| COMPANY | PRODUCT | SHIP DATE | CLIENT PLATFORMS SUPPORTED | SERVER PLATFORMS SUPPORTED | PRIMARY CLIENT-TO-SERVER COMMUNICATION MECHANISM |
|---|---|---|---|---|---|
| AT&T GLOBAL INFORMATION SYSTEMS Dayton, Ohio (513) 445-5000 (619) 485-2596 | Top End | 5/91 | Unix, Windows, DOS, NT, NetWare, OS/2, MVS, IMS, CICS, Tandem, Unisys | Unix, NT, OS/2, MVS, IMS, CICS | Top End engine (message-oriented middleware) |
| DIGITAL EQUIPMENT CORP. Littleton, Mass. (508) 952-3343 | ACMSxp | 12/93 | Unix, DOS, Windows, Mac OS, Open VMS, Vax Alpha | Unix | DCE |
| HEWLETT PACKARD CO. Palo Alto, Calif. (408) 725-8900 | CICS 9000 | 9/94 | Unix, DOS, Windows, Mac OS, OS/2, MVS | Unix | TxRPC |
|  | Encina 9000 | 4/94 | Unix, Windows | Unix | TxRPC |
| IBM Armonk, N.Y. (800) 426-3333 | CICS | 1/88 | Unix, Windows, DOS, NT, NetWare, Mac OS, OS/2, Sun, Solaris, HP/UX, OSF/1, AIX, MVS, VSE | Unix, NT, OS/2, AS/400, VMS, VSE | CICS Intersystem Communication (over SNA/APPL, TCP/IP, IPX, NetBIOS, DCE/RPC) |
| NOVELL INC. Provo, Utah (801) 429-7000 (908) 522-6514 | The Tuxedo System | 1/89 | Unix, DOS, Windows, NT, NetWare, Mac OS, OS/2, Tandem | Unix, NT, Tandem Guardian | Tuxedo engine (compliant with X/Open DTP XATMI standard) |
| TRANSARC CORP. (a subsidiary of IBM Corp.) Pittsburgh, Pa. (412) 338-4400 | Encina | 3/92 | Unix, Windows, OS/2, MVS, DCE compatibles | Unix, NT | OSF, DCE, RPC |
| UNIKIX TECHNOLOGIES Billerica, Mass. (800) 765-2826 (508) 663-4176 | Unikix | 1/92 | Unix, DOS, Windows, OS/2 | Unix, NT, Legacy (VMS) | SNA LU 6.2, TN 3270 |
| UNISYS CORP. Blue Bell, Pa. (800) 874-8647 | TransIT Open/OLTP | 11/94 | Unix, DOS, Windows, Mac OS, OS/2, Unisys Legacy (2200, A-series) | Unix, Unisys Legacy (2200, A-series) | Tuxedo engine (compliant with X/Open XATMI standard) |
| Pricing and support for these products varies, depending on customer needs. This chart is representative, not all-inclusive. All information is provided by the vendor. |  |  |  |  |  |
| An XLS version is available in Library 4 of the PC Week Extra! forum on ZiffNet. Look for XLS files by issue date. Chart compiled by Gregory Paye. |  |  |  |  |  |

| COMPANY | PRIMARY APPLICATION-TO-SERVER COMMUNICATIONS MECHANISM | PREFERRED API LANGUAGE | DTP INTERFACES SUPPORTED | HOW IS SECURITY PROVIDED? |
|---|---|---|---|---|
| AT&T GLOBAL INFORMATION SYSTEMS<br>Dayton, Ohio<br>(513) 445-5000<br>(619) 485-2596 | Top End engine (message-oriented middleware) | C, C++, COBOL | XA, TX, XATMI | With Kerberos transparent to application programmer |
| DIGITAL EQUIPMENT CORP.<br>Littleton, Mass.<br>(508) 952-3343 | DCE | C, COBOL, STDL | XA, TX (internally), TxRPC, Spirit STDL | Kerberos security from DCE |
| HEWLETT PACKARD CO.<br>Palo Alto, Calif.<br>(408) 725-8900 | TxRPC | C, COBOL | XA | Standard CICS security, along with Kerberos from DCE |
| | TxRPC | C, COBOL | XA, TxRPC | Kerberos security from DCE |
| IBM<br>Armonk, N.Y.<br>(800) 426-3333 | CICS Intersystem Communication (over SNA/APPL, TCP/IP, IPX, NetBIOS, DCE/RPC) | C, COBOL, PL/I, REXX, LH (used with CICS preprocessor) | XA, TX, XATMI, TxRPC | CICS engine (Kerberos-supported) |
| NOVELL INC.<br>Provo, Utah<br>(801) 429-7000<br>(908) 522-6514 | Tuxedo engine (compliant with X/Open DTP XATMI standard) | C, COBOL | XA, TX, XATMI, TxRPC | Native Tuxedo engine with Kerberos-like functionality; Kerberos systems are accessible with programming |
| TRANSARC CORP.<br>(a subsidiary of IBM Corp.)<br>Pittsburgh, Pa.<br>(412) 338-4400 | OSF, DCE, RPC | C, COBOL | XA, TX, TxRPC | Based on OSF DCE security services |
| UNIKIX TECHNOLOGIES<br>Billerica, Mass.<br>(800) 765-2826<br>(508) 663-4176 | SNA PU 2.1 | COBOL | ISC (XA supported) | Three levels: Unix system security, Unikix transaction security (CICS/mainframe), file level security (applied by a relational database system) |
| UNISYS CORP.<br>Blue Bell, Pa.<br>(800) 874-8647 | Unisys engine (X/Open XATMI standard, over OSI TP and TCP/IP) | C, COBOL | XA, TX, XATMI, XAP | Unisys authentication server (Kerberos-ready) |
| Pricing and support for these products varies, depending on customer needs.This chart is representative, not all-inclusive. All information is provided by the vendor. | | | | |
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