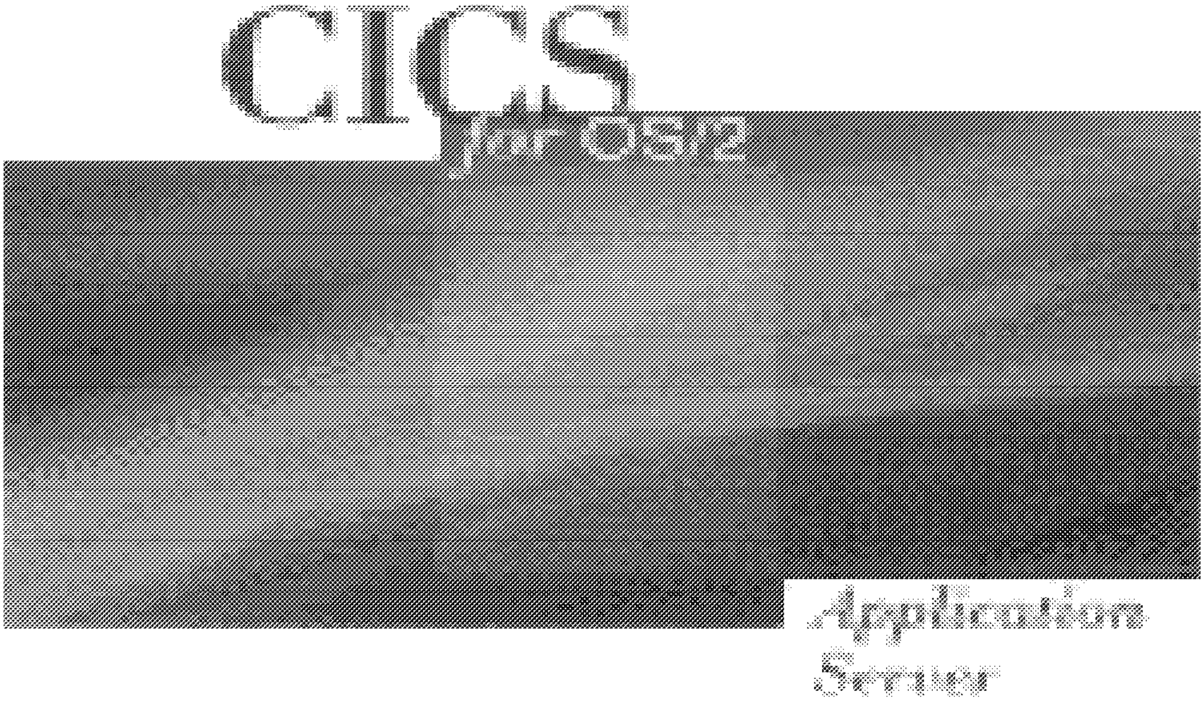
IBM

The strength of CICS the versatility of OS/2

Version 2.0.1



CICS for OS/2

. . . gets the best from your business

Let CICS for OS/2 give a new and dynamic significance to your investments, both in workstations and in CICS skills and applications. Together, they can bring all the benefits of corporate computing with desktop convenience - and in a highly cost-effective way.

. . . means client/server

CICS for OS/2 lets you exploit the power of your workstations by integrating client/server distributed computing with other CICS environments. It is the server of choice for business-critical applications on departmental LANs.

. . . delivers where you need it

CICS has the flexibility to deliver application power as far as your enterprise extends, on a wide range of IBM and non-IBM systems, whatever the size of your business or the technology you have chosen.

CICS for OS/2

CICS for OS/2 Version 2.0.1 operates as a high performance server for clients, and supports cooperative processing with other CICS family members, including other CICS for OS/2 servers.

In addition, it provides enhanced CICS support for the single user. CICS for OS/2 can be host-attached, LAN-attached, stand-alone, or used in portable workstations that have only occasional host or LAN connectivity.

CICS for OS/2 provides the features that have made CICS so important for enterprise computing:

- CICS family application programming interface (API) means that your existing CICS applications and programming skills can be transferred straight to the workstation. This not only makes the workstation an important part of your distributed computing environment, but also means that it is an ideal platform for developing host applications, allowing faster program development.
- CICS for OS/2 data facilities provide complete integrity in accessing both CICS VSAM files and popular RDBMSs such as DB2, so that corporate data held on host machines can be accessed securely from the workstation.
- Intersystem communications (ISC) facilities connect all the different parts of your enterprise so that they can share information and processing power, bringing even greater efficiency and consistency to your business.

The best from your business

The strengths and virtues of CICS in an enterprise computing environment - its huge capability and integrity, allied with massive data storage - are appreciated and exploited world-wide.

But now CICS is far more: it is an application server that bridges platforms and technologies to become a truly open and strategic product that will be key to corporate computing into the next century.

CICS for OS/2 is an integral part of this. CICS integrates all the LANs within your business, and connects to your enterprise computing systems, providing state-of-the-art client/server computing. And this can all be done with the resources you have within your organization: employing the CICS skills that you already have, capitalizing on the workstations within departments, and using the applications that your users know - but with the potential for modern graphical user interfaces (GUI) front-ends to increase productivity and extend application life.

CICS for OS/2 is the cost-effective way of making your business even more competitive. Your users can work with familiar easy-to-use applications and can directly access CICS data from their favorite workstation tools, like Lotus 1-2-3 or WordPerfect. Your systems and applications programmers can use their existing skills without retraining. And you will be able to plan for the future with a guaranteed growth path for applications and technology.

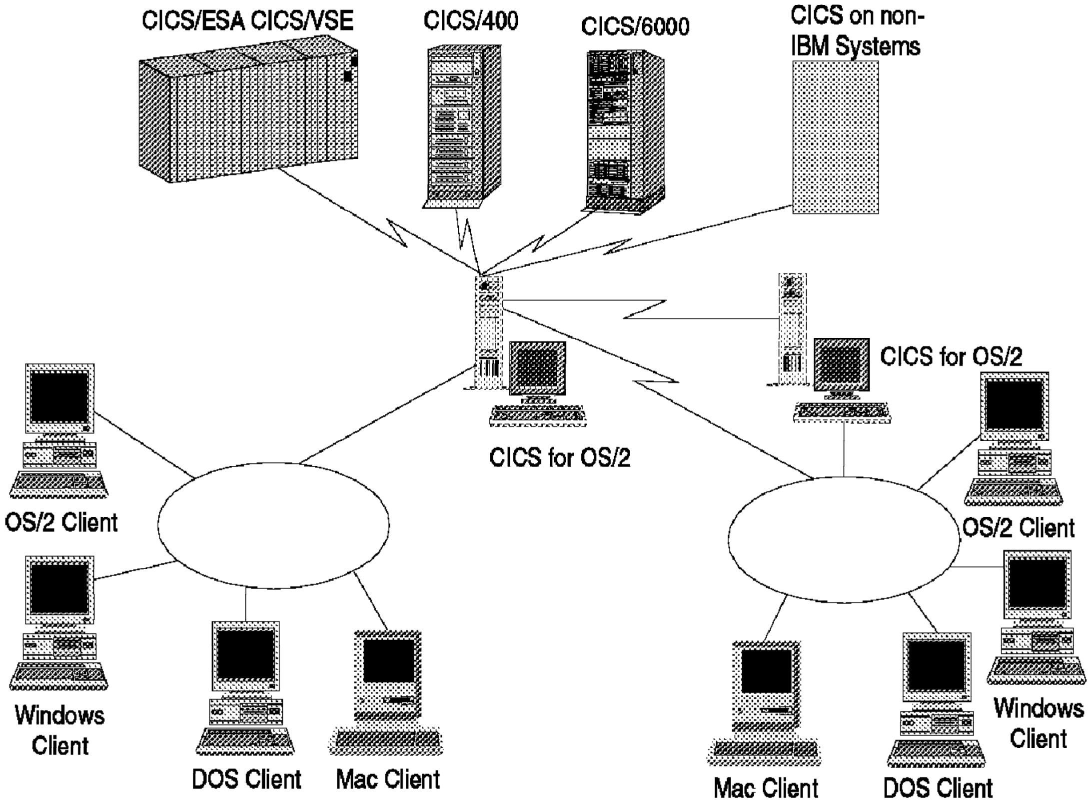
Client/server

CICS for OS/2 builds on the benefits of a client/server environment. It makes best use of your existing hardware, software and skills. It enables you to place data and computing investments where they best serve the needs of your business and your customers. And you can use a PC graphical user interface (GUI) to enhance productivity and present both local and remote data, simultaneously.

Equally significant for the developing enterprise is that CICS for OS/2 is a member of the CICS family, which means that it will bridge hardware and system boundaries to integrate new technologies as your network evolves. With CICS and client/server, you are future-proof.

Server support. CICS for OS/2 provides all the functions and services necessary to make it the server of choice for departmental LANs. NetBIOS and TCP/IP communications with clients are supported. In turn, the CICS for OS/2 server can act as a client to other CICS systems, giving total flexibility in designing client/server distributed applications.

Support is provided for widely-used DB2 and many other RDBMSs, so that applications developed on mainframes can be easily ported to CICS for OS/2 with the application function distributed in any way that best meets your business needs.



Client support. CICS for OS/2 V2.0.1 is designed to take advantage of the rich client capability provided by the recent complementary products, CICS Clients. Unlike the old distributed feature clients of CICS OS/2 V2.0, the new CICS Clients can concurrently access multiple applications on multiple servers and offer support for TCP/IP and APPC communications. The new CICS Clients range also includes the Apple Macintosh workstation.

All clients have function that enable you to capitalize on your PC investment immediately and then go on to develop the presentation and distribution benefits when it suits your business. Client applications can be implemented in three ways:

- **Emulating a 3270 display**, allowing the CICS for OS/2 client to access your CICS applications and data from anywhere in your network, with no programming effort.
- **Adding a GUI front end to your existing CICS 3270 applications**, with no programming change to the CICS application.
- **Developing distributed client/server applications** where the presentation logic runs in the client and the CICS application and data can be anywhere in your network.

Delivers everywhere

CICS is an amazingly versatile system, giving your business the flexibility and reach that it needs to stay ahead of your competitors.

With CICS, your client/server applications can reach across LANs and WANs to all of your users and customers, connecting to mainframes and other business systems such as AS/400 or RISC System/6000. And a whole variety of client machines can access the same CICS applications and network services on a CICS for OS/2 server, giving you total system flexibility. With distributed applications, your users across the network will notice the consistent response times and better throughput, allowing them to be more productive.

The ability to set up your CICS system in any way that you need, combined with access to a huge portfolio of proven CICS applications from IBM and other vendors makes CICS a complete systems environment, the universal client/server solution and truly the system for an open future.

Highlights of CICS for OS/2 V2.0.1

- Overall management of applications on stand-alone or host-connected LAN configurations
- Simplified development of sophisticated business solutions using advanced communications facilities
- Connectivity with the whole range of CICS systems from the smallest to the largest
- Available in single-user and LAN-connected multi-user versions
- End-to-end transaction management within a high integrity client/server environment
- Three progressive and easy-to-use methods for presenting information to client applications
- Three wide-spread communications protocols supported, including TCP/IP
- Support for COBOL and 32-bit applications in C, C++ and PL/I.
- Transparent communications programming with the de facto standard CICS API
- Faster and easier host application development on the desktop, with EBCDIC support to simplify transfer to a CICS mainframe

Information for decision makers

Ordering information for IBM CICS for OS/2:	• Single-User • Multi-User CICS for OS/2 is shipped with both CD-ROM and diskettes	part number 17H7172 part number 17H7196
Complementary products	• IBM DATABASE 2 OS/2 (DB2/2) • IBM CICS Clients, for multi-platform client access to CICS servers — IBM CICS Client for DOS — IBM CICS Client for Windows — IBM CICS Client for OS/2 — IBM CICS Client for Macintosh • IBM VisualAge for OS/2, for client/server application development • IBM VisualGen for OS/2, a 4GL application development environment • Other application development products include Digitalk's PARTS Wrapper for CICS, Easel Corp's Easel Workbench, KASE System's KASE:VIP for OS/2 with ECI Designer, Micro Focus' COBOL Workbench, Microsoft Visual Basic with Network Software Associates' Visual Basic Connection for CICS	 part number 17H7605 part number 17H7616 part number 17H7627 part number 17H7638

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