

**Acucorp and WebLogic  
Case Study**

**National Grid Transco plc**, the UK's largest energy provider, has two mission-critical applications: a mainframe application for scheduling and managing work, and a UNIX application for coordinating projects with local street authorities. The UNIX application was supplied by Symology, Ltd. and written in ACUCOBOL-GT.

National Grid Transco wanted to adopt a Java application running on BEA WebLogic Server to record the progress of street work via mobile devices.

Because ACUCOBOL-GT supports Java technology and the BEA WebLogic Platform, National Grid Transco was able to integrate the information systems within a very short timeframe. Today, thanks to Acucorp and BEA technologies, users enjoy the benefits of both Web and mobile access to their business-critical systems.

***"Acucorp is an ideal partner for BEA customers who want to converge legacy assets with their enterprise Java applications or OLTP systems."***

***—Gerold Ekström, Vice President, Strategic Alliances, EMEA, Acucorp, Inc.***

**Acucorp and BEA**

BEA Systems, Inc., the world's leading application infrastructure software company, provides the software foundation for developing, deploying, integrating, and managing enterprise Java applications and Web services. To date, BEA has more than 15,000 customers around the world, including the majority of the Fortune Global 500.

As the Java 2 Platform, Enterprise Edition (J2EE) has gained momentum, an increasing number of BEA customers have required integration with legacy assets. For many businesses, it is not economically feasible to replace legacy systems outright, especially given the value that enterprises see in their proven business logic.

Acucorp, Inc. provides the means for enterprises to integrate their legacy assets with J2EE, BEA WebLogic Server™, and other modern technologies. Since 1988, Acucorp has offered legacy extension and modernization tools revolving around an innovative open systems COBOL known as ACUCOBOL-GT®. With more than 4,000 customers of our own, Acucorp's mission is to provide modern solutions that extend and enhance legacy business applications in new directions, including application server technology.

Acucorp's support of BEA does not end with J2EE. We also provide legacy integration with BEA Tuxedo®. Our COBOL has many online transaction processing (OLTP) features that facilitate the use of BEA Tuxedo in high-volume distributed transaction environments.

Acucorp understands the benefits of application and OLTP infrastructure and has become a Select Partner in the BEA Partner Program. Likewise, BEA is a member of Acucorp's Strategic Alliance program.

Together, Acucorp and BEA solve business problems that we could not solve alone.

**Ways We Work Together**

Acucorp supports or complements BEA technologies in many ways:

- Acucorp facilitates the migration of legacy COBOL from IBM mainframe, AS/400, DG, DEC VAX, HP e3000, Wang, and other proprietary environments to the latest 32- and 64-bit open-systems platforms, including HP-UX, AIX, Solaris, Windows, Linux, and more.
- ACUCOBOL-GT is a highly portable COBOL. Legacy applications that have been converted to ACUCOBOL-GT do not have to be recompiled to move from one platform to another.
- ACUCOBOL-GT supports service-oriented architectures (SOAs).
- ACUCOBOL-GT services can interoperate with J2EE services on the BEA WebLogic Platform™.
- ACUCOBOL-GT services can be viewed and manipulated in WebLogic Workshop™ and managed by WebLogic Server.
- ACUCOBOL-GT tools, such as the compiler, runtime, and IDE, can be added to and accessed from WebLogic Workshop.

- Acucorp offers technologies for COBOL-to-RDBMS integration. (Like BEA, we work with Oracle, Microsoft SQL Server, Informix, Sybase, and others.)
- ACUCOBOL-GT supports distributed client/server computing.
- Acucorp technologies support WSDL, SOAP, XML, and other Web service standards.
- ACUCOBOL-GT programs can be linked to BEA Tuxedo libraries for use in high-volume OLTP environments.

### **What BEA Can Do for COBOL**

Many businesses with legacy applications need to build open, scalable applications using the enterprise Java standard. BEA WebLogic gives them a way to deliver J2EE applications and adopt a Java-based application infrastructure over time. BEA WebLogic also allows them to build multitiered Internet portals and deliver J2EE-based Web services.

Businesses with high-volume OLTP applications in COBOL can benefit from BEA's robust TP middleware. With the OLTP infrastructure that Tuxedo provides, they can ensure the highest availability and throughput of their OLTP applications as well as increase processing efficiency and improve resource management.

### **A Winning Combination**

Both BEA and Acucorp help businesses evolve their existing enterprise software applications from inflexible, legacy architectures to a more modern, responsive environment.

Acucorp technologies allow companies to leverage existing legacy assets in the BEA WebLogic environment. There, businesses can keep the combination of COBOL and Java moving forward, minimizing risk and disruption. COBOL and Java are not mutually exclusive, but part of many hybrid enterprise solutions.

With a combination of Acucorp and BEA technologies, businesses invested in legacy assets can begin to reap the benefits of J2EE and build multi-tiered Internet portals and Web applications that interoperate with their core business applications.

They can build applications using the J2EE standard, and they can integrate these applications with their mission-critical code in an evolutionary, low-risk approach.

Our Web site hosts a variety of white papers relevant to this important and timely topic.

*For more information on using BEA technologies with COBOL, please talk to your Acucorp Sales Professional at 800.262-6585 or +1 858.689.4500 (outside the U.S. and Canada).*