

Product description

CICS remains the cornerstone of numerous IT systems. The limited capability of IBM transaction monitors to integrate with external heterogeneous data, hardware, or processes, is the reason why **VIRKIX** exists. **VIRKIX** manages communication functions and complex protocols from CICS.



allows your CICS applications to be Client or Server of external heterogeneous applications.

Applications affected:

- Any CICS transaction which needs to integrate external data into a decision making process.
- Any external application which needs data managed by CICS applications.
for high volumes of data where instant response time is a requirement.

A pragmatic approach

VIRTEL™ has been running mission-critical applications since 1988. More than 300 sites have tested and proved its robustness, and millions of transactions are handled by VIRTEL each day.

VIRKIX is designed to **prolong the life** of financial applications under CICS where support for the underlying network layers is no longer guaranteed.

A combination of the following features makes **VIRKIX** stand out:

- Access to X25 networks via **VIRTEL™**
- TCP/IP interface to manage client, server or both between CICS applications and IP sockets.
- IP access to **VIRTEL™**, VIRNT.
- Manages **conversational and pseudo-conversational** modes.
- APIs allowing transparent migration of applications which use EMNAPI, EHLLAPI, and the support of new protocols under CICS.
- APIs allowing CALLs (in Cobol, C language,...) between CICS and external processes **for complex or high volume message switching** in TCP/IP and/or, X25 mode.

Benefits

VIRKIX is the perfect high performance solution for transactional processes integrating CICS as a client or server with N simultaneous partners.

Implementation of **VIRKIX** brings you:

- The **performance** of **S/390** (assembler, language environment and C language). **Reliability, availability, security.**
- **Solutions packaged** with certain commercially available services. Among examples developed and supported by Syspertec: **VIR-STI** (ATM management interface), **VIR-CSA** (management interface for payment authorization server /requester), **VIR-E115** (management interface for access to France Telecom's directory), VIR-RCB, VIR-BNT, CBCOM, CB2A, ISO8583, etc....
- A pseudo-conversational and multi-partner TCP/IP interface for CICS.
- Transparent migration of your CICS applications from X25 to IP (provided that the services are available in IP).



Prerequisites

- z/OS or OS/390 MVS
- CICS

ATM management applications.
Payment authorization server or requester applications.
Any application requiring integrated access to telecom provider directories.

Any CICS application exchanging transactional messages as a server or client.

Most applications using CSFI's EMNAPI and EHLLAPI.



- X25 or IP servers
- specific terminals: BNT, VIRNT, Minitels...