

z/COBOL™

Version 2.1.6

A COBOL compiler specifically designed for the future of VSE—embracing the power of the current IBM® mainframe

Developed for companies that depend on the value, stability, and reliability of COBOL in the IBM mainframe environment.

- Measured to produce code that is 13 times faster than other VSE COBOL compilers.
- 100-percent compatible with IBM COBOL VSE/ESA
- Meets and exceeds the 1985 COBOL Standard, ISO/IEC 1989:2023(E).
- Fully supported by a dedicated and time-proven software company.
- Significantly reduces CPU usage and extends the life of your mainframe.

Object Code Produced

- zSeries 64 bit, utilizing all available hardware instructions.
- Extremely high performance using the Vector Facility.
- Completely reentrant; absolutely no SIIS code.
- No LE required for execution.
- Can receive control in 24 bit, 31 bit, or 64 bit.

Compatibility

- Can call COBOL, PL/I, C, or Assembler that are 24 bit, 31 bit, or 64 bit.
- Supports all external pre-processors.
- CICS supported, including 64-bit virtual memory objects and vectors.

Extensions for z/VSE and VSEⁿ

- All forms of VSE supported—DASD, tape, and VSAM files.
- Support for 64-bit virtual memory objects.
- Object code that can be augmented and customized.

Extensions for Modernization

- Multiple working-storage sections, all in the same program:
 - ✓ Standard, in 31-bit above-the-line storage.
 - ✓ Low, in 24-bit below-the-line storage.
 - ✓ High, in 64-bit above-the-bar, utilizing 64-bit virtual memory objects.
- Network Section:
 - ✓ Natively supports JSON strings far better than any other programming language.
 - ✓ Integrated with new and modern methods such as RESTful API.
 - ✓ Can connect with OPEN AI or any other Generative AI system.
 - ✓ Processes and Methods built in to provide SMS, GCS, Exchange, and acceptance of Crypto and Fiat currencies.
 - ✓ Supports the IBM SPYRE AI Accelerator.

Imagine what can be accomplished with a cutting-edge, unparalleled COBOL compiler that truly modernizes the mainframe.

Organizations need to do more than acquire cutting-edge hardware—they must have apex tools that truly optimize their investment.