

# Software Product Mapping

This appendix expands on Chapter 5's focus on the EIA Reference Architecture and the Component Relationship Diagram by mapping the IBM® Software Group offerings applicable to this architecture's implementation. This appendix follows the order of the descriptions of the individual components in the Component Model, in Chapter 5. There are also some references to offerings from other vendors.

## A.1 Delivery Channels and External Data Providers

IBM Software solutions in this area are:

- **WebSphere® Portal**—The foundational offering of the WebSphere Portal product family, with enterprise portal capabilities that enable businesses to quickly consolidate applications and content into role-based applications, complete with search, personalization, and security capabilities.
  - WebSphere portal zone. <http://www.ibm.com/developerworks/websphere/zones/portal/>
  - WebSphere portal site. <http://www-01.ibm.com/software/websphere/portal/>
- **OmniFind® Enterprise Edition**—Helps find, analyze, mine, and ultimately maximize the value of unstructured information, regardless of storage location or format. <http://www-01.ibm.com/software/data/enterprise-search/omnifind-enterprise/>
- **InfoSphere® eDiscovery Manager**—InfoSphere eDiscovery Manager is a scalable solution to help bring electronic discovery processes in house and make them more proactive. <http://www-01.ibm.com/software/data/content-management/products/ediscovery-manager/>

- **Cognos® software overview**—The links below are all accessible from this site: <http://www-01.ibm.com/software/data/cognos/>
- **Cognos 8 Go! Mobile**—Lets users view and consume reports, scorecards, and other BI content using mobile devices. <http://www-01.ibm.com/software/data/cognos/products/cognos-8-go/mobile/>
- **Cognos 8 Go! dashboard**—View and interact with trusted Cognos BI content through a dynamic Flash-based interface. <http://www-01.ibm.com/software/data/cognos/products/cognos-8-go/dashboard/>
- **Cognos 8 Go! Office**—Interact with BI content using Microsoft Office. <http://www-01.ibm.com/software/data/cognos/products/cognos-8-go/office/>
- **Cognos 8 Go! Search**—Lets users view and consume reports, scorecards, and other BI content using familiar search techniques. <http://www-01.ibm.com/software/data/cognos/products/cognos-8-go/search/>

Some examples of external Data Providers are:

- **Dun and Bradstreet**—<http://www.dnb.com/us/>
- **AXCIOM homepage**—<http://www.acxiom.com/Pages/Home.aspx>
- **LexisNexis**—<http://www.lexisnexis.com/>

## A.2 Infrastructure Security Component

The following products are all used to implement security across a range of platforms and applications. They cover infrastructure related components ranging from operational security to mail security to mainframe security.

### Operational Security:

- **Tivoli® Security Information and Event Manager**—Provides visibility into your security posture, controls the cost of demonstrating compliance, and reduces the complexity of managing a heterogeneous IT infrastructure. <http://www.ibm.com/software/tivoli/products/security-info-event-mgr/index.html>

### Security Compliance and Vulnerability Management:

- **Lotus® Protector for Mail Security**—Helps optimize e-mail throughput to help keep unwanted content out of Lotus Domino® servers. <http://www.ibm.com/software/lotus/products/protector/mailsecurity/index.html>
- **Rational AppScan product overview**—Offers Web application security solutions, including new Malware detection capabilities. <http://www.ibm.com/software/awdtools/appscan/>

- **Tivoli Compliance Insight Manager**—Offers automated user activity monitoring with dashboard and reporting to help manage security compliance. <http://www.ibm.com/software/tivoli/products/compliance-insight-mgr/>
- **Tivoli Data and Application Security**—Provides end-to-end protection of sensitive data in enterprise storage and within critical applications to support regulatory compliance initiatives, improve business agility and reliability, and reduce costs. <http://www.ibm.com/software/tivoli/products/data-application-security/index.html>
- **Tivoli Security Compliance Manager**—Identifies security vulnerabilities and security policy violations. <http://www.ibm.com/software/tivoli/products/security-compliance-mgr/>
- **Tivoli Security Information and Event Manager**—Provides centralized log management, event correlation, policy compliance dashboard, and a reporting engine. <http://www.ibm.com/software/tivoli/products/security-info-event-mgr/index.html>
- **Tivoli Security Management for z/OS®**—Enhances and accelerates security management with security administration, user management, and audit and compliance for z/OS RACF®. <http://www.ibm.com/software/tivoli/products/security-mgmt-zos/>
- **Tivoli Security Operations Manager**—A security information and event management (SIEM) platform. <http://www.ibm.com/software/tivoli/products/security-operations-mgr/>
- **Tivoli zSecure Alert**—Real-time mainframe monitoring solution that enables administrators to efficiently monitor for intruders and improper configurations. <http://www.ibm.com/software/tivoli/products/zsecure-alert-racf/>
- **Tivoli zSecure Audit**—A mainframe audit solution that detects and reports security events and exposures on mainframes. <http://www.ibm.com/software/tivoli/products/zsecure-audit-racf/>
- **Tivoli zSecure Command Verifier**—Mainframe policy enforcement solution adds granular controls for RACF to help prevent errors and noncompliant commands. <http://www.ibm.com/software/tivoli/products/zsecure-command-verifier/>
- **Tivoli zSecure Manager for RACF z/VM**—Features of IBM Tivoli zSecure Admin and IBM Tivoli zSecure Audit components for z/OS form the foundation for the functionality of Tivoli zSecure Manager for RACF z/VM. <http://www.ibm.com/software/tivoli/products/zsecure-mgr-zvm-racf/>

## A.3 Presentation Services

IBM Software solutions in this area are:

- **WebSphere Portal**—WebSphere portal zone. <http://www.ibm.com/developerworks/websphere/zones/portal/>

- **WebSphere portal site**—Web portals allow partners, employees, and customers to choose their user experience, with personalized applications based on role, context, actions, location, preferences, and team collaboration needs. This site links to a wealth of IBM software that covers this topic. <http://www-01.ibm.com/software/websphere/portal/>
- **IBM Mashup Center**—Provides a lightweight mashup environment for assembling personal, enterprise, and Web content into simple, flexible, and dynamic applications. <http://www-01.ibm.com/software/info/mashup-center/>
- **WebSphere sMash**—A development and execution platform for quickly building agile, web-based applications. <http://www-01.ibm.com/software/webservers/smash/> and <http://www.ibm.com/developerworks/websphere/zones/smash/>

## A.4 Business Performance Reporting Services

These products all assist a business in keeping track of and monitoring business processes built with workflow tooling.

- **WebSphere Business Events**—Helps businesses detect, evaluate, and respond to the impact of business events based on the discovery of actionable event patterns. <http://www-01.ibm.com/software/integration/wbe/>
- **WebSphere Business Monitor**—Offers enhanced predictive capabilities, enabling businesses to take advantage of market opportunities and prevent problems before they occur. <http://www-01.ibm.com/software/integration/wbimonitor/>
- **WebSphere Business Services fabric**—Rapidly assembles new business processes, makes concurrent changes with governance but minimal impact to IT while reusing, sharing current IT assets. <http://www-01.ibm.com/software/integration/wbsf/index.html>
- **Cognos Visualizer**—IBM Cognos Visualizer delivers interactive and animated data visualizations that improve your understanding of trends and issues in your business performance. Display data using a wide variety of chart types including histograms, thermometers, control limits and gauges. <http://www-01.ibm.com/software/data/cognos/products/series7/visualizer/>
- **Cognos Metrics Manager**—Align tactics with strategy and monitor performance with scorecarding. <http://www-01.ibm.com/software/data/cognos/products/series7/metrics-manager/>
- **Cognos 8 Business Intelligence**—Provide the capabilities and information you need to make better decisions. Use reports, analysis, dashboards and scorecards to monitor business performance, analyze trends and measure results. A service-oriented architecture makes it easy to deploy and manage. <http://www-01.ibm.com/software/data/cognos/products/cognos-8-business-intelligence/>

## A.5 Collaboration Services

IBM Software solutions in this area are:

- **Lotus Notes®**—Business e-mail solution that empowers people with a single point of access to people, business applications, and resources across the enterprise and the Internet, helping them make business decisions quickly and streamline the way they work. <http://www-01.ibm.com/software/lotus/>
- **Lotus Sametime®**—Integrated, enterprise instant messaging, VoIP, video chats, and web conferencing capabilities with the security features required for business use. <http://www-01.ibm.com/software/lotus/sametime/>
- **Lotus Sametime Advanced**—Includes the capabilities of Lotus Sametime Standard software and expands them with advanced personal, team, and community collaboration capabilities. <http://www-01.ibm.com/software/lotus/products/sametime/advanced/>
- **Lotus Quickr™**—Team collaboration software that helps individuals and businesses share content, collaborate, and work faster online with teams. <http://www-01.ibm.com/software/lotus/products/quickr/>
- **Lotus Domino**—Reliable, security-rich, web-based e-mail software that can help many different types of users efficiently manage business-critical information and collaboration, online and offline. <http://www-01.ibm.com/software/lotus/products/domino/>
- **Lotus Cloud Computing**—Use Lotus Notes and other Lotus offerings as a Cloud Computing subscriber.

## A.6 Interoperability and Interconnectivity

IBM software in this area covers:

- **WebSphere Enterprise Service Bus (WESB)**—<http://www-01.ibm.com/software/integration/wsesb/>
- **WebSphere Message Broker**—<http://www-01.ibm.com/software/integration/wbmessagebroker/>
- **WebSphere message queue workflow**
  - For multiplatforms: <http://www-01.ibm.com/software/integration/wmqwf/editions/>
  - For mainframe: <http://www-01.ibm.com/software/integration/wmqwf/editions/zos.html>
- **WebSphere DataPower® service-oriented architecture (SOA) Appliance**
  - <http://www-01.ibm.com/software/integration/datapower/>
  - <http://www.ibmpressbooks.com/bookstore/product.asp?isbn=0137148194>
- **IBM Express Runtime**—Integrated stack consisting of DB2® Express or Informix® Dynamic Server Express, WebSphere Application Server Express, IBM HTTP Server, and Express Runtime console. <http://www.ibm.com/software/webservers/expressruntime/>

## A.7 Directory and Security Services

These services complement the security services already described in section A.2. They augment the infrastructure services with additional services to manage user authentication, access control, single sign-on, and other application-centric security requirements.

### Access Control:

- **Tivoli Access Manager**—Provides centralized authentication, policy management, and access control services for Web resources, systems, and hosted applications. <http://www-01.ibm.com/software/tivoli/products/access-mgr-productline/>
- **Tivoli Data and Application Security**—Protects data and applications via auditable access controls, fine-grained entitlements, and encryption key management. <http://www-01.ibm.com/software/tivoli/products/data-application-security/index.html>
- **Tivoli Federated Identity Manager**—Simplifies application integration using many forms of user credentials, helps reduce administrative costs, and facilitates compliance. <http://www-01.ibm.com/software/tivoli/products/federated-identity-mgr/>
- **Tivoli Identity and Access Assurance**—Addresses compliance requirements, reduces operational costs, enhances the security posture, and develops operational efficiencies. <http://www-01.ibm.com/software/tivoli/products/identity-access-assurance/>
- **Tivoli Identity and Access Manager**—Identifies access management software that administers, secures, and monitors identities, roles, and entitlements with efficient life-cycle management, access controls, and compliance auditing. <http://www-01.ibm.com/software/tivoli/products/identity-access-mgr/>
- **Tivoli Key Lifecycle Manager**—Manages the encryption key lifecycle by enabling it to centralize and strengthen key management processes. <http://www-01.ibm.com/software/tivoli/products/key-lifecycle-mgr/>
- **Tivoli Unified Single Sign-On**—Addresses requirements for single sign-on inside, outside, and between organizations. <http://www-01.ibm.com/software/tivoli/products/unified-single-sign-on/>
- **Tivoli zSecure Admin**—A user-friendly layer on top of RACF that enables security administration, user management, and compliance management on the mainframe. <http://www-01.ibm.com/software/tivoli/products/zsecure-admin/>
- **Tivoli zSecure CICS® Toolkit**—Enables RACF administration from a CICS environment. <http://www-01.ibm.com/software/tivoli/products/zsecure-cics-toolkit/>
- **Tivoli zSecure Suite**—A mainframe security administration, compliance, and audit family of solutions. <http://www-01.ibm.com/software/tivoli/products/zsecure/>

**Identity Management:**

- **Tivoli Directory Integrator**—Build an authoritative data infrastructure, enabling consistent data across multiple identity or generic data resources. <http://www.ibm.com/software/tivoli/products/directory-integrator/>
- **Tivoli Directory Server**—Provides a reliable platform for your enterprise security initiatives. <http://www.ibm.com/software/tivoli/products/directory-server/>
- **Tivoli Identity and Access Assurance**—Administer, secure, and monitor user access to resources, and provide compliance auditing. <http://www.ibm.com/software/tivoli/products/unified-single-sign-on/>
- **Tivoli Identity and Access Manager**—Identifies access management software that administers, secures, and monitors identities, roles, and entitlements with efficient life-cycle management, access controls, and compliance auditing. <http://www.ibm.com/software/tivoli/products/identity-access-mgr/>
- **Tivoli Identity Manager**—User provisioning and role management software is a secure, automated, and policy-based solution for managing user roles, identities, and access rights that span heterogeneous IT resources. <http://www.ibm.com/software/tivoli/products/identity-mgr/>
- **Tivoli Identity Manager Express**—Establishes a central point to manage user rights, enhances security and addresses compliance needs, increases user and IT efficiency, and reduces IT administration costs. <http://www.ibm.com/software/tivoli/products/identity-mgr-express/>
- **Tivoli Unified Single Sign-On**—Addresses requirements for single sign-on inside, outside, and between organizations. <http://www.ibm.com/software/tivoli/products/unified-single-sign-on/>

**A.8 Operational Applications**

IBM Software solutions in this area are:

- **Graphical Data Display Manager (GDDM)**—A “family” of programs that provides vital presentation services in IBM host data processing applications. <http://www-142.ibm.com/software/products/us/en/category/SW840>
- **BookManager® BUILD**—Build online books from the same BookMaster documents that you use for your hardcopy publications. <http://www.ibm.com/software/applications/office/bkmgr/buildmvs/>
- **BookManager READ**—Deliver current information to your mainframe attached readers. <http://www.ibm.com/software/applications/office/bkmgr/read390/>

- **Document Connect**—An enterprise solution for customized document generation; it is based on predefined templates and building blocks. <http://www.ibm.com/software/applications/office/connect/index.html>
- **Library Server**—Delivers current information when and where needed whether it is in BookManager or Adobe PDF format <http://www.ibm.com/software/applications/office/bkmgr/librsrvmulti/>
- **Lotus 1-2-3®**—Spreadsheet software that integrates live, web-based information. <http://www.ibm.com/software/lotus/products/123/>
- **Lotus Organizer**—Electronic day planner. <http://www.ibm.com/software/lotus/products/organizer/>
- **Lotus Symphony™**—Business productivity software helps users create, edit, and share documents, spreadsheets, and presentations. <http://www.ibm.com/software/lotus/products/symphony/>
- **Web Commerce**—Provides companies of all sizes with a powerful customer interaction platform for cross-channel and online commerce, supporting all business models. <http://www-01.ibm.com/software/genservers/commerceproductline/>

## A.9 Mashup Hub

IBM Software solutions in this area are:

- **IBM Mashup Center**—Provides a lightweight mashup environment for assembling personal, enterprise, and Web content into simple, flexible, and dynamic applications. <http://www-01.ibm.com/software/info/mashup-center/>
- **WebSphere sMash**—A development and execution platform for quickly building agile, web-based applications. <http://www-01.ibm.com/software/webservers/smash/> and <http://www.ibm.com/developerworks/websphere/zones/smash/>
- **InfoSphere Mashup Hub**—Includes visual tools for creating, storing, transforming, and remixing feeds to be utilized in mashup and situational applications, and includes a central catalog for users to tag, rate, and share mashable assets. <http://www-01.ibm.com/software/data/infosphere/mashup-hub/>
- **Rational® EGL Community Edition**—Simplifying the development of JavaScript and Java-based rich Internet applications. <http://www-01.ibm.com/software/rational/products/eglce/>
- **Rational Team Webtop**—A development mashup server that can give you a configurable collaborative environment with composite views of the data stored in separate tool repositories. <http://www-01.ibm.com/software/awdtools/webtop/>



## A.10 Data Management Services

Data Management solutions follow:

- **Optim™ Data Privacy Solution**—Masks confidential information to protect privacy and support compliance initiatives. <http://www.ibm.com/software/data/data-management/optim/core/data-privacy-solution/>
- **Optim Development Studio**—Provides an integrated database development environment for Oracle, DB2, and Informix. <http://www.ibm.com/software/data/optim/development-studio/>
- **Optim Move for DB2**—Streamlines the creation and management of test files and databases by identifying and optionally masking related subsets. <http://www.ibm.com/software/awdtools/optimmove/>
- **Optim pureQuery Runtime**—Provides a high-performance data access platform. <http://www.ibm.com/software/data/optim/purequery-runtime/>
- **Optim Query Tuner**—Helps developers create efficient queries and build tuning skills. <http://www.ibm.com/software/data/optim/query-tuner/>
- **Optim Test Data Management Solution**—Streamlines Test Data Management to improve application quality, cut IT costs, and accelerate solution delivery. <http://www.ibm.com/software/data/data-management/optim/core/test-data-management-solution/>
- **DB2**—Leading database optimized to deliver industry-leading performance across multiple workloads while lowering administration, storage, development, and server costs. It is available on mainframe, Unix, Linux, and Windows. <http://www-01.ibm.com/software/data/db2/9/> and <http://www-01.ibm.com/software/data/db2/zos/>
- **IBM Balanced Warehouse™**—Complete data warehousing solution comprised of pre-tested, scalable and fully-integrated system components of InfoSphere Warehouse, Server and Storage. <http://www-01.ibm.com/software/data/infosphere/balanced-warehouse/>
- **IBM solidDB®**—An in-memory database optimized for extreme speed. <http://www.ibm.com/software/data/soliddb/soliddb/>
- **IBM solidDB Universal Cache**—In-memory database technology that accelerates virtually all industry-leading relational databases up to 10 times. <http://www.ibm.com/software/data/soliddb/universal-cache/>
- **IMS™ Family**—Transaction and hierarchical database management system. The latest capabilities enable SOA exploitation, secure your investment, and enable new application development. <http://www.ibm.com/software/data/ims/index.html>
- **Informix**—Delivers exceptional reliability, scalability, ease of administration, online transaction processing (OLTP) performance, and a complete range of application development options. <http://www.ibm.com/software/data/informix/ids/>

- **Red Brick**—Lean, SQL-based, standard relational database for business intelligence applications. <http://www.ibm.com/software/data/informix/redbrick/>

## A.11 Enterprise Content Management Services

This section covers the requirements to store unstructured information in all its formats.

- **Classification Module**—Automates categorization of documents and e-mails through text analysis. <http://www.ibm.com/software/data/enterprise-search/classification/>
- **CommonStore for Exchange Server**—Trims e-mail archives and improves performance. <http://www.ibm.com/software/data/commonstore/exchange/>
- **CommonStore for Lotus Domino**—Trims e-mail archives and improves performance. <http://www.ibm.com/software/data/commonstore/lotus/>

### Content Collector:

- **Discovery Analytics**—Introducing complete collection, archiving, eDiscovery, and analytics capabilities in one solution. <http://www.ibm.com/software/data/content-management/content-collector/discovery-analytics.html>
  - **For e-mail**—Helps users enhance e-mail value and better manage e-mail growth and risks. <http://www.ibm.com/software/data/content-management/content-collector-email/>
  - **For file systems**—Helps users manage the growth and risk of file systems. <http://www.ibm.com/software/data/content-management/content-collector-file-systems/>
- **IBM Content Manager Enterprise Edition**—Solutions built on IBM Content Manager delivers documents and information to users in context, streamline work processing and improve productivity with automated processes. <http://www-01.ibm.com/software/data/cm/cmgr/mp/edition-enterprise.html>
- **FileNet® Content Manager**—Combines powerful document management with ready-to-use workflow and process capabilities to automate and drive your content-related tasks and activities. <http://www-01.ibm.com/software/data/content-management/filenet-content-manager/>
- **FileNet Compliance Framework**—An enterprise platform for process optimization, compliance management, and risk management. <http://www-01.ibm.com/software/data/content-management/filenet-compliance-framework/>
- **FileNet Email Manager**—Captures, monitors, retrieves, retains, and shares e-mail content for business and compliance. <http://www.ibm.com/software/data/content-management/filenet-email-manager/>

- **FileNet Records Crawler**—Monitors and analyzes documents to enforce document and record management policies. <http://www.ibm.com/software/data/content-management/filenet-records-crawler/>
- **FileNet Records Manager**—Securely captures, declares, classifies, stores, and disposes of electronic and physical records. <http://www.ibm.com/software/data/content-management/filenet-records-manager/>
- **InfoSphere Classification Module**—Automates categorization of documents and e-mails through full text analysis. <http://www.ibm.com/software/data/content-management/classification/>

#### **InfoSphere eDiscovery:**

- **Analyzer**—Early case assessment, conceptual analysis, and information insight for agile eDiscovery. <http://www.ibm.com/software/data/content-management/products/ediscovery-analyzer/>
- **Manager**—Respond to litigation with agility using a scalable, repeatable, in-house solution. <http://www.ibm.com/software/data/content-management/products/ediscovery-manager/>
- **Records Manager**—Add record retention to e-business software applications. <http://www.ibm.com/software/data/cm/cmgr/rm/>

## **A.12 Master Data Management Services**

IBM Software solutions in this area are:

- **InfoSphere Master Data Management Server**—Manages critical master data across customer, product, and account domains. [http://www-01.ibm.com/software/data/infosphere/mdm\\_server/](http://www-01.ibm.com/software/data/infosphere/mdm_server/)
- **InfoSphere Master Data Management Server for Product Information Management**—Enables customers to establish a single view of product information for strategic business initiatives. [http://www-01.ibm.com/software/data/infosphere/mdm\\_server\\_pim/](http://www-01.ibm.com/software/data/infosphere/mdm_server_pim/)
- **IBM Anonymous Resolution**—Enables multiple organizations to compare proprietary data in a manner that identifies relationships and develops leads but never exposes sensitive data values. <http://www.ibm.com/software/data/db2/eas/anonymous/>
- **IBM Identity Resolution**—Turns inconsistent, ambiguous identity and attribute data into a single resolved entity across multiple data sets, even despite deliberate attempts at misrepresentation. <http://www.ibm.com/software/data/db2/eas/identity/>
- **IBM Relationship Resolution**—Finds out “Who Knows Who” to determine potential value or danger of relationships among customers, employees, vendors, and other external forces. <http://www.ibm.com/software/data/db2/eas/relationship/>

### InfoSphere Global Name:

- **Analytics**—Helps manage names from around the globe to make informed business decisions. <http://www.ibm.com/software/data/infosphere/global-name-analytics/>
- **Management**—Leverages a unique knowledge-based approach of nearly 1 billion names from more than 20 years of linguistic research to address the needs of managing global, personal names. <http://www.ibm.com/software/data/infosphere/global-name-management/>
- **Recognition**—Provides multi-cultural name information, analytics, and name matching through a series of flexible, easy-to-integrate, SOA-enabled interfaces, enabling you to unlock and unleash the wealth of information in a name. <http://www.ibm.com/software/data/globalname/>
- **Reference Encyclopedia**—Has global linguistic expertise for name processing and contains culture-specific information about names, their uses, and their meanings. <http://www.ibm.com/software/data/infosphere/global-name-reference/>
- **Scoring**—Provides reliable name matching for multi-cultural names. <http://www.ibm.com/software/data/infosphere/global-name-scoring/>

## A.13 Analytical Application Services

This section covers BI, analytical, and performance optimization solutions.

- **Cognos Analytical Applications**—Packaged reporting and analysis to optimize business performance. <http://www-01.ibm.com/software/data/cognos/products/cognos-analytic-applications/>
- **Cognos Express for midsize businesses**—Integrated Business Intelligence (BI) and planning solution purpose-built to meet the needs of midsize companies. <http://www-01.ibm.com/software/data/cognos/products/cognos-express/>
- **Cognos Impromptu**—Creates reports from any data source and distributes them to business users across the organization for better decisions and improved corporate performance. <http://www-01.ibm.com/software/data/cognos/products/series7/impromptu/>
- **Cognos Powerplay**—Enables businesses to analyze large volumes of dimensionally modeled data with sub-second response times using either a Windows client or Web browser. <http://www-01.ibm.com/software/data/cognos/products/series7/powerplay/>
- **PASW Statistics 18**—Delivers advanced statistical analysis to the desktop. <http://www.spss.com/statistics/>
- **PASW Statistics professional**—Validates accuracy of data, carries out the transformations needed to support analytics, and uses advanced procedures to ensure accuracy and then report results clearly. <http://www.spss.com/software/statistics/professional/index.htm>

- **PASW Statistics with Collaboration**—Analysts can publish reports and also create interfaces that business users can access through a standard web browser and use to build reports that display exactly the information they need. <http://www.spss.com/software/statistics/collaboration/index.htm> BI Intelligence tool based upon Eclipse and available on all IBM servers. <http://www-01.ibm.com/software/data/db2imstools/db2tools/dataquant/index.html>
- **DB2 Query Management Facility**—Transforms business data into a visual information platform for the entire enterprise with visual data on-demand. <http://www-01.ibm.com/software/data/qmf/>

## A.14 Metadata Management Services

This section covers the metadata tooling available to support this critical component.

- **InfoSphere Metadata Workbench**—Supports governance, compliance, and regulatory requirements for your business and increases your trust in where the data is coming from and what happens to it as it moves through the data integration processes. <http://www.ibm.com/software/data/infosphere/metadata-workbench/>
- **InfoSphere Business Glossary**—Enables users to create, manage, and share an enterprise vocabulary and classification system. <http://www-01.ibm.com/software/data/infosphere/business-glossary/>
- **InfoSphere Data Architect**—An enterprise data modeling and integration design tool. <http://www-01.ibm.com/software/data/studio/data-architect/>

## A.15 Enterprise Information Integration Services

IBM Software solutions in this area are:

- **DataMirror@ iReflect**—Change Data Capture for Oracle Replication distributes data across Oracle systems in real time. <http://www-01.ibm.com/software/data/infosphere/change-data-capture/oracle-replication/>
- **InfoSphere Change Data Capture**—Detects and delivers information across heterogeneous data stores in real time. <http://www-01.ibm.com/software/data/infosphere/change-data-capture/>
- **InfoSphere Classic Connector for z/OS**—Provides bulk data extract and changed-data capture of System z data. <http://www-01.ibm.com/software/data/infosphere/classic-connector-z/>
- **InfoSphere Classic Data Event Publisher for z/OS**—Drives business integration and ETL processes by publishing changes made to System z data. <http://www-01.ibm.com/software/data/infosphere/classic-data-event-publisher-z/>

- **InfoSphere Classic Federation Server for z/OS**—Offers direct virtualized SQL access to mainframe data sources. <http://www-01.ibm.com/software/data/infosphere/classic-federation-server-z/>
- **InfoSphere Classic Replication Server for z/OS**—Provides System z data sourcing for IBM's InfoSphere Replication Server. <http://www-01.ibm.com/software/data/infosphere/classic-replication-server-z/>
- **InfoSphere Data Event Publisher**—Publishes changed-data events that can drive updated data into critical applications, facilitating your business integration processes. <http://www-01.ibm.com/software/data/infosphere/data-event-publisher/>
- **InfoSphere DataStage**—Integrates data on demand with a high-performance parallel framework, extended metadata management, and enterprise connectivity. <http://www-01.ibm.com/software/data/infosphere/datastage/>
- **InfoSphere Discovery**—Identifies and documents what data you have, where it is located, and how it's linked across systems by intelligently capturing relationships and determining applied transformations and business rules. <http://www-01.ibm.com/software/data/infosphere/discovery/>
- **InfoSphere Federation Server**—Accesses and integrates diverse data and content sources as if they were a single resource—regardless of where the information resides. <http://www-01.ibm.com/software/data/infosphere/federation-server/>
- **InfoSphere Information Analyzer**—Helps you understand the structure, content, and quality of your data sources. <http://www-01.ibm.com/software/data/infosphere/information-analyzer/>
- **InfoSphere Information Server**—A revolutionary software platform that profiles, cleanses, integrates, and delivers trusted information from heterogeneous sources to drive greater business insight faster and at a lower cost. <http://www-01.ibm.com/software/data/infosphere/info-server/overview/>
- **InfoSphere Information Services Director**—Provides data integration capabilities and information as a service to deliver trusted business information across the enterprise in real time with reusable logic. <http://www-01.ibm.com/software/data/infosphere/information-services-director/>
- **InfoSphere QualityStage**—Ensures systems deliver accurate, complete information to business users across the enterprise. <http://www-01.ibm.com/software/data/infosphere/qualitystage/>
- **Cognos Decision Stream—ETL Services**—IBM Cognos DecisionStream delivers a consistent data foundation for reporting and analysis across the enterprise. <http://www-01.ibm.com/software/data/cognos/products/series7/decisionstream/>

- **WebSphere Sensor events**—New and enhanced services supporting sensor integration solutions, leveraging the foundation of an SOA, and capturing new business value. <http://www-01.ibm.com/software/integration/sensor-events/index.html>

## A.16 IT Services & Compliance Management Services

IBM Software solutions in this area are:

- **Tivoli Security Policy Manager**—Strengthens application access, facilitates compliance, and supports operational governance across the IT infrastructure. <http://www-01.ibm.com/software/tivoli/products/security-policy-mgr/>
- **Tivoli Availability Process Manager**—Provides visibility into IT components, applications, and their business impact and furnishes the necessary tools to effectively diagnose and prioritize incidents. <http://www.ibm.com/software/tivoli/products/availability-process-mgr/>
- **Tivoli Business Service Manager for z/OS**—Provides enterprise, public sector, and service provider organizations with advanced service and process visibility in targeted, real-time dashboards. <http://www.ibm.com/software/tivoli/products/bus-service-mgr-zos/>
- **Tivoli Composite Application Manager**—Helps control hardware, software and labor costs by tracking and improving server utilization. It can increase profitability and customer end-user satisfaction by improving mean-time-to-recovery and implementing incident avoidance. <http://www.ibm.com/software/tivoli/products/composite-application-mgrproductline>
- **Tivoli ETEWatch**—Monitors a wide range of application criteria from the user's perspective, providing critical information about slowdowns long before users start complaining. <http://www.ibm.com/software/tivoli/products/etewatch/>
- **Tivoli Foundations Application Manager**—Visualize service performance and health across network devices, servers, middleware, and application components and improve service delivery quality. <http://www.ibm.com/software/tivoli/products/foundations-application-mgr/index.html>
- **Tivoli IntelliWatch Pinnacle for Distributed Systems**—Automated problem detection and correction, system-wide product configuration options, custom reporting capabilities, fault recovery, and more. <http://www.ibm.com/software/tivoli/products/intelliwatch/>
- **Tivoli Monitoring**—Manages operating systems, databases, and servers in distributed and host environments. <http://www.ibm.com/software/tivoli/products/monitor/>
- **Tivoli OMEGAMON® XE**—A family of products provides a comprehensive performance and availability solution to proactively analyze and manage operating systems, databases, or other environments for optimal performance. <http://www.ibm.com/software/tivoli/products/omegamonxeproductline>

- **Tivoli Performance Analyzer**—Understand resource consumption trends, identify problems, resolve problems more quickly, and predict and avoid future problems. <http://www.ibm.com/software/tivoli/products/performance-analyzer/>
- **Tivoli System Automation**—Helps reduce the frequency and duration of service disruptions with advanced policy-based automation to enable the high availability of critical applications and middleware running on a range of hardware platforms and operating systems. <http://www.ibm.com/software/tivoli/products/system-automationproductline>
- **Tivoli Web Response Monitor**—Captures the end user’s experience of web application availability and performance. <http://www.ibm.com/software/tivoli/products/web-response-monitor/>
- **Netcool/Proviso**—Provides a complete view of service quality and usage for both operations and customers. <http://www.ibm.com/software/tivoli/products/netcool-proviso/>
- **Tivoli Business Service Manager**—Provides enterprise, public sector, and service provider organizations with advanced service and process visibility in targeted, real-time dashboards. <http://www.ibm.com/software/tivoli/products/bus-srv-mgr/>
- **Tivoli Netcool Service Quality Manager**—Combines service quality management (SQM) and service level agreement (SLA) to manage telecommunications service quality. <http://www.ibm.com/software/tivoli/products/netcool-service-quality-mgr/>
- **Tivoli Service Level Advisor**—Designed to provide predictive service-level management capabilities. <http://www.ibm.com/software/tivoli/products/service-level-advisor/>

#### **Infrastructure Lifecycle Management for Cloud Computing:**

- **Tivoli Service Automation Manager**—IBM Tivoli Service Automation Manager enables users to request, deploy, monitor, and manage cloud computing services. It also provides traceable approvals and processes. <http://www-01.ibm.com/software/tivoli/products/service-auto-mgr/>
- **Tivoli Service Request Manager**—IBM Tivoli Service Request Manager provides an integrated service desk and catalog for a “one touch” IT experience. <http://www-01.ibm.com/software/tivoli/products/service-request-mgr/>
- **Tivoli Provisioning Manager**—IBM Tivoli Provisioning Manager helps organizations optimize efficiency, accuracy, and service delivery by automating best practices for data center provisioning. <http://www-01.ibm.com/software/tivoli/products/prov-mgr/>
- **Tivoli Usage and Accounting Manager Enterprise Edition**—With it, you can understand your costs and track, allocate, and invoice by department, user, and many additional criteria. <http://www-01.ibm.com/software/tivoli/products/usage-accounting/>



- **Tivoli Application Dependency Discovery Manager**—Helps you understand configurations, map applications, and changes, and how to address compliance measures. <http://www-01.ibm.com/software/tivoli/products/taddm/>

#### **Storage Virtualization & Management Products:**

- **IBM System Storage SAN Volume Controller**—Designed to combine storage capacity from multiple disk systems into a reservoir of capacity that can be managed more efficiently. <http://www-03.ibm.com/systems/storage/software/virtualization/svc/>
- **IBM Tivoli Storage Productivity Center Standard Edition**—Centralized management of storage systems, SAN fabrics, and capacity management. <http://www-03.ibm.com/systems/storage/software/center/standard/index.html>
- **Tivoli Storage Manager**—Protects you from the risks of data loss and helps you reduce complexity, manage costs, and address compliance with data retention and availability requirements. <http://www-01.ibm.com/software/tivoli/products/storage-mgr/>

#### **Asset Management Products:**

- **IBM Maximo® Asset Management**—An EAM software system that provides comprehensive support for your asset, maintenance, resource, and parts supply chain management needs. <http://www-01.ibm.com/software/tivoli/products/maximo-asset-mgmt/>
- **IBM Maximo Mobile Work Manager**—A mobile asset and work management software solution that enables maintenance and operations technicians to work with IBM Maximo data and processes in the field with mobile devices using various remote communication methods. <http://www-01.ibm.com/software/tivoli/products/maximo-mobile-work-mng/>
- **IBM Maximo Spatial Asset Management**—Enables users to capture, analyze, and display assets, locations, and work orders in a geospatial perspective. <http://www-01.ibm.com/software/tivoli/products/maximo-spatial-asset-mgmt/>
- **IBM Maximo Industry Solution for Utilities**—Supports work and asset management for transmission and distribution in water, gas, and electric utilities. <http://www-01.ibm.com/software/tivoli/products/maximo-utilities/>

