

## Micro Focus Visual COBOL

# Micro Focus Visual COBOL by OpenText™ is the key to transforming core business systems written in COBOL.

Modernize your existing applications using the latest development tools including Micro Focus Visual Studio by OpenText™, Eclipse and VS Code, and modern architectures such as .NET, the Java Virtual Machine, Containers, web services, cloud. Explore all the features and capabilities available when you upgrade to the latest version of Micro Focus Visual COBOL.

Product Feature	Net Express / Server Express / Server for COBOL 5.1	Micro Focus Visual COBOL
<b>Platforms—Latest Release Supported</b>		
Windows	8.1	11
Windows Server	2008	2022
Red Hat Enterprise Linux	6	9
Ubuntu	N/A	22
Centos	N/A	7
Oracle Enterprise Linux	6	9
SUSE	11	15
AIX	7.2	7.3
WSL2	N/A	●
.NET Framework	2	4
.NET 6 (Core)	N/A	●
Oracle Java	8	17
Adoptium OpenJDK	N/A	Temurin 17
Windows C Runtime	Visual C 6 (2005)	2022
<b>Containerization</b>		
Docker	N/A	●
Podman	N/A	●
<b>Cloud</b>		
AWS Linux	N/A	●
AWS	N/A	●
GCP	N/A	●
Azure	N/A	●

● Feature supported

*Continued on next page*

Product Feature	Net Express / Server Express / Server for COBOL 5.1	Micro Focus Visual COBOL
<b>Databases—Latest Version Supported</b>		
Postgres	N/A	13
Oracle	11g r1/r2	21c
SQLServer	2012	2019
Azure SQL Database	N/A	●
Azure SQL Managed Instance	N/A	●
DB2 LUW	10.5	11.5
Aurora for Postgres	N/A	13
SQLServer Stored Procedures	N/A	2019
MySQL	N/A	8
<b>App Servers</b>		
Tomcat	N/A	10
Websphere	8.5	9
Liberty	N/A	●
Weblogic	12.1.1	14.1.1
JBOSS	6.1	N/A
JBOSS EAP	N/A	7
<b>Development Tools</b>		
Visual Studio	2008	2022
Eclipse	3	4.x
Visual Studio Code / VSCODE	N/A	●
Unit testing	N/A	●
Refactoring	N/A	●
Reverse debugging integration	N/A	●
Fortify integration	N/A	●
CGI NSAPI ISAPI Forms Designer	●	N/A
Dialog System	●	●
Program Flow charts	N/A	●
Data flow analysis	N/A	●
<b>Local Webserver</b>		
Solo	●	N/A
Apache	N/A	●
<b>64Bit</b>		
Pure 64bit product	N/A	●
64bit compilation	●	●

● Feature supported

Continued on next page

Product Feature	Net Express / Server Express / Server for COBOL 5.1	Micro Focus Visual COBOL
<b>Language and dialects</b>		
Enterprise COBOL	●	6.3
ANSI COBOL versions	74,85	74,85,02,14
RM COBOL extensions	Limited	Enhanced
JSON processing	N/A	●
XML pre-processor	●	●
IBM XML PARSE/GEN	●	Enhanced
SmartLinkage	N/A	●
PIC U	N/A	●
DBCS	●	●
Native OO COBOL	●	●
Managed OO COBOL syntax	N/A	●
OO Class Wizards	●	N/A
Local variables	N/A	●
Const working storage	N/A	●
.NET COBOL	●	●
JVM COBOL	N/A	●
PIC 1	●	●
DYNAMIC length items	N/A	●
NUMPROC(ACOS)	N/A	●
AMODE(64)	N/A	●
Collection Classes	N/A	●
DECLARE	.NET only	●
CONSTANT	.NET only	●
USAGE NATIONAL	●	Enhanced
Parameterized sections		●
Enterprise COBOL Java interop		●
Constant		●
Intrinsic functions: Date-time family & UUID4		●
Colon-colon for pointer dereferencing		●
Dynamic length plus ALLOCATE verb		●

● Feature supported

*Continued on next page*

Product Feature	Net Express / Server Express / Server for COBOL 5.1	Micro Focus Visual COBOL
<b>Web Services and Java Interop</b>		
J2EE	●	●
SOAP services	●	●
REST Services	N/A	●
<b>Middleware</b>		
Oracle Tuxedo		12
IBM TXSeries		9
<b>Data Modernization Tools</b>		
Relativity	●	●
Database Connectors	N/A	●
Database File Handler	N/A	●

● Feature supported

For a full list of changes within Micro Focus Visual COBOL, please refer to the “Cumulative Changes” guides within the Upgrade Documentation section available [here](#)

[OpenText™ Net Express / Server Express Data Sheet](#)

[Micro Focus Visual COBOL Solutions Brochure](#)

**“Leveraging [Micro Focus] Visual COBOL we created a CI/CD and container pipeline approach in AWS to give us rapid deployment capability. Instead of two major releases each year, over the last 12 months we deployed 800 times.”**

**MARK BELL**

Virtual Machine Environment—Replacement Programme Deputy Director  
UK Department for Work and Pensions

**“When we rolled out the re-platformed application with [Micro Focus] Visual COBOL we actually saw an overall performance boost of more than 20 percent. Not only are our processes running faster, but we can scale out and run more concurrent processes.”**

**CHUCK WAINSCOTT**

Director of Architecture  
FIS Asset Management Group

**“When we first invested in COBOL decades ago, who would have thought that streaming music would even be a thing? But here we are, and it is testimony to the longevity of COBOL and the strategic direction of Micro Focus (now part of OpenText™) that we are successfully riding the digital transformation wave in our industry.”**

**MARK ATKINS**

Business Support and Infrastructure Manager  
APRA AMCOS



**opentext™**

Contact us at:  
[www.microfocus.com/opentext](http://www.microfocus.com/opentext)