

Composite Software Data Virtualization Integrates Cloud Data

COMPOSITE — SOFTWARE —

PROBLEM—CLOUD COMPUTING ADDS NEW DATA SILOS

With the advent of Software-as-a-Service (SaaS), Platform-as-a-Service (PaaS), and Infrastructure-as-a-Service (IaaS), cloud computing offers a range of functionality and computing resources at an attractive, pay-as-you-go price.

However, if you're an enterprise or government agency seeking to leverage these capabilities, you've discovered introducing cloud computing increases your data integration complexity. Equal to a new data silo, each new cloud source must be integrated with your existing information sources. Further, cloud data integration requires new integration methods not typically supported by traditional approaches such as direct database queries and ETL scripts.

For example, when you integrate data from a SaaS provider such as salesforce.com with an internal customer data warehouse, you will need deep knowledge of salesforce's APIs, the ability to query data through a firewall across the Web, and on-demand, rather than batch mode, operation.

SOLUTION—COMPOSITE SOFTWARE DATA VIRTUALIZATION INTEGRATES CLOUD DATA

Composite Software's data virtualization middleware allows enterprises like yours to flexibly integrate cloud and internal data as required to meet a range of use cases. Among its key capabilities that are especially well suited to cloud data integration are:

- Composite Software supports both database developers and Java-centric developers with a relational studio for those who prefer relational modeling-oriented development tools when building federated views and data services, and an Eclipse IDE for XML/SOA developers.

- Data integration services authored and run on the Composite Information Server™ are perfectly suited to operate across the Internet.
- Because Composite Software's middleware accesses, federates, abstracts and delivers queried data on demand, no additional cloud-based data storage is needed.

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- Further, Composite Software supports multiple security models to ensure secure access and delivery of appropriate data to authenticated and approved internal and external users.
- With pre-built data application services to popular SaaS applications such as salesforce.com as well as IaaS cloud-hosted applications such as SAP and Oracle E-Business, Composite Software simplifies complex data models, thereby unlocking data for use in the cloud.

MANUFACTURER CALCULATES SALES COMPENSATION IN THE CLOUD

To reduce operating costs, a global technology manufacturer deployed salesforce.com as its sales force management system. However, calculating sales compensation also required data from internal SAP order management and financial systems. The company uses Composite Software's data virtualization to integrate its data from disparate sources into a virtual sales compensation data mart, thereby enabling complete and up-to-the-minute

support sales compensation analysis and reporting.

BANK BUILDS AN INTERNAL DATA CLOUD

To increase data transparency and access for a variety of business analysts and IT teams, a global money center bank built an internal data cloud. Composite Software's data virtualization enables the money center bank to deliver data to multiple consuming solutions—regardless of source location—and thus simplify access and open the door for flexible delivery of new data sources to IaaS resources over time.

NEXT STEPS

If you're an enterprise or government agency leveraging SaaS, PaaS and IaaS through cloud computing initiatives, you'll want to learn more about how Composite Software's data virtualization integrates cloud data. ■

COMPOSITE SOFTWARE, INC.

is the only company that focuses solely on data virtualization. Global organizations faced with disparate, complex data environments, including 10 of the top 20 banks, six of the top 10 pharmaceutical companies, four of the top five energy firms, major media and technology organizations as well as government agencies, have chosen Composite Software's proven data virtualization platform to fulfill critical information needs, faster with fewer resources. Scaling from project to enterprise, Composite Software's middleware enables data federation, data warehouse extension, data sharing, real-time and cloud computing data integration. Founded in 2002, Composite Software is a privately held, venture-funded corporation based in Silicon Valley. www.compositesw.com