



IBM Informix Dynamic Server and IBM Software Group compatibility: powerful synergies for on demand computing.



Integrated software solutions for e-business on demand

Leveraging your Informix system

In a time of increasing business pressures, your role as an IT manager has become more demanding than ever. Your buying decisions face intense scrutiny, as the need to unlock value from within your IT infrastructure continues to build. Not only must your technology purchases add major new capabilities to existing investments, they also need to integrate seamlessly into your environment.

IBM understands these challenges. That's why, as part of our continued commitment to IBM Informix® Dynamic Server (IDS), IBM has enabled unprecedented integration between IDS, Version 9.4 and the IBM Software Group portfolio. Now, you can leverage a wide range of IBM solutions—all based on open standards—to enhance your IDS system and transform the way your business operates.

By combining the IDS online transaction processing (OLTP) database with IBM software, you can build a resilient e-business on demand™ operating environment capable of handling peaks in customer usage with no effect on performance. In doing so, you will be able to respond to customers with speed and agility—and with more timely and relevant information. An on demand IT infrastructure empowers you to:

- *Align your technology investments with your business strategy.*
- *React quickly to market changes.*
- *Discover hidden value in your company's procedures.*

You can begin this transformation on a small scale and start building value quickly. For example, you may want to start by integrating your IDS system with a single, unconnected process. By reinvesting the rewards in the next improvement, you'll begin a cycle of keeping your company competitive for years to come.

The path to on demand

This brochure is designed to be your guide to developing an on demand operating environment. Here you will find details on all the IBM software products that have been updated and tested to complement IDS and make your business more responsive, resilient, productive and agile. This piece covers five key areas in which you can add IBM software to realize immediate results: integration, information management, collaboration, systems administration and software process management.

Integration

Integration is the key to your on demand transformation. After all, a true on demand enterprise is an organization whose key processes are integrated end-to-end across the company and with key partners, suppliers and customers.

WebSphere® software from IBM is the enabling integration technology that can help you make this change. Using IBM WebSphere Application Server and other WebSphere software, you can rapidly integrate essential applications and extend them to the Web, thereby accelerating your key e-business initiatives and reducing your time to market. By combining the flexibility and functionality of WebSphere technology with the power of IDS, you can create a complete platform for high-volume, secure online transactions.

Extending critical applications to the Web

WebSphere solutions now available for IDS

Product	Description
IBM WebSphere Application Server	WebSphere Application Server is a high-performance, scalable transaction engine for dynamic e-business applications. It allows companies to deploy a core operating environment that works as a reliable foundation capable of handling high-volume, secure transactions and Web services.
IBM WebSphere Application Server – Express	WebSphere Application Server – Express offers a cost-effective, out-of-the-box solution for managing simple yet dynamic Web sites with a streamlined Web application server and development environment.
IBM WebSphere Application Server – Enterprise	WebSphere Application Server – Enterprise provides a next-generation application server that accelerates application development and enables dynamic application flexibility.
IBM WebSphere Application Server for z/OS®	WebSphere Application Server for z/OS delivers a Java™ 2 Platform, Enterprise Edition (J2EE) application server specifically optimized to utilize the IBM zSeries® hardware and the z/OS operating system.
IBM WebSphere Studio	WebSphere Studio provides an open, comprehensive development environment for creating Web applications that tightly integrate with IDS. WebSphere Studio is being enhanced with the popular Informix 4GL language to provide best-of-breed RAD (Rapid Application Development) capabilities with IBM databases.
IBM WebSphere Studio Site Developer	WebSphere Studio Site Developer is a robust, easy-to-use development environment for building, testing and maintaining dynamic Web sites and Web services.
IBM WebSphere Studio Application Developer	WebSphere Studio Application Developer is an integrated development environment for building, testing and deploying applications based on J2EE technology and Web services.
IBM WebSphere Studio Enterprise Developer	WebSphere Studio Enterprise Developer brings the power of rapid J2EE application development to diverse enterprise environments.
IBM WebSphere Portal	WebSphere Portal allows you to integrate any application based on Informix technologies, including those developed with Informix 4GL, into a single portal framework.
IBM WebSphere Portal - Express	WebSphere Portal - Express helps small and mid-size businesses easily deploy sophisticated portals for employees, trading partners and customers.
IBM WebSphere MQ	WebSphere MQ enables easy information exchange across different platforms, integrating existing business applications in the process.



Achieving success in an on demand world

IDS and WebSphere Bundles

IBM now offers IBM Informix and WebSphere bundles. Combining IDS, Version 9.4 and WebSphere products, the bundles provide a smooth, affordable upgrade path from IDS, Version 7 to the latest release. The bundles ship as:

- *IBM Informix and WebSphere Enterprise Bundle, which consists of IDS, Version 9.4 Enterprise Edition Unlimited, IBM WebSphere Application Server and IBM WebSphere Studio Application Developer.*
- *IBM Informix and WebSphere Workgroup Bundle, which consists of IDS, Version 9.4 Workgroup Edition and IBM WebSphere Application Server - Express.*

Information Management

DB2® information management software from IBM helps you deliver information on demand—and in realtime—by ensuring that your data is uniform and easily accessible. By combining DB2 products with IDS, you can securely collect, analyze and distribute data across all platforms. The software also allows you to mine IDS data to gain knowledge and insight into your business, make better decisions and strengthen your competitive advantage.

DB2 information management software now available for Informix

Product	Description
IBM DB2 Content Manager	DB2 Content Manager integrates all forms of content across diverse business processes and applications, enabling customers to achieve a lower cost of ownership and deliver new, powerful information and services. (Requires Content Media's Enterprise Content Integration for Informix, which enables users of DB2 Content Manager to view, access and retrieve content within an Informix application.)
IBM DB2 Information Integrator	DB2 Information Integrator delivers a foundation for e-business on demand, providing companies with integrated, realtime access to diverse and distributed information.
IBM DB2 Information Integrator for Content	DB2 Information Integrator for Content is an information integration infrastructure that allows users to access data and content from multiple sources.
IBM DB2 Table Editor	DB2 Table Editor quickly and easily accesses, updates and deletes data across multiple database platforms.
IBM DB2 Web Query Tool	DB2 Web Query Tool connects users directly to multiple enterprise databases, enabling complex querying, data comparisons and customized presentations.
IBM DB2 DataJoiner®	DB2 DataJoiner makes diverse and distributed relational databases appear as a single database, and supports replication among mixed relational databases.
IBM DB2 Life Sciences Data Connect	DB2 Life Sciences Data Connect integrates genetic, chemical, biological and other data from distributed sources.

Collaboration

A true on demand business empowers its employees, customers and partners to collaborate easily and flexibly anywhere and anytime, using whatever application they choose. Lotus® software from IBM helps companies leverage the collective knowledge of their employees—and extend that “know-how” to suppliers and customers—by bringing people together with messaging, calendaring, scheduling and collaborative applications. Lotus and IDS work seamlessly together to integrate the desktop with the back office, including your IDS applications.

Lotus software now available for Informix

Product	Description
IBM Lotus® Notes®	Lotus Notes combines enterprise-class messaging, calendaring and scheduling capabilities with a robust platform for collaborative applications.
IBM Lotus Domino®	Lotus Domino provides a multi-platform foundation for collaboration and e-business, driving solutions from corporate messaging to Web-based transactions.

Systems Management

For all its benefits, the e-business model has created huge challenges for IT managers. For example, a single Web-based software program can contain more than a million lines of code, while a single network may connect thousands of devices from scores of manufacturers. Tivoli® software from IBM helps you manage, integrate and automate e-business infrastructures. Tivoli products address the critical issues of Web security, storage management and pervasive computing, increasing the efficiency and effectiveness of your IDS system.

Tivoli software now available for Informix

Product	Description
IBM Tivoli Storage Manager for Databases	Tivoli Storage Manager for Databases works seamlessly with IDS to fully automate IDS backups.
IBM Tivoli Monitoring for Databases	Tivoli Monitoring for Databases helps increase database availability, providing proactive alerts to potential problems before they arise.



Software Process Management

The consumer expectations and market dynamics that drive the migration to e-business on demand require a higher level of responsiveness and agility from the software operating environment. Software maintenance and development teams must be ever-more innovative to keep their businesses ahead of the competition. To support the on demand business and its operating environment, business software applications must:

- *Adapt quickly to external threats.*
- *Support high reliability and scalability.*

Rational® software from IBM offers a comprehensive software development solution based on these imperatives. The Rational platform combines software engineering best practices with market-leading tools, driving rapid and continuous improvement in software development capability for on demand businesses. (Rational products have not yet been certified for use with IDS.)

Rational products now available for Informix

Product	Description
IBM Rational Unified Process®	Rational Unified Process (RUP) combines a core set of industry-proven best practices with optional process plug-ins to support development projects of any size or scope.
IBM Rational XDET	Rational XDET, a complete visual design and development environment, offers software developers a model-driven development approach to building applications, including Web-centric solutions.
IBM Rational XDE™ Modeler	Rational XDE Modeler enables architects and designers to produce platform-independent Unified Modeling Language (UML) models of software architecture, business needs, reusable assets and management-level communication.
IBM Rational XDE Developer	Rational XDE Developer, a complete visual design and development environment, allows users to work in a single environment, thereby avoiding the need to switch between numerous, different, nonintegrated tools.
IBM Rational ProjectConsole	Rational ProjectConsole, an integral part of every IBM Rational Suite, helps monitor project progress, identify trends and improve project predictability by creating a Web site with assets and metrics automatically collected from your development environment.
IBM Rational Suite AnalystStudio	Rational Suite AnalystStudio is a powerful, integrated set of tools for business, application and data modeling requirements.
IBM Rational RequisitePro	Rational RequisitePro, a powerful, easy-to-use, integrated product for requirements and use-case management, promotes better communication, enhances teamwork and reduces project time.
IBM Rational Suite Enterprise	Rational Suite Enterprise is designed for development managers and those practitioners who may perform more than one function and need the most comprehensive set of Rational software development life-cycle tools at their fingertips.
IBM Rational Suite DevelopmentStudio	Rational Suite DevelopmentStudio brings together IBM's award-winning development tools in a single, powerful package, enabling users to more quickly build comprehensive software applications.
IBM Rational Suite DevelopmentStudio RealTime	Rational Suite DevelopmentStudio RealTime is a complete life-cycle solution for team-based development of embedded, realtime and other types of cross-platform applications. It is designed to support team development of applications written in Java, C and C++.
IBM Rational Rapid Developer	Rational Rapid Developer is a single, integrated application development environment that combines model-driven development, architected RAD techniques and automated construction to develop, integrate, deploy and maintain high-quality n-tier business applications.

Product	Description
IBM Rational Rose®	The Rational Rose family of award-winning, model-driven development tools is the preferred modeling environment for IBM VisualAge® for Java, Microsoft Visual Studio 6.0, Borland JBuilder and other Java, C++ and Ada integrated development environments.
IBM Rational Rose RealTime	Rational Rose RealTime provides a comprehensive visual development environment that delivers a powerful combination of notation, processes and tools to meet all types of software development challenges.
IBM Rational Apex	The Rational Apex family is an integrated development environment for complex Ada applications, supporting Ada 95 and Ada 83.
IBM Rational Suite TestStudio®	Rational Suite TestStudio automates regression, functional and performance testing and provides background runtime analysis for increased product reliability.
IBM Rational XDE Tester	Rational XDE Tester is the tool of choice for quality assurance professionals who perform functional and regression testing of Java and Web applications.
IBM Rational TeamTest	Rational TeamTest extends IBM's functional and regression testing solution with complete load testing capabilities, defect and change tracking, and test management.
IBM Rational Test RealTime	Rational Test RealTime is a complete component testing and runtime analysis toolset for embedded, realtime and other cross-platform applications.
IBM Rational TestManager	Rational TestManager provides control, management and reporting of all test activities—including manual testing—from a single, central point.
IBM Rational PurifyPlus™	The Rational PurifyPlus family is a runtime analysis solution that helps developers write faster, more reliable code. This family of tools provides developers with the ability to proactively detect runtime errors, profile memory and performance, and identify untested code.
IBM Rational Robot	Rational Robot has long been the industry leader for automated functional testing, including regression and smoke testing. It is now the first tool to provide full native support for functional testing of .NET applications.
IBM Rational ClearCase®	Rational ClearCase tracks changes to every file and directory, maintaining complete, annotated version histories of source code, binaries, executables, documentation, test scripts, libraries and Web assets.
IBM Rational ClearCase MultiSite	Rational ClearCase MultiSite is the only proven, high-performance solution for geographically distributed project teams.
IBM Rational ClearQuest®	Rational ClearQuest, the most flexible defect- and chang-tracking tool on the market today, will help you meet these challenges so you can efficiently capture, track and manage any type of change.
IBM Rational SoDA®	Rational SoDA leverages the industry's most popular publishing tools—Microsoft Word and Adobe FrameMaker+SGML—making adoption straightforward.

Why IBM?

IBM has the software portfolio, industry insight and depth of experience to help you create an on demand environment centered on your IDS database. Not only do we understand how IT and business processes interact, we are experts on implementation. And since we've spent years putting demand business technologies to work in our own company, we have first-hand experience of the challenges and the rewards that come when you transform your business. Interested? Contact us today and we'll get you on the fast-track to on demand.

For more information

Please contact your IBM marketing representative or an IBM Business Partner, or call 1-800 IBM CALL within the US. For further details on IDS products, visit: ibm.com/software/data/informix/ids/





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Software Group
Route 100
Somers, NY 10589
U.S.A.

Printed in the United States of America
04-04
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 Printed in the United States on recycled paper containing 10% recovered post-consumer fiber.

