to deliver current services, and flexibility and scalability to integrate with emerging technologies and delivery channels. The Pervasive DataCloud user interface simplifies development and configuration accelerating architecture and development and maximizing integration component reuse. MIX has deployed new integration solutions since the initial use case, fostering additional innovation, and is planning to go further up the data supply chain. "We now handle all integrations in-house, with 12 integrations in production and an additional three in planning, says Magnaye. Next, we are planning to tap into institutional-provided data and go into transactional systems of microfinance institutions to reduce reporting burdens so that we can get data directly from the source."

About Pervasive Software

Pervasive Software provides agile data integration software that speeds the flow of data between applications and between organizations. Our robust technology addresses SaaS, SOA, and traditional integration modes and allows customers to re-use the same software for integration scenarios that span data warehouses, real-time application integration, and data exchange with trading partners.

Contact Us
integration.pervasive.com/contact
+1-888-296-5969 (North America)
+1-512-231-6000 (Main Office)

integration.pervasive.com/facebook
integration.pervasive.com/twitter
dataintegrationblog.com
linkedin.com/companies/pervasive-networks

©2011 Pervasive Software Inc. All rights reserved. All Pervasive brand and product names are trademarks or registered trademarks of Pervasive Software Inc. in the United States and other countries. All other marks are the property of their respective owners. CS0211A06

PERVASIVE DATA INNOVATION