



SYMBIOSIS CENTRE FOR INFORMATION TECHNOLOGY

Tool Analysis Report.

By:
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Name of the Tool: Adaptive Business Process Manager

Description: Adaptive Business Process Manager is based on its Adaptive Repository technology. Part of this solution is the integration between the Adaptive environment and Microsoft Visio to enable easy entry modeling in the front end with the full consistency management and knowledge connection capabilities of a robust Repository environment at the back end. Models are drawn in Microsoft Visio and with one mouse click saved to the Adaptive Repository. Diagrams can be re-generated to Visio for further modeling. Automatic generation of the resulting graphs is a unique and powerful extension to the modeling of business processes. Reduced training effort, collaborative modeling environment, sharing knowledge with authorized users across the organization and automated diagram generation are some of the key words of the Adaptive BPM environment. It can easily model business processes and at the same time build a repository of business processes to allow better documentation, understanding and analysis. This provides a very powerful capability for impact analysis and resource optimization. Adaptive technologies help complex IT organizations to run their IT business as a business by supporting the processes of IT. Adaptive can be used to enable improved planning and day-to-day management of IT operations and projects that will lead to reduced costs, improved quality, improved flexibility and the ability to adapt to change.

Price:

Provider: Adaptive

References:

<http://www.adaptive.com/products/bpm.html>

http://www.adaptive.com/Resources/collateral/adaptive_bpm.pdf

Name of the Tool: Adaptive Enterprise Architecture

Description: Adaptive provides expertise, methods and tools to help complex organizations align their capabilities with their strategic intent. Adaptive enterprise architecture manager is robust repository solution for organizing, integrating and analyzing information describing the key elements of an enterprise. Adaptive EA manager integrates the strategic information for more effective communication over an enterprise and for better decision-making. EA analysis methods and tools to help executives understand the fundamentals of their organizations and to chart a course for change. It brings fundamentally new capabilities for successful understanding and management of complexity and organizational change and mitigates the risks associated with the mismatch of strategy planning, implementation and execution.

Price:

Provider: Adaptive

References:

<http://www.adaptive.com/products/eamanager.html>

http://www.adaptive.com/Resources/collateral/adaptive_ea_manager.pdf

Name of the Tool: Adaptive IT Portfolio Manager

Description: Adaptive IT Portfolio Manager (ITPM) is a web-based application for the management and reuse of enterprise software assets in the context of the business. ITPM enables an organization to create a single IT/business knowledge repository. By linking business and IT architectures, systems can be built which truly reflect the strategic priorities of business. Adaptive IT Portfolio Manager allows an organization to document, classify and inter-relate its IT assets. ITPM lets capture IT portfolio information to provide a 360-degree view of the inter-dependencies among IT projects, applications, interfaces, data, infrastructure and your business processes, products and organization structure. ITPM allows IT changes to be synchronized between the different IT asset types, while ensuring that these IT changes synchronize with business changes. This capability, to see the impact of change, enables organizations to assess and manage business and IT risks. It provides an extensible platform for the management of any enterprise asset and out-of-the-box support for the common IT assets. ITPM capture IT portfolio to provide a view of the inter-dependencies among projects, applications, interfaces, data, infrastructure and business processes, products and organization structure. By documenting, managing and understanding its IT portfolio, an organization can achieve faster time-to-market, track changes to its portfolio and determine the impact of such changes throughout the business. It helps to reduce costs, improve efficiency, and respond faster to opportunities and threats and to leverage the value of finite resources and budgets by ensuring that programs and projects align with the business.

Price:

Provider: Adaptive

References:

<http://www.adaptive.com/products/itportfolio.html>

<http://www.adaptive.com/news/resilientppm.html>

Name of the Tool: Agilense EA WebModeler

Description: This tool is industry's one of the easiest tool to collaboratively create a dynamic picture of the interdependences between management objectives, business processes, projects, applications, resources, finances, data and the information technology infrastructure that enables the enterprise. In a matter of hours users can install, learn, and be productive with EA WebModeler. EA WebModeler consists of central repository of enterprise architecture knowledge accessed via a standard browser. EA WebModeler manages all repository changes using transactions. This is done to ensure that work is not lost, that partial updates cannot occur where difficulty is experienced in the middle of an update and that users do not adversely affect each other. Internally, EA WebModeler uses n-tier design architecture, comprising an interface management layer, business transaction layer and domain object layer. A server application resides between the repository and a web server. The application server responds to user requests and external events, accesses the repository, performs calculations, and dynamically generates user interfaces. EA WebModeler stores all type definitions in the repository and generates appropriate client interface and business transaction processing logic at run time using process and interface patterns and the relevant Meta data.

Price:

Provider: Agilense

References:

<http://www.agilense.com/documents/EAonDemandfinal.pdf>

http://www.agilense.com/p_overview.html

Name of the Tool: ALPHA PLANNING IT

Description: Significantly advance analytical capabilities, workflows and automation in IT planning processes for tighter alignment with business goals. To help enterprise architects quickly identify weaknesses in the IT landscape, find solutions to business demands and turn business strategies into IT implementation plans. “planningIT”’s sophisticated metamodel allows us to easily add new automated computations and reporting capabilities. It covers planning the introduction and rollout of business services in complex enterprises. Alfabet has added powerful new visualization and modeling capabilities in planningIT 2.0 to help enterprise architects quickly identify weaknesses in the IT landscape, find solutions to business demands and turn business strategies into IT implementation plans. “PlanningIT”’s high performance technical platform and in particular the sophisticated metamodel allows us to easily add new automated computations and reporting capabilities.

Price:

Provider: Alfabet

References:

<http://www.alfabet.de/planningIT/products/overview.htm>

<http://www.alfabet.de/>

<http://www.planningit.nl/>

Name of the Tool: Axon Idea Processor

Description: The Axon Idea Processor provides an environment that supports thinking - such as generating, organizing, and analyzing ideas: analyzer, calculator, clusters, freewriter sequencer, simulator, slideshow, tabulator, and template.

It provides benefits like Analyze and solves more complex problems, Improve your memory and recall, Focus attention and minimizes distractions.

Ideas can be shown as graphical objects and its relationship as links. Using Axon, writing, drawing, organizing, doodling, computing, presenting, etc. can- be done concurrently without having to switch tools. We can work top-down, bottom-up, and not restricted by fixed procedures. Idea Processor is developed using Object-Oriented (O-O) technology. Ideas are implemented as one of the many classes of Objects.

Price: The Axon2007 R3.04 Lite Version (Final Release) is freely available for evaluation and limited use. Upgrade this US\$ 165.00 for first time.

Provider: AXON Research

References:

<http://web.singnet.com.sg/~axon2000>

Name of the Tool: Borland Tempo

Description: Borland Tempo is a complete, collaborative IT Management and Governance system. It is the cornerstone of the personalized Borland IT Management & Governance Solution and delivers measurable business benefit by supporting a tailored people, process and technology approach that can be incrementally adopted. With Borland Tempo, organizations can implement personalized processes to efficiently collect, evaluate and select the best technology investments based on costs, benefits and risks from across the organization. Borland Tempo also includes a complete set of capabilities for planning, project-level work management and visibility into the progress and status of project portfolios for executing projects and initiatives successfully and efficiently. Borland Tempo is very intuitive for users to learn and also very flexible. Borland Tempo is a complete, collaborative IT Management and Governance system that helps IT organizations dramatically improve the return they deliver to the overall enterprise. Borland Tempo includes capabilities to completely and efficiently implement the six key IT Management and Governance processes:

Demand Management

Portfolio Management

Project & Program Management

Resource Management

Financial Management

Asset Management

Price: \$195

Provider: Borland

References:

<http://www.borland.com/us/products/tempo>

<http://www.bitpipe.com/detail>

Name of the Tool: CA Enterprise IT Management

Description: EITM provides a path for proactive enterprise-wide IT management that enables organizations to optimize resource allocation in anticipation of business needs. It ties together management of the entire enterprise IT environment — including end-users, infrastructure, data, applications, IT services and business processes. EITM's service-oriented approach eliminates the “silos” that historically have limited an IT organization's ability to effectively manage disparate technologies. It makes it easier to enhance and monitor the end-to-end impact of IT on the business. CA is delivering 26 EITM-enabled products, spanning the full range of management and security disciplines that are dynamically driven by business policies and automated workflows to ensure continuous alignment and optimization of technology investments. EITM Accelerators provide customers with multiple EITM “entry points” that consist of people, processes and technologies.

Price:

Provider: ca

References:

<http://www.ca.com/>

<http://www.ca.com/caworld/2005/about/focus/esm.htm>

Name of the Tool: Compuware OptimalJ

Description: OptimalJ accelerates the development, integration and maintenance of J2EE applications. It helps organizations reduce the time, cost, risk and complexity associated with delivering and maintaining enterprise Java applications. OptimalJ is a practical implementation of the Model-Driven Architecture (MDA) standard from the Object Management Group (OMG). By generating as much as 80% of an application's code from models, OptimalJ enables organizations to rapidly respond to change, increase development efficiency, and dramatically decrease maintenance costs. OptimalJ 3.3 is available in three editions:

- The developer edition
- The professional edition
- The architecture edition

OptimalJ has the following advantages:

SAP Integration: OptimalJ automatically generates the entire complex Java plumbing code required to invoke SAP business objects natively via JCA interface.

Integrated Requirements Management: This combination of Catalyze and OptimalJ, gives development teams an integrated, role-based solution for requirements management and enterprise application development that provides realistic methods for sharing critical information within the development process.

Editions for WebLogic: convert the model into working Beehive artifacts and then easily test deployment to the WebLogic server.

Price: Developer edition: \$2200

Professional edition: \$6000

Architecture edition: \$18000

Provider: Compuware

References:

<http://www.compuware.com/products/optimalj>

Name of the Tool: Enterprizer

Description: Enterprizer is a unique application focusing on customer-specific issues. Precisely capture the enterprise's value system, stakeholders, success factors, and relationships in multiple dimensions. Structured frameworks with embedded expertise focusing on business intelligence, balanced scorecards, compliance, consulting services, eLearning assessment, ERP goal setting, governance, securities services, strategic planning, venture Capital assessment. It has unique, focusing on addressing specific customer challenges. Toolkits are pre-configured applications that represent best practice. Developed together with leading research institutes and associations, toolkits address issues such as strategic alliances, innovation management and business strategy. Enterprizer benefits organizations in the following way:

- Speedy resolution of priority issues.
- Accelerated focus on core issues.
- Identification of key factors that influence success
- Management of diverse stakeholder interests
- Easily demonstrated, high quality analysis - current & future
- Prioritization based on comparative scores
- Optimized strategies for improvement and implementation
- Avoids investments in “dead-ends”
- Improved communication and understanding leading to consensus

Price: Standard edition € 995

Provider: Enterprizer

References:

<http://www.enterprizer.com/>

<http://www.enterprizer.com/subindex.html>

Name of the Tool: Factiva Taxonomy

Description: Creates accurate relationships between company data sets, allowing effective searches based on company name. For example:

- Use a cross-mapping to Factiva Company Taxonomy to link directly from CRM to news and business information from Factiva. We can leverage a D&B code or other standard company identifier.
- Factiva company name synonyms to normalize references to company names in research reports, e-mails and file shares to link them.
- Use the Factiva Company Taxonomy updates to make sure the list of customers, suppliers and partners in your internal systems is always up to date with mergers, acquisitions and name changes.

Factiva Industry, Region and Subject Taxonomy allow creating seamless pathways for accessing documents or reports originating from multiple repositories. It helps you to:

- Provide intuitive navigation through subject hierarchies
- Add context to search and remove ambiguity
- Facilitate universal retrieval across content types and languages
- Link users to related information they may not have known existed

Price:

Provider: Factiva

References:

<http://www.factiva.com/taxonomy>

http://www.factiva.com/collateral/files/datasheet_taxonomy_F-1155-A.pdf

Name of the Tool: Factiva Synaptica Knowledge Management System

Description: The information community chooses Factiva Synaptica Knowledge Management System for building and maintaining taxonomies, thesauri, name catalogs and other authority files. Through an easy-to-use, Web-based interface Synaptica provides the ability to customize the system in minutes - allowing users to: create new vocabulary files; design metadata elements; create and apply new kinds of relationship types; configure rules to govern taxonomy behaviors; customize display formats and perform data import and export functions. With Synaptica's flexibility we can design new metadata and vocabulary screens, data elements and rules online in minutes, and with its scalability we can manage hundreds of vocabularies, millions of terms and unlimited users with granular permission controls and support for API-level systems integration.

Synaptica is currently being used to create or enhance:

- Browsable Web site menus
- eCommerce product catalogues
- Multilingual search and browse
- Access to specialized technical or market intelligence databases

Price:

Provider: Factiva

References:

<http://www.factiva.com/products/taxonomy/synaptica.asp>

http://www.factiva.com/collateral/files/synaptica_benefitsheet_F-2221.pdf

Name of the Tool: Flashmap Systems FlashAtlas

Description: FlashAtlas is used to simplify how to organize, visualize, and communicate the enterprise's technology portfolio. Flashmap Systems bundles four standard models with FlashAtlas:

- Infrastructure
- Business Intelligence
- Application development
- Commercial Off-The-Shelf

FlashAtlas provides customers not only the freedom to modify and adapt the bundled models, but also the ability to use their own or third party models if they choose. Regardless of whether the customer uses the bundled models or incorporates their own, FlashAtlas allows the customer to utilize role-based customization of the content represented. Provide the architecture team with a structured environment (a framework) in which to document their IT infrastructure(s). Quickly and easily convey and explain their architectural standards and requirements. Communicate IT's strategy throughout the organization both inside and outside of IT. Identify and minimize redundant technologies used across the organization and enforce architectural standards and requirements. Provide organizations with a single repository for all their architecture and infrastructure components easily accessible through visual cues. Assist developers in comparative analyses of products. Establish a comprehensive enterprise set of standards that all business units can reference yet still provide the business units the independence they need. Communicate what a standard tool set might look like and provide a means to convey reusability of different products among different applications.

Price:

Provide: Flashmap Systems

References:

<http://www.flashmapsystems.com/products/products.htm>

<http://www.flashmapsystems.com/contact/downloads.htm>

Name of the Tool: Flashmap Systems ITguide

Description: ITguide is a very simple, very inexpensive, ASP-only Technology Portfolio solution that enables ‘architects’ to create custom-tailored technology architectures by modeling and documenting technology assets. ITguide visualizes and communicates custom-tailored information about technology architectures, portfolios and standards. ITguide provides navigation of technology architecture models for specific business applications or projects, which may be expanded to a global view with, as requirements, expand. Everything except the graphics used for navigation, it is fully customizable.

- Provides global instant online access to official information about IT products and vendors
- Includes two sets of user-customizable data fields (i.e., templates) for describing:
 - Products
 - Vendors
- Divides products into lists broken down into product categories
- Products can be visually highlighted by assigning legend icons to products which are visible when viewing the product list.

Price:

Provider: Flashmap Systems

References:

<http://www.flashmapsystems.com/products/itguide/itguide-overview.htm>

Name of the Tool: Framework Software Structure

Description: It is a suite of enterprise architecture document and model management tools that provide fast access to work products and electronic performance support materials based on the concepts of the Zachman Framework for Enterprise Architecture. The software suite also supports U.S. Federal Enterprise Architecture Frameworks (FEAF) and U.S. Department of Defense Architecture Frameworks (DoDAF). This software enables you to organize and classify conceptual, logical, and physical design documents and models into a framework, and then directly access and/or reference them from the framework itself. This software has the ability to define multiple frameworks and create framework hierarchies supports baseline (“As Is”) and target (“To Be”) frameworks as well as federated architectures. In conjunction with version control, supports configuration management. Structure also provides open architecture features that make it easy to produce reports and import and export data. It provides easy to use applications to organize and classify enterprise artifacts so that they may be quickly found, accessed, reviewed, shared and changed. It also allows simplified enterprise architecture views to be depicted depending on the target audience or knowledge worker. For example, senior management may only be interested in seeing the conceptual business view.

Price:

Provider: Framework Software

References:

<http://www.frameworksoft.com/>

http://www.frameworksoft.com/body_index.html

Name of the Tool: Grandite SILVERRUN ModelSphere

Description: SILVERRUN ModelSphere is an exciting and unique modeling tool / software that combines many features, such as business process modeling, data modeling and UML modeling, and provides a flexible model management environment. Designed in Java and working on a standard virtual machine, it provides better usage of computers, especially when different platforms are used in the same development environment. It also supports forward and reverse engineering. Additionally it offers an open API facilitating the integration of the SILVERRUN ModelSphere solution into existing environments of development. ModelSphere supports:

- Business Process Modeling
- Data modeling
- UML Modeling
- Interface

Price: \$1700 including one-year maintenance

Provider: GRANDITE

References:

<http://www.silverrun.com/>

<http://www.silverrun.com/modelsphere.html>

Name of the Tool: IBM Rational Software Architect

Description: IBM Rational Software Architect (RSA) is an integrated design and development tool that leverages model-driven development with the UML for creating well-architected applications and services. With Rational Software Architect we can unify all aspects of software design and development. RSA simplifies design and development tool solution. It allows organizations to capture and promote "recipes" that can be used to increase the predictability and repeatability of software development. The authoring and apply capabilities support teams in "developing for reuse" and "developing with reuse". Uses UML notation to provide abstract views of Java, EJB, and database objects to simplify the development and understanding of new and existing applications. Also helps automate the repeatable task of generating code from design models. Assist users in querying design models for traceability relationships from requirements (in RequisitePro) to analysis/design elements found in models, and to Java code. Simplify the creation of traceability links from requirements through to design. Organizations can develop plug-ins customize the analysis and design tools for their environment and process.

Price:

Provider: IBM

References:

<http://www.ibm.com/software/awdtools/architect/swarchitect>

<http://www.ibm.com/software/rational>

Name of the Tool: IBM Rational Software Modeler

Description: IBM Rational Software Modeler is a customizable, UML 2.0-based visual modeling and design tool that enables architects, systems analysts, designers and others involved in the development process to clearly document and communicate processes, flows and designs. IBM Rational Software Modeler opens up modeling experience. It provides leverage an open and extensible modeling platform. The model application of RSM provides better productivity. It also integrates with other facets of lifecycle. Action bars, connection handles, and CTRL-SPACE are used to guide a user through the activity of creating well-formed models. It also allows organizations to capture and promote "recipes" that can be used to increase the predictability and repeatability of software development. It supports OMG Reusable Asset Specification and supports users in browsing repositories containing reusable assets. Repositories can be structured so that assets can be found easily. Assist users in querying design models for traceability relationships from requirements (in RequisitePro) to analysis/design elements found in models, and to Java code.

Price:

Provider: IBM

References:

<http://www.ibm.com/software/awdtools/modeler/swmodeler/index.html>

<http://www.ibm.com/software/rational>

Name of the Tool: IBM Rational Software developer

Description: IBM Rational System Developer tool help software architects and model-driven developers build complex, large-scale applications. Rational Systems Developer is based on the Eclipse platform, an open platform that allows developers to extend the Rational Systems Developer plug-ins and add custom functionality and development. Rational Systems Developer allows software architects to easily create and browse models and code using diagrams, and create code from UML diagrams and vice versa. Rational Systems Developer provides a framework where software architects and model-driven developers can create conceptual UML models of the overall application at hand. Architecting software in UML is advantageous because it reduces risk, as repeatable activities are automated. Rational Systems Developer supports the latest in modeling language technology, UML2, which allows architects to design with greater precision than previously possible. Rational Systems Developer supports the latest in modeling language technology.

Price:

Provider: IBM

References:

<http://www.ibm.com/software/rational>

<http://www.ibm.com/developerworks/platform>

Name of the Tool: Interfacing Technologies Enterprise Process Center

Description: The Enterprise Process Center (EPC) is our affordable, multi-user business process management (BPM) software product. It delivers collaborative process modeling and content management to every employee desktop. Its simplistic design approach allows business users to map, model and manage business processes, and view, edit and comment on those processes collaboratively and in real-time. The EPC provides a robust, enterprise-wide process framework that allows to effectively manage changes to processes. Enterprise-wide collaboration and communication of process knowledge is a vital change management component. It benefits organizations by effectively managing processes and document lifecycle. EPC also supports Change Control Management. Stakeholders are also communicated about the critical knowledge of various processes. EPC provides environment to meet demanding compliance requirements. The EPC's simple modeling approach, supported by a collaborative Business Process Management system, ensures quick and validated deployment of processes that reflect the reality of organization. It provides a focused and rapid roadmap for creating the process framework that applies to any level of user and enhances the user's work experience.

Price:

Provider: Interfacing

References:

<http://www.interfacing.com/>

<http://www.interfacing.com/epc.htm>

Name of the Tool: KBSI ProCap

Description: ProCap software to streamline your enterprise's processes resulting in superior quality, high performance workflows with predictable results. The ProCap software allows you to: Organize business processes by major value delivery services.

- Pivot different views to process architecture.
- Identifies business objects, critical states of those objects, and the critical processes.
- Capture multiple role views of the execution of a process step
- Package and distribute standardized process knowledge with the ProCap Viewer.
- Shows cross organization processes by swim lanes.
- Spell check element documentation.

Price:

Provider: KBSI

References:

<http://www.kbsi.com/Software/KBSI/ProCap.htm>

<http://www.proinfotech.ru/case3.htm>

Name of the Tool: BSI PROSIM

Description: PROSIM used to streamline your enterprise's processes resulting in superior quality, high performance workflows with predictable results. Automatically generate simulation models of process designs and analyze the efficiency of current workflows or test the strength of proposed workflow changes. Identify business objects, critical states of those objects, and the processes that must occur to get to a state. Capture detailed process characteristics such as resource allocation rules and flow-time distributions for processes. Create animated simulations and virtual reality visualizations of workflow in WITNESS. Index into distributed corporate information sources with process knowledge map. The Visio generation feature translates PROSIM diagram graphics into fully functional Visio drawings. The embedded expert system designs a simulation model to evaluate process designs against critical performance metrics. WITNESS simulation engine is used to explore the efficiency of business-process designs under real-world constraints. Optimization features allow finding the best performance at minimum cost.

Price:

Provider:BSI

References:

<http://www.engineeringtalk.com/indexes/categorybrowseni20.html>

<http://www.engineeringtalk.com/indexes/newsbymonth200613.html>

Name of the Tool: MEGA Suite

Description: MEGA is a global suite of products dedicated to Process Excellence and Enterprise Architecture initiatives. This repository-based environment is composed of different components that address all modeling project requirements, from business objectives to IT implementation. Is an integrated Modeling Suite, including all graphical Business Process Analysis and Enterprise Architecture tools to design strategy, business and IT models. The latest version of the modeling suite MEGA 2005 has the flexibility to handle a wide variety of modeling-based projects, including EA, corporate governance compliance, and information systems management, with appropriate consulting help if required. Providing integrated modeling methodology and project management support. Including productivity enhancements, such as preference management and favorites tracking, among others. Offering a new intuitive and flexible search wizard that guides users through the repository with ease. It helps the agency align its technical infrastructure and support systems to the functions and services provided to constituents. MEGA Suite helps the risk management team model processes, risks, and constraints in order to describe, analyze, and perform impact analysis for USDA processes. MEGA International was selected to for its strength in describing processes with risks, constraints, and controls associated with risk-focused organizations like RMA. MEGA Suite helps RMA perform a detailed analysis of its business operations, maintain mitigation plans, and ensure compliance.

Price: \$9.95

Provider: MEGA

References:

<http://www.sharewareplaza.com/Mega-Bounce-downloads>

<http://www.mega.com/index.asp/l/en/c/product/p/mega-modeling-suite>

Name of the Tool: MEGA Architecture

Description: MEGA Architecture provides advanced modeling features to build application portfolios and deliver the application perspective of Enterprise Architecture maps. MEGA Architecture provides an information flow centric approach that exposes how IT systems support enterprise business processes and operations. MEGA Architecture automates documentation and HTML websites generation for sharing within the project team and across the whole company. MEGA Architecture enables simple capture and consistent management of hundreds of information flows, architecture blueprints and city planning maps. MEGA Architecture helps to design and describe the architecture of information systems, facilitating any upgrades and enhancements. Based on the principles of Service Oriented Architecture, MEGA Architecture provides all the tools needed for the description of IT applications, services and infrastructure portfolios and IT Architecture blueprints. MEGA Architecture can be used in conjunction with other MEGA Suite products. As a result, MEGA Architecture seamlessly integrates IT system design with enterprise data architecture and business process analysis.

Price:

Provider: MEGA

References:

<http://www.mega.com/index.asp/l/en/c/product/p/mega-modeling-suite/p2/mega-architecture>

http://www.enterprise-architecture.info/EA_Tools.htm

Name of the Tool: Mercury IT Governance Center

Description: Mercury's IT Governance Center software suite includes applications for automating and tracking IT projects. A strategic part of Mercury BTO Enterprise, Mercury IT Governance Center provides visibility into the demands being made of IT. It allows respond to competitive situations with speed and agility. By automating processes and required controls, it lowers the cost of reporting and staying compliant with regulations such as Sarbanes-Oxley. By automating best-practice processes, it supports quality programs and process control frameworks such as Six-Sigma, CMMI, and COBIT, providing cost-effective metrics for continuous improvement. Mercury IT Governance Center provides a single system of record for running IT. We gain the visibility to put our best or most appropriate resources on the projects with the highest value to the business. Mercury IT Governance Center provides role-based dashboards to access the information needed to get the job done right. And updates are communicated in real-time to eliminate latencies. At all levels of your organization, IT Governance Dashboard provides role-based, exception-oriented visibility into IT trends, status and deliverables. Mercury IT Governance Center provides a sustainable approach to compliance mandates, digitizing key procedures and controls.

Price: \$150,000

Provider: Mercury

References:

<http://www.mercury.com/us/products/it-governance-center>

<http://www.mercury.com/us/company/pr/press-releases/050205-itg6.html>

Name of the Tool: Microsoft Office Visio Professional 2003

Description: Visio 2003 is diagramming programs that help to create business and technical diagrams that document and organize complex ideas, processes, and systems. Diagrams created in Visio 2003 enable visualize and communicate information clearly, concisely, and effectively in ways that text and numbers cannot. Visio 2003 also automates data visualization by synchronizing directly with data sources to provide up-to-date diagrams, and it can be customized to meet the needs of organization. Visio 2003 can help business and technical user's document, design, and communicate complex processes and systems clearly so they can collaborate effectively and take more effective action. Visio includes specific tools to support the diagramming needs of business professionals, project managers, sales and marketing professionals, operations managers, IT professionals, software developers, database and Web site administrators, facilities managers, or engineers. Visio enhances the Microsoft Office System by helping to communicate complex ideas, systems, and processes by capturing information graphically so that it can be more easily understood. Organizations can take advantage of the intuitive Visio interface to build business process management solutions that improve the effectiveness of their employees. Visio Professional 2003 gives IT professionals, engineers, and developers the most comprehensive technical diagramming and drawing tools available to create and share information.

Price: **\$199.00**

Provider: Microsoft

References:

<http://www.microsoft.com/products/info>

<http://www.microsoft.com/office/visio/prodinfo/default.mspx>

Name of the Tool: Mindjet MindManager

Description: MindManager Pro 6 offers a concise, more visual way to think, organize, remember and communicate ideas more effectively. The extensive library of built-in templates to help plan to-do list, manage contacts, develop new products, write reports, manage team goal-setting, meeting minutes, etc... Mindjet MindManager Pro 6 is the industry leading mapping software that helps people and businesses to visualize information. It is the most effective way to capture, organize and communicate ideas and information. MindManager software enhances quality of strategic thinking, accelerates project and process planning and increases productivity. MindManager software enables people to work smarter and faster, improving not only individual results but also the output of teams. MindManager software combines core mapping capabilities with sophisticated application integration to provide a flexible information creation and management solution. MindManager maps can be linked to variety of data sources, such as Microsoft Office and Salesforce.com, enabling users to capture, organize and visualize complex information. Integration with leading productivity applications and enterprise solutions saves user time and ensures quick data exchange for report and presentation creation, contact management, project management, data management and more.

Price: \$349 for single user. Up grade \$174

Provider: Mindjet

References:

<http://www.mindjet.com/>

<http://www.mindjet.com/de>

Name of the Tool: Netspective Enterprise Frameworks Suite

Description: Enterprise Architecture Planning (EAP) Turn-key Service can help you design and craft extensible architecture blueprints in a matter of days or weeks. EAP is a unique service that provides a knowledge bridge between your business and technology groups to help you create a results-oriented architecture. The NEFS is architected to help cleanly and consistently separate presentation from business logic and business logic from the data management layer. It includes a foundation for translating the business logic into business processes that are reusable across multiple projects. The business logic and processes may be invoked through many protocols including RMI, plain-old Java objects (POJO), Web Services, Enterprise Java Beans (EJBs) and messaging. NEFS is architected using Java, J2EE and XML technologies. NEFS does not have a proprietary development language and doesn't require a specific Integrated Development Environment (IDE).

Price: \$12,500 for 50 users

Provider: Netspective

References:

<http://www.netspective.com/>

<http://www.netspective.com/resources/support/docs/nef-articles/getting-started.html>

Name of the Tool: Proforma ProVision Enterprise

Description: The ProVision modeling suite provides an enterprise-wide process modeling environment that enables companies to quickly know, improve and implement the most cost effective and efficient business processes and systems. ProVision's sharable repository of integrated strategy, process and system models provides the framework to effectively model all dimensions of the enterprise and support initiatives such as process improvement, Six Sigma, ISO certification, enterprise architecture, requirements definition and application development. ProVision gives the power to know business and improve business strategy, processes and systems. ProVision not only models the business and technical requirements, it also interprets them into simple, English statements to ensure that everyone (upper management, business and IT, etc.) understands the full meaning of every model. Proforma's Pro*Vision* enterprise modeling suite significantly enhances an organization's ability to plan business and technology investments and decisions. It illustrates how to combine the four essential perspectives--business, application, information, and technology--into a cohesive and dynamic enterprise architecture plan. ProVision's greatest strength is in business/enterprise architectures and process redesign and improvement, but it also has significant strength in all other areas, including business rules, software development, human performance improvement, and the development of management and measurement systems. Only ProVision provides enterprise-wide global access via a central, web-server-based repository that allows anyone, anywhere, anytime to manage, communicate and distribute business knowledge and models.

Price:

Provider: Proforma

References:

<http://www.proformacorp.com/Federal/provisionCivil.asp>

<http://www.proformacorp.com/News&Events/news.asp>

Name of the Tool: QualiWare Lifecycle Manager

Description: The QualiWare solution set enables flexibility such that a business can build its Enterprise Architecture incrementally. The QualiWare Lifecycle Manager modeling system provides the functionality to explicitly, graphically depict EA dimensions with innumerable layers of detail. Object-oriented structuring of the system supports any-to-any object relationships such that the EA dimensions can be linked/related multi-dimensionally. The QLM introductory course will provide a new user of the QualiWare Lifecycle Manager with the concepts of modeling, a full understanding of the QLM user interface, how to utilize the various editors, and how and when to use the various diagrams that are available in QLM.

Price:

Provider: QualiWare

References:

<http://www.qualiwareinc.com/>

<http://www.qualiwareinc.com/Courses/2004-CourseOfferings.htm>

Name of the Tool: SiloFx Synap-c Enterprise Architecture Suite

Description: Synap-c Enterprise Architecture Engine creates a flexible and extensible infrastructure to model business in a modeled structure and through any number of dimensions. Synap-c v1.0 allows DEFINE business through these meta-models, CAPTURE instance data according to these definitions and then applying architectural principles CAPTURE instance data according to these definitions and then applying architectural principles to perform tasks such as AS-IS and TO-BE creation, gap analysis and views and viewpoint enforcement. Synap-c Software Architecture Edition (SAE) is a UML-based modelling tool, focussing on easy-to-do, but hard-to-manage task within the analysis and design phase of large software engineering efforts. Simplify Build and Configuration Management with versioning, baselining and a full historical view of the models. Allow business stakeholders to ensure tractability between and within business, information and technology. Synap-c brings businesses one-step closer to the reduction of corporate silos and the creation of a single, integrated view, manageable over long term.

Price:

Provider: SILOFX

References:

<http://www.silofx.com/News/050828osilio.htm>

<http://www.silofx.com/synapc.htm>

Name of the Tool: Sparx Enterprise Architecture

Description: Enterprise Architect is a multi-user, Windows based, graphical tool designed to help build robust and maintainable software. EA combines the power of the latest UML 2.0 specification with a high performance, intuitive interface, to bring advanced modeling to the desktop, and to the complete development and implementation team.

Enterprise Architect is a comprehensive UML analysis and design tool, covering software development from requirements gathering, through to the analysis stages, design models, testing and maintenance. Enterprise Architect provides complete traceability from requirements analysis and design artifacts, through to implementation and deployment.

EA helps manage complexity with tools to track dependencies, support for very large models, version control with CVS or SCC providers, base lining for point in time snapshots, compare (diff) utility to track changes to the model, intuitive and high performance interface with "explorer like" project view. EA supports generation and reverse engineering of source code for many popular languages, including C++, C#, Java, Delphi, VB.Net, Visual Basic, ActionScript and PHP. EA helps to visualize applications by supporting reverse engineering of a wide range of software development languages and database repository schema. EA supports advanced Model Driven Architecture (MDA) transformations using easy to edit and develop transformation templates. With a rich and detailed modeling environment built onto a solid UML core, Enterprise Architect offers great support for team modeling. Designed as a team-based platform from the start with integrated version control and support for the entire SDLC.

Price: \$195

Provider: Sparx Systems

References:

<http://www.sparxsystems.com.au/>

http://www.sparxsystems.com.au/partners/vars_north_america.html

Name of the Tool: Telelogic Focal Point

Description: Focal Point is the most comprehensive solution on the market for Decision Support, Portfolio Management and Product Management. Focal Point is a completely web based application that incorporates innovative tools supporting activities such as stakeholder collaboration, prioritization, decision-making, visualization. Telelogic focal point is a configurable Web-based decision support platform for requirements management, product management and project portfolio management. Focal point reduces the chaos of managing information in e-mails, documents and spreadsheets by providing a collaborative environment for centralizing requirements, products and project data. Telelogic provides its well-known DOORS application to assist with the definition and management of requirements. It achieves this by identifying each requirement, tracking changes to these over time, and by then potentially integrating the requirements with testing to ensure that the finished application meets those requirements. Focal point also provides Requirements Management capabilities particularly suited for rapid, agile projects that do not need the formality offered by DOORS. The ability to elicit requirements from users, document them carefully and thoroughly, together with graphical illustrations, helps to clarify just what a system or application is supposed to do. Focal point's objective is to help organizations to select the right projects to develop, by supporting the decision-making process. It helps to align development with business demands, ensure the right features are being added to a product by supporting feature collection, prioritization, and categorization, along with iterative release planning and release distribution monitoring to ensure that each product release will meet its objectives.

Price:

Provider: Telelogic

References:

<http://www.telelogic.com/focalpoint>

<http://www.telelogic.com/corp/products/focalpoint/index.cfm>

Name of the Tool: Telelogic System Architect

Description: Telelogic SYSTEM ARCHITECT enables to build an Enterprise Architecture - a fully integrated collection of models and documents across four keys architecture domains: Business, Information, Systems, and Technology. Enhanced Integration to DOORS and TAU Tighter integration with Telelogic's ALM solutions means requirements from Telelogic DOORS(R), and models in Telelogic TAU(R) and System Architect, can all be viewed side by side in DOORS, and traceability between the requirements and the models can be visually seen and understood. Users now have a toolset that allows for analysis, trace ability, and alignment from architecture design, through to system implementation.

Price: Free download on site- <http://www.telelogic.com/corp/download>

Provider: Telelogic

References:

<http://www.telelogic.com/popkin>

<http://www.telelogic.com/corp/products/systemarchitect/index.cfm>

Name of the Tool: Troux Compliance Management

Description: Troux Compliance Management addresses one of the most vexing compliance challenges any company faces — that of Standards Management or managing compliance with an IT department's chosen standards. Besides boosting IT productivity by automating standards compliance, Troux's Standards Management application plays an important role in:

Speed time-to-market

Reduce complexity

Increase reuse

Facilitate volume purchasing

Enhance infrastructure quality

Streamlines the process of implementing and enforcing standards throughout the IT infrastructure. Troux's Standards Management catalogs standards and deviations and provides a lifecycle plan to optimize compliance.

Price:

Provider: Troux Technologies

References:

<http://www.troux.com/products/cm>

<http://www.troux.com/products/cm/sm.asp>

Name of the Tool: Torux Enterprise Architecture and Planning

Description: Torux empowers individual and EA teams to maximize their EA modeling effectiveness using this Metis enterprise and planning offering:

- Metis Desktop
- Metis Workgroup
- Metis Enterprise

With Trous's Metis offerings for enterprise architecture, organizations have the capabilities to model the future state as well as the current enterprise state. The combination of a visual modeling toolset with the world-class Metis Enterprise Repository empowers organizations to succeed with EA. Trous Enterprise Architecture and Planning provides Enterprise Architects with the technology and best practices they need to move from “as-is” to the desired “to-be,” or future-state architecture. By combining industry best practices with powerful modeling tools and an industrial strength repository, Trous provides EA teams with everything they need to realize their vision. The “bottom-up” approach to EA—which typically focuses on technical environments—only enables the population of a data repository, neglecting the need for conceptual modeling and linking IT to the business.

Price:

Provider: Trous Technologies

References:

<http://www.troux.com/company/events>

<http://www.troux.com/products/eap>

Name of the Tool: Torux IT Governance Platform

Description: The Trough IT Governance Platform provides the information management and delivery capabilities required for world-class enterprise architecture and IT Governance. The platform insures that information is structured in the right way, used in the right way, and delivered in the right way and at the right time. Metis Client Tools: Powerful visual modeling, analytic and presentation capabilities that delivers integrated text and graphic-based models to a wide variety of roles. Trough's IT Governance Platform serves as the foundation for Trough's IT Governance Suite of applications. The Suite addresses Enterprise Architecture and Planning, Compliance Management and the Portfolio Management needs of commercial and government organizations. Provides an unparalleled infrastructure for the automated collection, storage and analytics of all IT assets. Trough's IT Governance Platform/Repository is a unique differentiator in the IT Governance space as a strong supporting component of the broad solution.

Price:

Provider: Trough Technologies

References:

<http://www.trough.com/products/metis/itgov.asp>

<http://www.trough.com/company/events/webinars/20051215carson>

Name of the Tool: Troux Portfolio Management

Description: To address the breadth of enterprise portfolio needs, Troux offers:

Application Portfolio Optimization: Troux Application Portfolio Optimization enables IT and business strategists to answer a myriad of complex questions: Where are the organization's IT assets, who uses them, what is their annual maintenance cost, when is the "sunset" date for any given application, etc.? With this critical information about the content of its application portfolio, an organization can save millions of dollars by eliminating redundant and underutilized applications.

Services Portfolio Management: Troux Services Portfolio Management enables IT departments to deliver the targeted IT services that support their organization's business goals. This application presents IT services in market terms, clearly identifies their cost, communicates their business value to internal customers, and facilitates decision-making about IT services outsourcing. Regardless of the portfolio challenges in your organization, Troux Portfolio Management gives you the powerful applications you need to manage, analyze, streamline and mitigate risk for all of your IT assets. Services Portfolio Management, tied to the principles of IT Governance, will allow you finally respond to business-oriented inquiries from your service customers and to finally get a handle on managing and streamlining your services through proper cataloging and cost controls.

Price:

Provider: Troux Technologies

References:

<http://www.troux.com/products/pm>

<http://www.troux.com/products/pm/spm.asp>

Comparison of the Tools:

Name of the Tool	Cost of Implementation	Easiness to Use	Flexibility	Support to other Tools	Modeling Capability
Adaptive Business Process Manager	Low	Yes	Moderate	No	High
Adaptive Enterprise Architecture	Low	Ok	High	No	Moderate
Adaptive IT Portfolio Manager	Low	Ok	High	No	High
Agilense EA WebModular	Low	Yes	High	No	High
Alpha PlanningIT	High	Ok	High	No	High
Axon Idea Processor	High	Ok	High	No	High
Borland Tempo	High	Ok	High	No	High
CA Enterprise IT Management	Low	Ok	High	No	Moderate
Compuware OptimalJ	Low	Yes	High	No	High
Enterprizer	Low	Yes	Moderate	No	Moderate
Factiva Taxonomy	High	Yes	High	Yes	Moderate
Factiva Synaptica Knowledge Management System	High	Yes	High	No	Moderate
Flashmap Systems FlashAtlas	High	Yes	High	No	Moderate
Flashmap Systems ITguide	Low	Yes	High	No	Moderate
Framework Software Structure	High	Yes	High	Yes	Moderate
Grandite	High	Yes	High	Yes	Moderate

SILVERRUN ModelSphere					
IBM Rational Software Architect	High	Yes	High	No	Moderate
IBM Rational Software Modeler	High	Yes	High	No	Moderate
IBM Rational Systems Developer	High	Yes	High	Yes	Moderate
Interfacing Technologies Enterprise Process Center	High	Ok	High	Yes	Moderate
KBSI ProCap	High	Ok	High	No	Moderate
BSI PROSIM	Low	Ok	High	No	Moderate
MEGA Suit	High	Ok	High	Yes	Moderate
MEGA Architecture	High	Yes	High	No	Moderate
Mercury It Governance Center	High	Ok	Moderate	Yes	High
Microsoft Office Visio Professional 2003	Low	Yes	High	Yes	Moderate
Mindjet MindManager	High	Yes	Moderate	Yes	High
Netspectiva Enterprise framework suit	High	Ok	High	No	Moderate
Proforma Provision Enterprise	Low	Yes	Moderate	Yes	High
QualiWare Lifecycle Manager	High	Ok	High	No	High
SiloFx Synap-c Enterprise Architecture Suit	High	Yes	Moderate	No	High
Sparx	High	Yes	High	No	High

Enterprise Architect					
Telelogic Focal Point	High	Yes	Moderate	Yes	High
Telelogic System Architect	High	Ok	Moderate	Yes	High
Troux Compliance Management	Low	Ok	High	No	Moderate
Troux Enterprise Architecture and Planning	High	Yes	High	No	Moderate
Troux IT Governance Platform	High	Yes	High	No	Moderate

Other References:

Mr. Eric Long- IBM

Ms. Anjali Subbarao- HP

Mr. Harish Honad- Persistent

Mr. Sameer Kamat- Geomatic