

Informix Foundation.2000

DATA SHEET

The Internet is a data-driven phenomenon. How do you extend the reach of your enterprise to the Internet and still manage costs? How do you transform your business data into Web content? How do you leverage your data to make your company more competitive?



Foundation.2000 is the first server platform designed 100 percent for the Internet.

You start with an inherently extensible application foundation, Informix[®] Foundation.2000[™].

Optimized for managing both rich Web content and business-critical transactions, Foundation.2000, which includes Informix Dynamic Server.2000[™], delivers both the functionality and enterprise reliability that will transform your business into an e-business.

Foundation.2000 is specifically designed to work the way the Internet works: seamlessly integrating legacy data with new content, and transparently supporting popular Internet development standards such as Java, XML, and HTML.

Adapt Your Business to the Internet at Your Own Pace

The Internet changes everything. But for data-driven applications, the world has become more complex.

Internet deployments are resource intensive and reduce operational efficiency, just where it's needed the most, at the transaction level. And, simply having the best transaction engine isn't enough any more—reliable, scalable and available data management is an essential part of the solution. But the Internet means content as well as data. In order to succeed, you need a standards-based engine, easily administered, that scales to manage all your data and all your content, and hides the complexity of Internet development.

Foundation.2000 provides you with the comprehensive tools and data integration solutions you need to build and deploy flexible Internet systems faster, better, and at the lowest cost.

Foundation.2000 consists of:

- Informix Dynamic Server.2000 (IDS.2000)
- J/Foundation[™]
- Web DataBlade® module
- Text DataBlade module
- Informix Office Connect[™]
- Object Translator™

Informix Dynamic Server.2000

The industry-proven, no-compromise database engine Informix is renowned for. IDS.2000 delivers the best in object-relational technology for managing rich content, and for storing complex business rules in the server.

Informix J/Foundation

Part of Foundation.2000, Informix J/Foundation integrates Java, the programming language of the Internet, with an open, flexible, embedded Java Virtual Machine (JVM) environment.

Informix J/Foundation achieves high scalability and performance by executing Java applications directly in the server. But it's simply not enough to have a fast JVM architecture. In addition to performance, the J/Foundation is designed for choice and compatibility. Rather than building a single, proprietary JVM, Informix J/Foundation embeds the best JVM available on your chosen platform. In this way, Informix delivers 100 percent Java component compatibility, allowing you to deploy your Java applications across all tiers in your network, which guarantees 100 percent compatibility with the Java standard now and in the future.

Informix Office Connect

Informix Office Connect simplifies the task of retrieving data from a database and visualizing it in Microsoft Excel worksheets. It allows Excel developers without any knowledge of SQL or understanding of database technology to create high-performance worksheet solutions that incorporate Java.

Informix Object Translator

Informix Object Translator is an advanced solution for building object-relational mappings that can be used to connect objects with enterprise data. Visual Basic or Java developers deal with objects in the manner to which they are accustomed, without having to deal with SQL programming via low-level APIs like ODBC or JDBC. In fact, the developer is largely unaware that the state of their objects is being maintained in a remote enterprise database.

Object Translator combines an easy-to-use, drag-and-drop development paradigm with a powerful runtime platform that optimizes your data access to provide the best of both worlds: a rapid application development environment and sophisticated, automated data access and manipulation. In addition, Object Translator's open, extensible development architecture gives your organization the ability to leverage the programming environments already in use by your developers.

Informix Web DataBlade

Using the Web DataBlade module, complex CGI scripting is no longer needed to create dynamic, data-driven Web pages. By tagging and dynamically executing SQL statements within the server, the Informix Web DataBlade module provides the most flexible method for transforming your business-critical data into rich content-driven applications.

Excalibur Text DataBlade Module

The Excalibur Text DataBlade Module provides full-text searching directly inside the database engine for documents and text fields in virtually any format that contains ASCII and ISO characters. Fuzzy-search abilities allow users to find data regardless of errors in data entry that would otherwise go unnoticed with standard text searches. Boolean, phrase, and synonym searching allow users a wide range of capabilities in customizing their queries. This DataBlade module supports any language, word, or phrase that can be expressed in an 8-bit, single-byte character set. Formatted documents such as PDF, MS Word, and HTML can be filtered prior to indexing.

Foundation.2000 Delivers Recordbreaking Performance with Informix MaxConnect

MaxConnect[™] is Informix's connection server, which improves system scalability and performance by increasing the number of users that can be simultaneously connected to the Informix database server. In a client/server environment, client connections use system resources on the database server. Hundreds of database client connections can use a significant percentage of CPU time and system resources, thereby causing poor response times and increased CPU utilization.

Informix MaxConnect moves the management of user connections away from the Informix database server, by multiplexing client connections to a much smaller number of network connections. This significantly reduces operating requirements on the database server and thereby greatly increases the system scalability. In a Baan world record benchmark, over 18,650 connections were managed by MaxConnect, resulting in a consistent response time from 300 to 11,445 Baan Reference Users.

Technology Matters...

Foundation.2000 is the only comprehensive server platform designed for rapid and costeffective Internet application development and deployment.

With support for all Internet development standards, Foundation.2000 is the only platform that lets you integrate data with content, content with business logic, and business logic with powerful transaction management.

Foundation.2000 delivers a truly scalable platform that grows with your business and adapts to your changing business requirements in Web time.

About Informix

Informix Software is the technology leader in software infrastructure solutions for the Internet—providing a fast, simple and complete way to bring businesses to the Web. Based in Menlo Park, Calif., Informix is the first and only company to integrate e-commerce and business intelligence on a true Internet infrastructure. The company's highly scalable Web engines, together with its personalized content management, real-time analytics and media asset management capabilities, offer customers a unique competitive advantage. For more information, contact the nearest sales office or visit the Web site at www.informix.com.



INFORMIX REGIONAL SALES OFFICES

4100 Bohannon Drive	Asia Pacific	65 298 1716	Japan	81 3 5562 4500	
Menlo Park, CA 94025	Canada (Toronto)	416 730 9009	Latin America	305 591 9592	
Tel. 650.926.6300	Europe/Middle East/Africa	44 208 818 1000	North America	800 331 1763	
www.informix.com	Federal	703 847 2900		650 926 6300	

© 2000 Informix Corporation. All rights reserved. The following are trademarks of Informix Corporation or its affiliates, one or more of which may be registered in the U.S. or other jurisdictions: Informix*, way to web", Informix Foundation.2000", Informix Dynamic Server.2000", Office Connect", J/Foundation", Object Translator", MaxConnect", and DataBlade*.

Printed in U.S.A. 6/00 000-22159-74