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Mainframe Preservation Meets Legacy Transformation

Leveraging your assets for an IT evolution

IBM Mainframe customers on Natural ADABAS™ find themselves at a crossroads; they see very few viable options to move towards Big Data, Mobility, and Business Intelligence.

Consist ADS offers an efficient, affordable and resource-sensitive solution for enterprises with Natural ADABAS™ applications.

"Lift, Shift, and Evolve"

- Locking themselves even further into a one sided relationship with little enhancement and long term agreements.

- Converting mission critical applications to a new environment, which imposes a severe risk to business continuity and revenue.

- Moving to a packaged application, which creates complexity and often forces change to proven business processes.

Now, another option has entered the marketplace.

ConsistADS is a comprehensive "lift & shift" solution to transform your Natural ADABAS™ business critical applications to a cost effective, high performance mainframe based environment. The enterprise Natural ADABAS™ applications form the operational and transactional backbone of organizations. They hold the company's most valuable assets; critical data and decade's worth of differentiating business logic – Something that cannot be jeopardized or risked.

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Lift, Shift and Evolve

With a range of options, there are no easy choices when it comes to modernization. Rewriting and code conversion are both costly and intimidating because of the massive shock to the system they effect. But, remaining with the current solution means continued dependence on expensive and inefficient proprietary technology.

There is an alternative.

Consist ADS offers an efficient, affordable and resource-sensitive solution for enterprises with Natural ADABAS™ applications. This solution allows organizations to reduce license costs, streamline workflow, and increase developer productivity all while retaining their legacy asset investments and business processes. With the Consist ADS technology, organizations avoid the risk of re-engineering by simply "Lifting and Shifting" the application environment to the Consist ADS platform.

Why Lift and Shift?

The advantages of lift & shift over other modernization options span financial, business and technical considerations. Fundamentally, Consist ADS technology allows you to leverage your existing infrastructure while opening doors to the emerging trends in the industry, namely Big Data, Business Analysis, Cloud deployment and Mobility.

Consist ADS Benefits for technology and business stakeholders include:
- Immediate cost savings and almost instant return on investment by eliminating Software AG license costs

- A complete transformation of your Natural ADABAS™ environment, in a low-risk, short time frame (in as little as 6 months from start to production, including testing)

- Remain within the mainframe environment, with the ability to move all or some of the applications in a controlled manner
- Improve end user experience through a modern Web-enabled interface
- No resource re-training or new hire requirements, staying within the secured mainframe environment
- Preserve investments in existing Natural applications and leave existing organization processes and methodologies unchanged
- Perfect platform to begin leveraging business analytics
- Seamless integration with other IBM solutions, including migration to DB2™

Consist Software Solutions Inc. a leading provider of global information technology applications has developed ConsistADS an advanced development platform standardized on IBM DB2™ that enables seamless migration of data and applications to modernized environments.

How does it work?

The ADS solution suite encompasses everything from the seamless transformation of the legacy ADABAS™ database to DB2™, while ensuring improved application performance, transparent source code transition and finally the ability to utilize modern Data/Business Analytic tools on your previously locked away legacy database.

The batch process engine allows for the smooth continuation of the critical batch processing, operating within the same technical environment with the same job control language as utilized in the current environment.

The print and report management process allows for the effective management of system outputs from standard daily reports to those critical monthly financial reports.

The Web based user integration portal, provides immediate and dramatic modernization impacts to the client environment. The former "green screens" of the applications can be replaced with modern looking and efficient Web browser based screens, improving user effectiveness and experience.

Application Portfolio Elements	Re-Engineer / Application Conversion to JAVA or COBOL	ConsistADS
Project Timeline		
-Assessment of Code Base	Lengthy and time consuming with majority of the benefit being the vendors.	A couple of days of inventory collection before things start rolling full speed ahead.
-Data Migration	Data migration and code conversion must be completely synchronized.	Data migration drives code conversion.
-Code Conversion	Code is completely replaced.	New code is source compatible.
-Unit Testing	Testing can only begin *after* code is created.	Testing begins at the onset of project. Unit and functional testing can be merged.
-Functional Testing	Every single function must be tested for completeness and accuracy.	
-User Acceptance Testing	Can only be initiated after conversion is completed.	User acceptance testing begins within weeks.
-Production Deployment	Entails many moving parts and new components.	Minimal change to current infrastructure.
Project Risk		
	Major change of environment pose major risk.	Less changed, lower risk.
Project Cost		
	Longer project requiring more resources.	Shorter project with more automation.
Code Base		
-Resource Training	Resource training 4 to 6 weeks.	4 hours of Resource Training.
-Maintenance Efforts	Maintenance efforts will take longer.	Maintenance efforts will remain the same.
-Change Tracking & Mgmt	Everything on hold or held hostage to the project timeline.	Complete flexible and iterative solution.
Operational		
-Batch Processing	A conversion requires a considerable amount of analysis along with the purchase and implementation of third party products.	Seamless integration with current infrastructure.
-Printing / Output Mgmt	Requires development, integration and testing.	Reuses current infrastructure.
- Application Security	Natural Security rules must be extracted, analyzed, and implemented in a new framework.	Duplicates existing Natural Security rules.
Improved Business Value		
-End User Experience	Same look and feel, - nothing has changed.	Web front ends - Happy more efficient users.
-Web Services	A post project consideration, could add considerable time to the project.	The ADS solution can be deployed with any application server.