

With Web standards in hand, middleware can take data to the e-gov level

Company	Product	Type	Platforms	Key features	Supported applications	Standards	Development environments
BEA Systems Inc. San Jose, Calif. 408-570-8000 www.bea.com	BEA MessageQ	Messaging	AIX, HP/UX, Linux, Open-VMS, Solaris, Unix, Windows	Asynchronous/synchronous messaging, publish/subscribe, large messages (4MB)	CICS, MQSeries, SAP, Tuxedo	TCP/IP, LU6.2	Built-in IDE, Field Manipulation Language (FML)
	BEA Tuxedo 8.1	Transaction processing	AIX, HP/UX, Linux, Open-VMS, Solaris, Unix, Windows	Tighter WebLogic integration, centralized security, distributed transaction management, two-phase commit, publish/subscribe	CICS, CORBA	ATMI, J2EE, LDAP, XML, Web services	C, C++, COBOL, Java, Visual Basic
	BEA WebLogic Integration 8.1	Integration server	All major platforms (via J2EE)	Application adapters (SAP, Siebel, etc.), process modeling/execution, B2B integration support, data translation and transformation	SAP, Siebel, PeopleSoft (via J2EE Connector Architecture)	EDI, HTTP, JMS, RosettaNet, XML, Web services	Adapter Development Kit (ADK), Web-Logic Workshop
IBM Corp. Armonk, N.Y. 800-426-4968 www.ibm.com	WebSphere Business Integration Server v 4.2	Integration server	AIX, HP/UX, Linux, Windows z/OS	Remote agent, flow control, recovery optimization, workflow	DB2, Oracle, WebSphereMQ	JMS, XML, Web services	Eclipse-based open-source IDE
	WebSphere MQ Version 5.3	Messaging	AIX, DOS, HP/UX, Linux, MacOS, MVS/ESA, Open-VMS, OS/390, Solaris, Unix, Windows	Enhanced JMS performance, new SSL security and clustering support	BEA WebLogic, DB2, IBM WebSphere Application Server, Oracle, Sybase	LU6.2, TCP/IP	High-level MQ, JMS and Application Messaging Interface (AMI) APIs, IBM Visual Age and other popular IDEs
Microsoft Corp. Redmond, Wash. 425-882-8080 www.microsoft.com	BizTalk Server 2002 Enterprise Edition	Integration server	Windows	Business process, messaging and XML wizards; application adapters, alerts, publish/subscribe, failover	CICS, COM, CORBA, DB2, J2EE, MQSeries, Oracle, PeopleSoft, SAP, Siebel, SQL Server, Sybase, Vantive	EDI, FTP, HIPAA, HTTP, J2EE, RosettaNet, Web Services, XML	BizTalk Orchestration Designer (IDE), Visual Studio .NET
SeeBeyond Technology Corp. Monrovia, Calif. 800-425-0541 www.seebeyond.com	SeeBeyond Business Integration Suite Components: e*Gate Integrator 4.5	Integration platform Messaging	AIX, HP/UX, OS/390, Solaris, Tru64, Windows	Central management/monitoring, event wizards, business object brokers,	COM, DB2, MQSeries, Oracle, PeopleSoft, SAP, Siebel, SQL Server, Sybase	EDI, J2EE, .NET, Web Services, XML	Built-in IDE (supports C/C++, COM/DCOM, EJB and XML)
	e*Insight Business Process Manager 4.5	Business process integration	AIX, HP/UX, Solaris, Tru64, Windows	Process modeling, business activity monitoring, workflow, business metrics	Oracle, SQL Server, Sybase (others via e*Gate Integrator)	COM+, CORBA, EDI, JMS, RosettaNet, Web services, XML	Built-in IDE (supports C/C++, COM/DCOM, EJB and XML components)
Software AG Inc. Reston, Va. 703-860-5050 www.softwareagusa.com	EntireX Communicator	XML integration server	HP/UX, Linux, Open VMS, OS/390, Solaris, Tru64, Windows	Asynchronous/synchronous, request/reply and conversational messaging; object wrapping wizards	Adabas, CICS, DB2, MQSeries, Oracle, SAP, Siebel, Vantive	CORBA, COM/DCOM, EDI, HTTP, Java, XML, Web Services, WML	Built-in Web services/wrapper/adaptor IDE; any COM/DCOM, CORBA or Java tool
	EntireX XML Mediator 7.2	XML document router	Solaris, Windows	XSLT-based transformations, documentworkflow/aggregation, XML validation, improved scalability	Adabas, CICS, DB2, MQSeries, Oracle, SAP, Siebel, Vantive, TIBCO (others via EntireX Communicator)	CORBA, COM/DCOM, EDI, HTTP, Java, XML, Web Services, WML	Built-in Web services/wrapper/adaptor IDE; any COM/DCOM, CORBA or Java tool
	Tamino XML Server 4.1	XML messaging server	AIX, HP/UX, Linux, Solaris, Windows	Data consolidation, native XML storage, full-text retrieval, multichannel output	J2EE application servers (others via optional EntireX Communicator, Tamino X-tension adaptor tool)	HTTP, TCP/IP, XML, Web Services	C++2, Java/J2EE, and other COM/DCOM languages
Sonic Software Corp. Bedford, Mass. 866-438-7664 www.sonicsoftware.com	Sonic Business Integration Suite	Integration platform	Unix, Windows	Enterprise Service Bus (ESB), business process modeling server, XML server	CICS, Oracle, PeopleSoft, SAP	CORBA, EDI, HTTP, JMS, XML, Web services	Sonic Integration Studio
	SonicMQ 5.0	Messaging	Unix, Windows	Java-based monitoring, clustering, authentication, SSL security	MQSeries, TIBCO Rendezvous	COM, FTP, HTTP, J2EE, JMS, XML	Sonic Integration Studio
Tibco Software Inc. Palo Alto, Calif. 800-420-8450 www.tibco.com	TIBCO ActiveEnterprise Partial list of components: TIBCO Adapters	Integration platform Prepackaged adapters	AIX, Digital Unix, HP/UX, Solaris, Windows	Adapters for applications, databases and messaging; publish/subscribe/reply, request/reply, shared metadata	Clarify, COM, CORBA, DB2, Lotus Notes, MQSeries, MSMQ, Oracle, PeopleSoft, SAP, Siebel, SQL Server, Sybase, Vantive	COM/DCOM, CORBA, XML, Web services	TIBCO Adapter SDK
	TIBCO BusinessWorks	Business process integration	AIX, HP/UX, Linux, Solaris, Windows	GUI designer, process templates, reusable models; load balancing, fault tolerance support, authentication, browser manager	Clarify, COM, CORBA, DB2, Lotus Notes, MQSeries, MSMQ, Oracle, PeopleSoft, SAP, Siebel, SQL Server, Sybase, Vantive	HTTP, J2EE, JMS, XML, Web services	TIBCO Adapter SDK
	TIBCO Enterprise for JMS	Messaging	AIX, HP/UX, Linux, Solaris, Tru64, Windows	Queue-based and publish/subscribe messaging; full JMS 1.1 and JNDI support, fault tolerance, run-time message tracking	Application servers, JMS, TIBCO Rendezvous	C/C++, Java, J2EE	TIBCO Adapter SDK
	TIBCO SubstationES	Mainframe integration	OS/390, zOS	CICS and IMS interfaces, Common Services (task control, dispatching, data transformation), Sysplex support	CICS, IMS, JMS, TIBCO Rendezvous	CORBA, FTP, Web services	TIBCO Adapter SDK (optional)
Vitria Technology Inc. Sunnyvale, Calif. 408-212-2700 www.vitria.com	BusinessWare 4	Business process integration	AIX, HP/UX, Solaris, Windows	Business activity monitoring (BAM), model-driven integration, lifecycle management, extensive B2B support	JMS, MQSeries, Oracle, SAP, Siebel	COM/DCOM, CORBA, EDI, XML, Web services	Application and connector SDKs, C++, Java, Visual Basic
webMethods Inc. Fairfax, Va. 703-460-2500 www.webmethods.com	webMethods Integration Platform Partial list of components: webMethods Broker	Integration platform Messaging	AIX, AS/400, HP/UX, Linux, Solaris, Tru64, Windows	Publish/subscribe, request/reply, conversation messaging, digital certificates, user-level security, JBoss application server	CICS, CORBA, DB2, Informix, MQSeries, MSMQ, Oracle, PeopleSoft, SAP, Siebel, SQL Server, Sybase	EDI, HIPAA, J2EE, Rosetta-Net, Web services, XML	Adapter Development Kit (ADK)
	webMethods Integration Server	Integration server	AIX, AS/400, HP/UX, Linux, Solaris, Tru64, Windows	Service-based architecture, visual flow language, document processing, clustering, JBoss application server	CICS, CORBA, DB2, Informix, MQSeries, MSMQ, Oracle, PeopleSoft, SAP, Siebel	EDI, HIPAA, J2EE, Rosetta-Net, Web services, XML	ADK