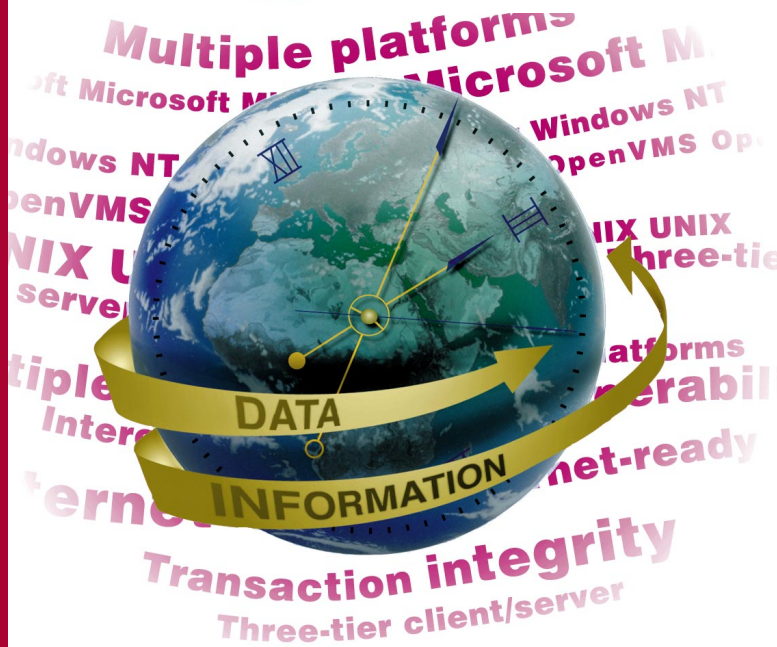


DIGITAL ACMS_{xp}

The ultimate in flexibility and interoperability for distributed, business applications across vendor platforms

Distributed, open client/server transaction processing (TP) systems are an attractive alternative to large-scale, centralized systems because they offer organizations the flexibility to conduct reliable business operations anywhere, anytime. Business operations however, become more difficult to automate and manage as they become more decentralized. *ACMS_{xp}*, with the X/Open™ STDL (Structured Transaction Definition Language) programming language, makes it easy to develop and deploy widely distributed, mission-critical, transaction-based applications for competitive advantage.

Interoperability
Internet-ready I



ACMS_{xp} incorporates the latest industry standards for data communications and distributed computing – specifications that ensure portability and interoperability of applications across multivendor systems.

Whether you plan to develop new applications or reengineer current ones, *ACMS_{xp}* is the ideal integrated toolset for DCE-based TP applications. It provides the capabilities you need to develop, deploy, and manage these applications productively.

A high-level programming language makes development easy, and an integrated management environment eases the burden of managing a large-scale distributed application.

ACMS_{xp} is available on Windows NT™, OpenVMS, DIGITAL UNIX®, and HP-UX® systems. *ACMS_{xp}* is an integral piece of the DIGITAL Affinity for OpenVMS and DIGITAL AllConnect for UNIX programs.

Benefits

- Full security, plus transaction and data integrity across Windows NT, OpenVMS, DIGITAL UNIX, Microsoft® Transaction Server (MTS), and the Internet
- Application portability and interoperability across DIGITAL and other vendor platforms
- Seamless integration of major Web browsers to mission-critical business applications
- Highly scalable to meet growing business needs in manageable increments
- Application management and control, such as load balancing
- Fast, flexible development to allow you to respond to rapidly changing business conditions
- Works with globally distributed, heterogeneous systems
- Intuitive, easy-to-use system management GUI
- Transaction integrity brought to you by ACMS*xp*

As the latest addition to the DIGITAL ACMS family, ACMS*xp* is the most modern TP solution in the industry. ACMS*xp* is a portable transaction processing monitor that implements the X/Open STDL standard for developing, deploying, and managing robust, distributed, client/server applications.

ACMS*xp* is available on all DIGITAL platforms and HP-UX systems. The STDL high-level programming language has been demonstrated on 10 vendor platforms, and is available on NCR® TOP END® and now on Microsoft Transaction Server

with the STDL for MTS option. That means you never need to worry about being locked-in with one vendor. Plus, ACMS*xp* provides the ultimate in application portability and flexibility.

Designed to meet the needs of high-volume, distributed business environments, ACMS*xp* delivers superior performance by efficiently accommodating many clients simultaneously and maximizing throughput to databases. Applications are modular and separated into client and server processes, optimizing system resources.

Good for business

Running on Windows NT, OpenVMS, DIGITAL UNIX, and HP-UX, ACMS*xp* enables businesses to integrate the latest technology while protecting current investments in traditional data and applications. Need additional capacity? With ACMS*xp*, you can quickly add new servers and computers, without source-code changes. What's more, ACMS*xp* is scalable from the desktop to large clusters.

End-user training? Not necessary with ACMS*xp*. Users can work with familiar Microsoft Office applications or use their favorite Web browser to initiate transactions with the TP Web Connector option.

Management concerns? Not anymore. ACMS*xp* allows you to manage your entire distributed environment from a single location.

Want to utilize the Internet? Secure TP is now available over the Internet with the DIGITAL TP Internet Server option.

Integrity matters

ACMS*xp* ensures transaction and data integrity by incorporating the ACID properties of a transaction monitor. These properties enable you to complete critical business transactions with confidence and accuracy across DIGITAL platforms or with MTS. They include:

Atomicity

Either all the actions of a transaction succeed or fail. In case of failure, the actions are rolled back.

Consistency

A transaction always leaves the system in a correct state, whether or not it is completed.

Isolation

The actions carried out by a transaction against a shared database cannot become visible to other transactions until the transaction commits.

Durability

The effects of a committed transaction are permanent.

In addition, ACMS*xp* brings the benefits of DCE security for user authentication and authorization services to the Internet.

Development ease

A key feature of ACMS*xp* is the high-level language, STDL. With STDL, developers can easily build portable, interoperable client/server applications using predefined data structures. In ACMS*xp*, MTS, NCR TOP END, and other TP systems, STDL generates the necessary DCE and transaction management calls automatically – significantly reducing time and effort. Developers learn a single interface versus complex APIs.

ACMS*xp* is also enhanced through ALSTRA™ the application development tool, this powerful development tool supports deployment of applications ranging from small departmental solutions to global production systems.

What's more, TP applications can be designed, built, and tested on your desktop for deployment across all DIGITAL platforms.

As a result, the ALSTRA environment allows you to make the most of your development work, enabling you to reuse valuable code and boost productivity. Together, ACMS*xp* and ALSTRA provide you with a decided competitive advantage.

Worldwide support

ACMS*xp* is backed by the worldwide service and support organization of Digital Equipment Corporation and DIGITAL Business Partners.

Get all the details

For more information, visit our ACMS*xp* and TP Internet Server home pages at: www.software.digital.com/ACMSxp www.software.digital.com/TPI

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