IBM

IBM CICS Universal Client for Multiplatforms, Version 7

Highlights

- ■ *Connects single-user workstations directly to CICS applications*

- ■ *Provides programming interfaces in C, C++, Microsoft Visual Basic and COBOL*

- ■ *Offers IP-based or SNA-based communication*

- ■ *Can be used as an administrative client for TXSeries servers*

As your enterprise grows, the demands on your IT team to work more efficiently increase dramatically. To help you access data and use your IT investments quickly and simply, you can use IBM CICS® Universal Client software as an affordable way to integrate single users or administrators at individual workstations with existing IBM CICS Transaction Server and IBM TXSeries® systems and applications.

Connect desktops directly to CICS systems

IBM CICS Universal Client, Version 7 provides desktop-based application-integration functions. It can facilitate communication between single-user workstation applications and multiple CICS servers in a two-tier environment — without changing the back-end application.

CICS Universal Client provides programming interfaces in C, C++, Microsoft® Visual Basic and COBOL. Remote communication can be either Internet Protocol (IP)-based or Systems Network Architecture (SNA)-based, providing flexibility in deployment options. CICS Universal Client can

also support multiple concurrent connections with a CICS server, enabling single users to work on multiple sessions concurrently.

Drive CICS applications from your workstation

With CICS Universal Client, Version 7, you can interact with your CICS communications area (COMMAREA)-based and 3270-terminal-based applications, directly from your workstation. The product uses the External Call Interface (ECI) to access COMMAREA programs, and the External Presentation Interface (EPI) to access 3270-terminal-based applications.

The ECI helps improve client-side programmer flexibility by enabling existing, unchanged business logic running in CICS Transaction Server and TXSeries to programmatically link to client-side applications. This capability enables the presentation logic of a user application to be written and hosted on a variety of operating systems, while driving business applications hosted on physically distributed CICS servers.

IBM CICS Universal Client, Version 7 at a glance

Hardware requirements

Any of the following hardware supported by an operating system listed in the software requirements:

- IBM System z™ machine supported by Linux®
- 32-bit or 64-bit IBM System p™ machine supported by IBM AIX® or Linux
- 32-bit or 64-bit Sun SPARC system supported by Sun Solaris Operating Environment
- 32-bit or 64-bit HP PA-RISC, Version 1.1 or 2.0 system supported by HP-UX
- Intel® Pentium®, AMD Opteron or Intel EM64T supported by Microsoft Windows® or Linux (32-bit kernel support only)

Software requirements

Operating systems (one of the following)

- AIX, Version 5.2 or 5.3
- Linux on System z, Linux on Intel and Linux on IBM POWER™
- Sun Solaris Operating Environment, Version 9 or 10
- HP-UX11i, Version 2
- Windows 2000 or Windows XP

CICS server support

- IBM CICS Transaction Server for z/OS®, Version 2.2, 2.3 or 3.1
- IBM CICS Transaction Server for VSE, Version 1.1
- IBM CICS/VSE®, Version 2.3
- IBM CICS Transaction Server for iSeries™ and i5/OS®, Version 5.2, 5.3 or 5.4
- IBM TXSeries for Multiplatforms, Version 5.1, 6.0 or 6.1

Note: CICS Universal Client, Version 7 also supports a selection of SNA servers, compilers and application-development tools. For a detailed and up-to-date supported operating environment, visit **ibm.com**/cics/cuc/support/.

You can also use the EPI to improve access to traditional CICS 3270 applications. CICS Universal Client enables the client to capture 3270 data streams, like a 3270 terminal, and then present them on the client's user interface or software, without changing the original application. CICS Universal Client also features CICS 3270-emulation capabilities that enable a workstation to function as a 3270 display or printer for CICS applications, without the need for a separate 3270 emulator.

Securing your single-user CICS access

CICS Universal Client also offers a third interface, called the *External Security Interface (ESI)*. This interface helps protect your sensitive business applications by enabling them to verify that a password corresponds to an existing user ID before granting access. The ESI also allows passwords to be changed to facilitate better ID and password management.

For more information

To learn more about IBM CICS Universal Client, Version 7, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/cics/cuc