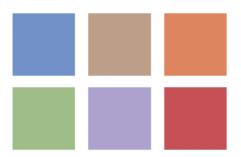# COBOL-IT®
Highlights

COBOL-IT® Highlights

COBOL-IT® brings you superior software, and highly trained personnel dedicated to providing the highest quality software and services. The software offering includes development products and deployment products, which aim to reduce the costs and risks associated with your modernization project. The technical services team provides a wide range of services tailored to your needs, understanding the importance of good communication, and rapid response.

The COBOL-IT® Developer Studio aims to maximize programmer productivity as much as possible. The Developer Studio is an Eclipse-based development environment, and includes a source-level debugger. The compiler has a high level of compatibility with the industry-leading COBOL compilers provided by IBM® and Micro Focus®. There are compatibility options for both IBM® and Micro Focus®, as well as support for the External File Handler (EXTFH) interface, and External Sort Module (EXTSM) interface.

The COBOL-IT® Compiler is designed to ensure maximum portability at the lowest possible cost. It does this by generating "C" code, which is portable to any Posix-compliant system. With the COBOL-IT® compiler, you can compile your source anywhere, using the local "C" compiler to create shared libraries. The standard "C" code generated by COBOL-IT® allows portability among all the Open Systems, including Windows, HP/UX, Solaris, AIX, Unix, Linux, and zLinux.

COBOL-IT®'s flexibility in the area of data Access starts with the support for the basic C-ISAM indexed file system, which is highly performant, and may suit all of your needs. For customers who require that their COBOL programs manage data in a Relational Database Management System (RDBMS), COBOL-IT® provides a pre-compiler with native support for MySQL®, PostgreSQL®, and ODBC. The ODBC solution can be used with the Microsoft SQL Server (MS SQL) database. The Oracle Pro*COBOL, and IBM UDB/DB2 pre-compilers can be used with COBOL-IT® as well.

COBOL-IT®'s deployment products emphasize superior performance, interoperability with leading vendors of COBOL re-hosting solutions and online transaction processing (OLTP) monitors, and broad flexibility in the area of data access. Where performance is concerned, the Open Source nature of the compiler, and the ability to examine the "C" code generated gives COBOL-IT® engineers an opportunity to discuss opportunities to tune performance at the lowest level with our software development engineers.

Where interoperability is concerned, COBOL-IT® has partnership relationships with Oracle, IBM HP, HTWC and Syncsort, which include technical exchanges, and ensure that latest releases will be tested for compatibility.

COBOL-IT® also provides powerful production support utilities. Including an Application Profiler, an Abend Diagnostic Report, an external Sort utility, called CitSORT, and an ISAM File Management utility. The Application Profiler is designed to aid in identifying bottlenecks in your application, so that performance-related efforts can be undertaken with maximum efficiency. The Abend Diagnostic Report helps isolate the cause of an abend in the minimal amount of time by dumping the maximum amount of information about the state of the system when the abend occurred. CitSORT can serve as a drop-in replacement for external sort utilities such as IBM's DFSORT, and Micro Focus' MFSORT, minimizing the efforts required to adapt your source code for use with COBOL-IT®, while providing an in- kind high-performance external sort utility. The ISAM File Management utility is an important production support resource, including a rebuild function.