

Data Sheet

BUSINESS CHALLENGE

IT organizations are continually striving to reduce operational costs, reduce risk and address user demand for new functionality more rapidly. Standardizing on a small set of widely supported frameworks such as JEE/JVM and .NET allows the same tools and processes to be used regardless of the programming language used to build applications.

Previously many IT organizations and ISVs considered their only option to deliver the new features and deploy into the standard frameworks was to rewrite their valuable business applications in Java or C#. This introduces considerable cost and risk for little added value.

With Visual COBOL and the COBOL Server the application can remain in COBOL and the application provider can choose to deploy as native code or as managed code for .NET or JVM platforms, gaining the benefits of the platform and the traditional strength and reliability of the existing application.

PRODUCT OVERVIEW

The COBOL Server provides a layer between the operating system and the COBOL application implementing the runtime services needed for COBOL-specific features such as COBOL data types, high-precision numeric operations and COBOL data file handling.

Micro Focus COBOL Server adds support for new language features (see the Visual COBOL Datasheets for details) and makes it easier to reuse existing code from Net Express, Server Express, RM/COBOL or ACUCOBOL. It also extends the support of UNIX platforms by adding HP-UX and Solaris.

BUSINESS BENEFIT

Where high performance, high precision and reliability are needed, particularly within financial systems for example, COBOL is the perfect choice.

The COBOL Server is needed to enhance the basic features provided by the operating system. It is the latest version of the COBOL runtime platform that has evolved over more than 35 years. In addition to supporting native code deployments it now supports managed frameworks such as .NET and Java Virtual Machine (JVM). Both 32bit and 64bit execution modes are supported.

COBOL Server is part of the Visual COBOL product portfolio from Micro Focus which includes testing and developer productivity tools.

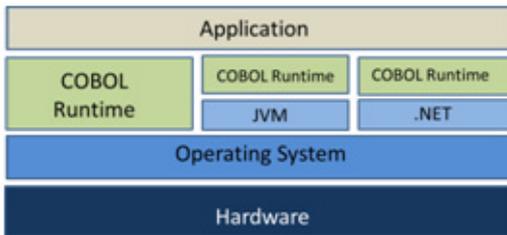
FEATURE OVERVIEW

- High performance runtime environment
- Support for COBOL's unique numeric precision, especially for fixed-point decimal data
- High performance and high reliability COBOL file handling
- COBOL support for native code and managed .NET and JVM code on a variety of operating platforms
- Selected **extend@** compatibility including data types, selected C\$ runtime calls and the Vision file handler
- Selected RM/COBOL compatibility including syntax extensions and the RM/COBOL file handler

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DETAILED FEATURE OVERVIEW

Fig 1: COBOL Runtime extends the platform



COBOL Runtime

The COBOL Server provides a layer between the operating system and the COBOL application implementing the runtime services needed for COBOL-specific features, such as COBOL data types, high-precision numeric operations, and COBOL data file handling.

TEST RUNTIME

For systems and integration testing purposes, a specially priced testing use only licence for COBOL Server is available.

SUPPORTED PLATFORMS

Visual COBOL supports the leading enterprise platforms for Windows, Unix and Linux deployment. Please refer to the Visual COBOL – ‘What’s New’ [data sheet](#) for information on the currently supported releases of these platforms.

For additional information please visit: www.microfocus.com

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