



4th Dimension 2003 – New Features to Help Your Business Stay Ahead

New Report Engine

New report types available

- Easily generate a wider variety of customized reports including:
- Cross-tab reports - horizontal and columnar summation (For example, totaling revenue by sales period and products.)
 - List reports - columnar summation

New formatting features

- Powerful options for formatting
- Present data with more flexibility (For example, setting colors for rows.)

Faster data access

- Get to the data you need more quickly and easily
- Automatically access data from related tables

Direct output to HTML and XML formats and more

- 4th Dimension 2003 offers full support of technology standards including HTML and XML (eXtensible Markup Language)
- Receive and send reports via the Web, 4D View, and Web services with new options

Save time & add flexibility with HTML report templates

- Easily modify the appearance of reports by using HTML report templates
- Create HTML templates using your preferred HTML editor (Macromedia Dreamweaver™, Microsoft FrontPage™, etc.)

Application Integration and Web Services

4th Dimensions 2003's commitment to technology standards, including support for Web Services

- Support for SOAP (Simple Object Access Protocol) as both a client and server – information can be exchanged, regardless of platform
- Support for XML data exchange, including XML import/export capabilities

- Compatible with .NET or any other Web service platform - integrate data from 4th Dimension applications with other Web service enabled applications
- Seamlessly integrate existing 4th Dimension databases with Web services technology - virtually no re-development is required

New Printing Features

- Programmatically choose printer and printer trays
- New commands to determine "best object size" for even more control over the positioning of items on printed pages
- Side-by-side variable text printing



- Added flexibility to the Print form command
- Gain greater control of "orphans" while printing

Fast, Easy Development

Increased developer efficiency

- New method editor improves developer efficiency
- Integrated compiler keeps development processes hassle-free

Shorter development times = cost savings

- Benefit from shorter development times with new developer features

COMPANIES, INSTITUTIONS AND WEB SITES THAT USE 4TH DIMENSION TECHNOLOGIES

Corporations

- Hewlett-Packard
- Apple Computer
- United Airlines
- KPMG Consulting
- General Motors
- Deloitte Touche Tohmatsu
- Goldman Sachs
- And many more

Government Agencies

- NASA
- US Navy
- U.S. Department of Commerce
- U.S. Air Force
- And many more

Universities

- Dartmouth College
- New York University
- Johns Hopkins University
- University of California
- Stanford University
- And many more

Web Sites

- Husqvarna Forest & Garden Co.
- The Fine Arts Museums of San Francisco
- DavidLynch.com
- And many more

More information at:
www.4D.com

SYSTEM REQUIREMENTS

WINDOWS

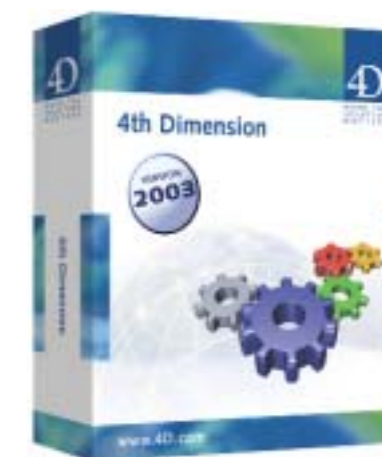
- Pentium II minimum
- Windows 98 (SE), ME (64 mb RAM minimum)
- Windows 2000, XP (128 mb RAM minimum)
- 800 x 600 resolution or higher
- Compatible with Citrix Meta Frame and Windows Terminal Server

MAC OS

- G3 or better processor
- Mac OS X 10.2.2 or higher (128 mb RAM minimum)
- Mac OS 9.2.2 with CarbonLib 1.4 (64 mb RAM minimum)
- 800 x 600 resolution or higher

The Cost-Effective Solution for Powering your Business

As an executive, you know what your business needs to run smoothly and efficiently. As a user of 4th Dimension, you've come to rely on the strength and versatility of database and Web applications that work for you. Building upon over eighteen years of experience in the creation of reliable application development tools, 4D invites you to take your business's technologies to a new and even more powerful level with 4th Dimension 2003. This groundbreaking new tool gives you a comprehensive set of integrated features that are designed to save your business money.



4th Dimension 2003: See Results in Productivity and Savings

As your business grows, so do the demands on your data management technologies. But just because your needs grow doesn't mean your solution needs to become more complex or costly. 4th Dimension 2003 has been designed to seamlessly extend your current 4th Dimension solution, which means taking advantage of the latest features is both easy and affordable. With virtually no re-development required, 4th Dimension 2003 gives your business a competitive edge by contributing to real-cost savings, an increase in productivity, and a growth in new business opportunities.

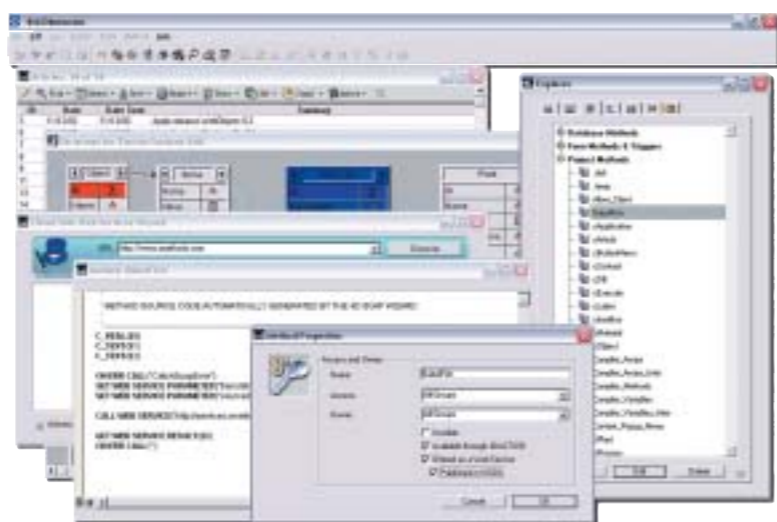
New Report Engine - Create customized reports on your own

The new report engine in 4th Dimension 2003 enables you, as a user, to generate more customized reports on your own. This power and independence translates into considerable savings since there is less need for you to rely on a developer to get the results you need from your data. Moreover, you'll no longer need to wait for a developer to finish other projects, so you can count on getting the data you need immediately.

The latest features in the report engine also save you time, increasing your business's productivity. An enhanced Quick Report Editor gives you versatile ways to generate different reports quickly. You can also create comprehensive reports with ease, including cross-tab and list reports. There's no longer a need to wait for external expertise to help you get where you need to be.

New business opportunities are just around the corner with 4th Dimension 2003. Whether you're interested in analyzing product performance or understanding your customers' purchasing patterns, 4th Dimension 2003 ensures that you have the capabilities to garner the most useful data, enabling you to focus on your most important customers, while gaining new ones.

4th Dimension 2003 also ensures that your technologies are up-to-date with the latest standards of transferring data. XML, or eXtensible Markup Language, is fast becoming the de facto standard way of transferring data from application to application. For example, with support for the XML format, 4th Dimension 2003 data can be transferred into Microsoft Office™ 11 in a native format.



Application Integration - Data management with no boundaries

Chances are, your business utilizes a wide variety of applications to handle its data, applications that were developed in response to a number of specific, often short-term business needs. But what happens to business processes when the information you need is stored in a large number of different applications? Identifying customers and relevant information becomes difficult, time-consuming, and costly.

A major enhancement in 4th Dimension 2003 is support for application integration through Web services technology. Simply put, Web services give your applications the ability to integrate and "talk" with each other, regardless of platform, programming language, or vendor. Different applications that were once not operable with each other can now reuse each other's data and functionality. With Web services, you have the ability to generate reports from 4th Dimension to

FEATURE COMPARISON CHART

	v 6.5	v 6.7	v 6.8	2003
ADVANCED REPORTING FEATURE				✓
WEB SERVICES SUPPORT				✓
ENHANCED PRINTING CAPABILITIES				✓
WINDOWS XP/ MACOS X SUPPORT			✓	✓
OPTIMIZED SEARCHING		✓	✓	✓
WEB SERVER MANAGEMENT	✓	✓	✓	✓
WEB/DATABASE INTEGRATION	✓	✓	✓	✓

Microsoft Excel™, access enterprise applications such as SAP and PeopleSoft, and utilize external Web services such as FedEx Tracker. Application integration gives you increased productivity, a quick way to generate a variety of results, and more efficient business processes.

New Printing Features - Printing your way

By providing new and enhanced printing capabilities, 4th Dimension 2003 gives you more flexible printing options. Printers and printer trays can now be chosen programmatically. For example, when printing a customer letter, you may want to print labels from tray one and your data-driven letter on tray two. 4th Dimension 2003 will allow you to perform these tasks with ease.

New Development Features - Increased productivity and cost savings

4th Dimension 2003 provides a number of new enhancements for developers, which translates into

hassle-free, quicker development processes and more cost-effective solutions for you. Whether you have an in-house or custom developer creating your applications, you'll benefit from the increase in developer productivity that results from these new capabilities.

Secure Your technology Investments for the Future

Upgrading to 4th Dimension 2003 is an easy process that will bring your business a number of significant benefits. Virtually no re-development is required to make your existing 4th Dimension applications Web service-enabled, and for those that do have to be changed, just a single line of code will allow the technology to be called as a Web service. Developers can work more quickly when creating customized solutions, and as a business executive, you can rest easy knowing that your 4th Dimension application will integrate with any current or future applications in a manner that is both easy and affordable.

ABOUT 4D

Businesses of all types and sizes, from single-person operations to Fortune 500 companies, use 4th Dimension products to manage their data with power and efficiency. 4D is the first company to offer a single, integrated database and Web development tool capable of designing cross-platform, standalone, multi-user and Web server applications with just one set of code. Whether you want to run an application on your desktop or enable co-workers or clients to access information via a server/client setup, a single tool can be used to accomplish all of your needs. In addition, the comprehensive and complimentary development technologies of 4th Dimension allow users to produce complex Web sites without purchasing additional tools and to migrate easily from single-user to client-server to Web-based and now Web service enabled applications.