

# Enterprise architecture tools suit almost every purpose

Company	Product name	Federal Enterprise Architecture Framework support	Modeling language support	Formats for publishing EA	Price
<b>Computas Inc.</b> Sammamish, Wash. 425-391-2000 <a href="http://www.computas.com">www.computas.com</a>	<b>Metis 3.4 Enterprise Visual Modeling Toolset</b>	Supports both the Federal Enterprise Architecture Framework and the Federal Enterprise Architecture Reference Models	UML export, XML Metadata Interchange (XMI) export, which internally uses XML Schema	XML, Microsoft Office formats	n/a
<b>IBM Corp.</b> Armonk, N.Y. 800-728-1212 <a href="http://www.ibm.com/rational/">www.ibm.com/rational/</a>	<b>IBM Rational Suite Enterprise Edition</b>	No specific FEAF support	Unified Modeling Language (UML)	XMI	n/a
<b>InterSystems Corp.</b> Cambridge, Mass. 617-621-0600 <a href="http://www.intersystems.com">www.intersystems.com</a>	<b>Ensemble</b>	Enables connectivity to and integration of disparate data sources and applications; supports the Federal Enterprise Architecture Program Management Office Technical Reference Model regarding platforms and data access models; enables integration of legacy and relational data stores, packaged and custom applications, providing a single platform for integration efforts, such as data consistency/data quality, business process management and workflow, composite applications and business activity monitoring	Basic and ObjectScript are the procedural languages used to build components and develop business logic; also supports graphical and XML-based BPEL4WS modeling of business processes	XML, HTML; provides connectivity to third-party reporting and documentation tools via relational (ODBC, JDBC) and/or object (APIs i.e. COM, .Net, Java) connectivity	\$125,000 per CPU
<b>Popkin Software Inc.</b> New York 646-346-8500 <a href="http://www.popkin.com">www.popkin.com</a>	<b>System Architect Version 9.1</b>	Imports current and future versions of the reference models published by OMB; provision has been made to update the reference models in users' repositories as subsequent versions are published; users can auto-generate hierarchical diagrams for any or all of the referenced models; can link model objects to an agency's internal EA and link its business functions to BRM sub-functions, or show that a given system delivers capabilities as described by SRM service components. Systems can be decomposed to reusable technical components; includes support for Exhibit 300; also supports DOD Architecture Framework, Federal Enterprise Architecture Framework, Zachman framework and Open Group Architecture Framework versions 7 and 8	UML, Integrated Definition (IDEF), Data Flow, Business Process Modeling Notation (BPMN), Business Process Charts, Ward/Mellor Real-Time, Entity Relation Data Modeling, XML modeling, hierarchical modeling	XML, HTML, XMI, Microsoft Office (PowerPoint, Excel, Word) and Visual Basic; SA/Information Publisher complies with OMB Exhibit 300 and FEA reference models	\$5,250 retail; GSA pricing available
<b>Proforma Corp.</b> Southfield, Mich. 248-356-9775 <a href="http://www.proformacorp.com">www.proformacorp.com</a>	<b>ProVision Modeling Suite</b>	Provides comprehensive modeling support for the business, data, applications and technology architectures of the FEAF; future releases to provide the complete inventory of performance, business, service component, data and information, and technical reference models; framework editor allows each agency or EA project team to create a customized EA framework; each framework identifies the specific models, components and details required to define and complete an organization's localized enterprise architecture approach	Core, DOD/C4ISR, Enterprise Architecture, IDEF, Information Engineering, Object Thinking, ProGuide, Rummler-Brache, Six Sigma and UML; supports Zachman and Six Sigma framework structures	Includes an instant reporting tool that converts the graphical models into simple English; other reporting capabilities include simulation reports, property grids, and customizable association grids and navigation reports. The reports can be printed, published (Microsoft Word and HTML) and exported to Excel and Microsoft Access for customized reports and queries	ProVision ProcessPro, \$1,208; ProVision EnterprisePro, \$2,820
<b>Tibco Software Inc.</b> Palo Alto, Calif. 703-208-3900 <a href="http://www.tibco.com">www.tibco.com</a>	<b>Tibco BusinessFactor and Tibco OpsFactor (business activity monitoring); BusinessWorks (enterprise application integration); BusinessWorks Workflow (business process management); Turbo XML and Tibco XML Canon (XML metadata repository); BusinessConnect (trading partner management and B2Bi protocols for multiagency collaboration); Adapters (integration support); Enterprise Message Service (message-oriented middleware and Tibco's implementation of Sun's JMS 1.1 specification)</b>	Performance Reference Model: BusinessFactor and OpsFactor support the the PRM layer by providing users visibility into business operations through the creation of dashboards and scorecards that visually display real-time information, operational metrics and key performance indicators; these indicators can be used as feedback into the BRM layer, allowing the visibility to optimize business processes to better align with agency mission objectives. Business Reference Model: BusinessWorks Workflow supports the BRM layer by managing the coordination of the tasks and resources that make up business processes. Service Component Reference Model: BusinessWorks lets agencies convert existing business functions and transactions into a Web services environment; using standards-based technology such as WSDL and XML Tibco, it orchestrates service components into end-to-end business processes that span platforms, people and agencies. Data and Information Reference Model: Turbo XML and XML Canon support the DRM layer with tools for developing a common data model	XML for data representation, XML Schema (XSD) for data validation, XSLT for data transformation, XPath for data addressability, and WSDL for description of services; Tibco participates in BPEL4WS	UML, IDEF, Data Flow, BPMN, Business process charts, Ward/Mellor Real-Time, Entity Relation Data Modeling, XML modeling, hierarchical modeling	BusinessFactor or and OpsFactor, \$70,000 up; BusinessWorks, \$245,000; BusinessWorks Workflow, \$350,000; Turbo XML and Tibco XML Canon, \$7,000 per server, \$900 per developer; BusinessConnect, \$70,000 per server instance; Adapters, free for standard technology interfaces, application and main-frame Adapters, \$24,500 up; Enterprise Message Service, \$35,000 up