omnis.studio

Build Applications for your Enterprise or the Web, quickly and easily

Omnis Studio is one of the most powerful and cost-effective Rapid Application Development (RAD) tools available today. It allows you to create multi-tier, enterprise and web applications under Windows, Linux, Solaris, and Mac OS for companies and organizations of any size.

Using Omnis Studio, you can create form-based client applications that access all leading server databases, including Oracle, Sybase, DB2, Informix, and MySQL, as well as JDBC and ODBC compliant databases such as MS SQL Server. Omnis Studio is optimized for multi-tier and web-based application development and provides all the tools to create the solutions you need for your business or organization.

Omnis Studio has many ready-made web and data-driven components, but it can be extended to support other technologies including XML, .NET, Java, and Windows CE clients. Using Omnis Studio you can integrate all your existing systems and database servers into one easy-to-use environment and incorporate new systems when the need arises.

What can Omnis Studio do for you?

Whether you are a solution provider or VAR, an independent software developer or IT consultant, or someone working in an IT department, Omnis Studio has the power and functionality to create the solution you or your clients need.

For Solution providers or VARs

As a Solution provider or VAR you are used to great business ideas and succeeding in your market, so you probably demand the same level of innovation and success from your development tools. Omnis Studio has all the capabilities to help you create market-leading solutions for your chosen vertical market. With its leading-edge technology and speed of development, Omnis will allow you to create new opportunities, sell more products, and increase revenues, driving the success of your business forward.

For Independent IT consultants and software developers

Omnis Studio lets you create bespoke solutions for your clients, either on your own or in a team. When you are working closely with a client, Omnis allows you to prototype and adapt your application quickly and easily. The flexibility and speed of development in Omnis lets you meet your clients' needs at all stages of a project, from initial brief to deployment and throughout the life time of the application.

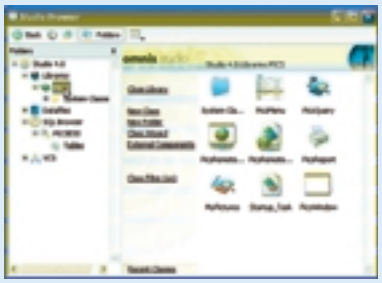
For In-house developers and programmers

With Omnis Studio you can create all types of in-house systems for your company and expand them when you need to. Using Omnis Studio, you can make your company systems more efficient, saving time and money on development, deployment and maintenance. Ultimately, Omnis Studio lets you do more with less, satisfying your project objectives, and your boss!

For Small Businesses, Students or Home users

Omnis Studio is well adapted to small business, educational or home use and lets you build all types of small-scale applications in a fast and efficient way. The wizards and templates in Omnis accelerate development and allow you to learn about creating applications in a modern, component-based environment. You can download a trial version of Omnis Studio from our web site and there you'll also find many hints and tips to help you build your first application.

DLA Technology



- **Build powerful, leading-edge solutions for all types of industries and market sectors.**
- **Save money by developing your application in less time and with fewer resources.**
- **Prototype and build your solutions in one integrated, component-based environment.**

www.omnis.net

What do our customers say about Omnis?

"The outstanding productivity of the Omnis web client technology enabled us to develop [our products] in a short time and with relatively few resources: we would not have been able to achieve such high functionality and performance over the web with any other development environment."

- Holger Küchenmeister, Developer, AKCENT Computerpartner Deutschland AG, creator of Europe's largest online software & hardware wholesale catalog

Dynamic Data Access

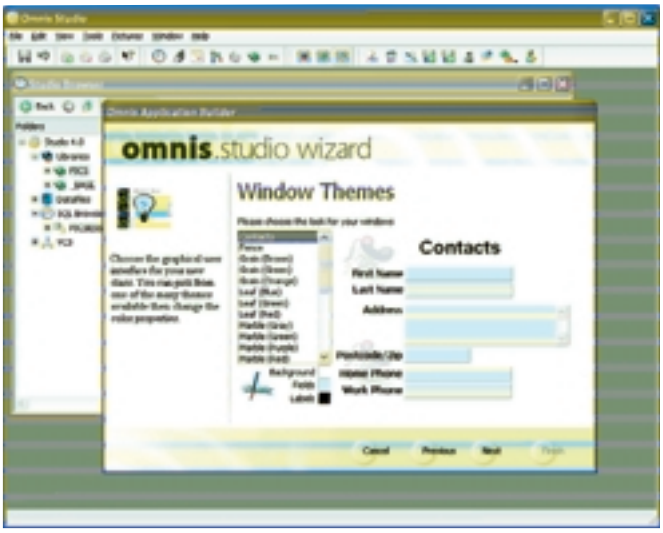
With Omnis Studio you can access data from almost anywhere. This means you can take your existing information resources as the starting point for business development and integrate them with new systems, now and in the future. This makes it much easier to monitor and control data sources and allows you to roll out systems more quickly to take maximum advantage of new opportunities.

The Omnis Studio Data Access Modules (DAMs) provide dynamic access to most leading server databases including Oracle, Sybase, Informix, DB2, and MySQL, as well as JDBC and ODBC compliant databases such MS SQL Server. From within one integrated development environment, the Omnis SQL Browser lets you access all types of database servers, and ensures that your application is portable across a changing landscape of data sources. For example:

- Access Oracle, Sybase, DB2 and other databases directly using the same set of tools and functions.
- Move objects from one database to another using drag-and-drop capabilities.
- Use Omnis Studio's own database to store data locally.

Omnis Development Tools

Omnis Studio has the tools that drastically reduce development time and help maintain a common GUI. The Property Manager lets you examine any object and change its appearance and behavior, while the Notation Inspector allows you to examine all the objects in your application.



Omnis Studio has many class templates and wizards that let you quickly create windows, reports, menus, and toolbars.

Component Integration

The Component Store offers a single source of Omnis and third-party external components that you simply drag-and-drop onto your application. Whether it's Java Beans, ActiveX, or Omnis, the Store lets you integrate and optimize all types of components, for deployment anywhere.

Flexible Report Writer

Omnis Studio offers wizards and built-in report objects that let you create graphical data and charts in many popular formats, including HTML.

SQL Browser

The SQL Browser lets you access your server database and modify its table structure. Special SQL classes in Omnis let you manipulate your server data using standard methods such as select, fetch, insert, and update.

Built-in Database

Omnis Studio includes its own database that provides a secure data storage system for your LAN-based applications, as well as a temporary data cache for your client/server applications.

Powerful 4GL

Omnis Studio combines a powerful 4GL and its own "dot notation", which is a hierarchical language that lets you manipulate any object down to its individual properties, methods, and events.

Comprehensive Debugger

Omnis Studio gives you the best and most comprehensive set of debugging tools available today. Omnis Studio's hybrid compiled/interpreted code execution lets you toggle between design and runtime modes, constantly testing your work.

Version Control System (VCS)

Version Control System (VCS) is a powerful plug-in to Omnis Studio that provides complete library and component storage, version tracking, and application deployment. The Omnis VCS gives you complete control over your project and product deployment. The Omnis VCS provides a single hub for managing your development process, allowing efficient and successful deployment of your application.

The Omnis VCS documents change object-by-object and build-by-build. If necessary, you can roll back individual changes to restore previous revisions. The Omnis VCS:

- Reports all code changes allowing you to manage development across the team.
- Allows team members to develop on their chosen platform without object modification.
- Has a central repository for all objects; components can be accessed and reused in any Omnis application, on any platform, saving you time and maintenance costs.

Omnis Studio is Optimized for Delivering Applications to the Web

Using Omnis Studio you can create all types of business applications including e-commerce, supply chain solutions, personal and customer relationship management, and company resource planning, to name a few, and to provide them via the web.

Run sophisticated solutions with confidence. The web development capabilities of Omnis Studio offer the power and sophistication of the Omnis Server and its ability to meet your e-business challenges.

Omnis Web Client

In the broader context of the business-to-consumer market, you can use the Omnis Web Client and Server to create web sites that deliver all types of services including online banking and shopping, travel and leisure information, picture and photo libraries, and numerous others.

The Omnis Web Client delivers powerful web-based solutions over all common connections from 56K and higher. Rich, functionally sophisticated applications are easily implemented and integrated with your existing systems.

Enhanced Web Application Development

- The Omnis Server is multithreaded allowing web client requests to be processed and shared simultaneously, thus making your web applications handle increased traffic.
- Omnis Studio will scale either as a traditional client/server, or as an Application Service Provider (ASP) model. Omnis Studio is the answer in single user start-ups or enterprise level organizations.
- Client scripting allows you to execute methods on the client rather than the server, optimizing and enhancing the client interface.
- Web components have been added, including tree list, slider, progress bar, roll button, icon array, marquee, animated gif, and more; Studio now has over 30 web components for remote forms.
- Automated signed installers download and install the web client on the user's machine saving time and ensuring users stay with your site (for Windows only).
- The web client plug-in and any out-of-date web components are updated automatically when the client first accesses your web application, so clients never need to worry about updating their system.

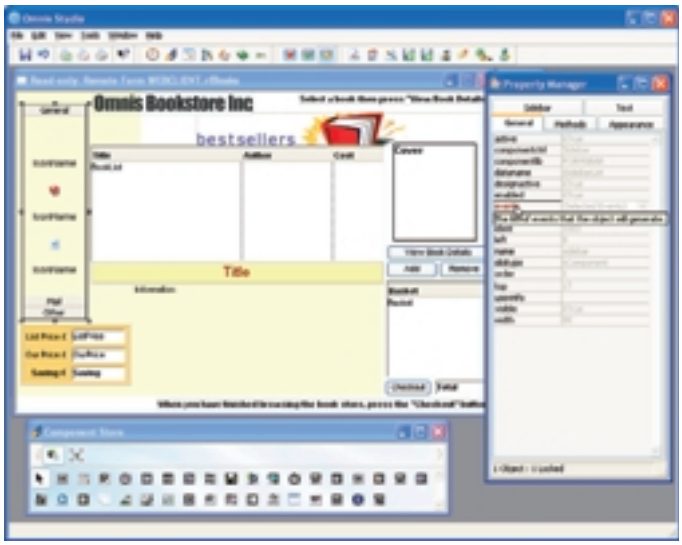
More comments from our customers…

"We view Omnis as a key part of our toolkit in providing innovative solutions, and have relied on its ability to deliver functional systems on-time and on-budget since the mid-1990s."

- Brian O'Sullivan, Senior Developer
  DuPont Performance Coatings, USA

"Omnis has been the ultimate development tool for us to deliver what our clients demand - fast paced, responsive development..."

- David Blaymires, Managing Director
  DB Developments Pty Ltd., Australia



Omnis Studio lets you drag and drop components from the Component Store onto a web form and modify them using the Property Manager.

Multi-threaded Server

The multi-threaded Omnis Server can process multiple web client requests simultaneously. This allows smoother allocation of available processor time, improving the user experience on the client. The pooling mechanism allows a balance to be struck between performance and server resources.

The Omnis Server will run under Windows NT/2000, XP, Linux, Solaris, and Mac OS X and requires a standard web server to serve HTML pages containing your embedded application.

Load Sharing Provides Optimized Performance

The Omnis Server supports load sharing, which allows a pool of multi-threaded server processes (running on one or more machines) to serve clients, improving the server performance.

Execute Scripts on the Client

You can specify that a remote form method is to run on the client rather than the server. Client method execution optimises your application and client interface, avoids the overhead of sending events between the client and server, and reduces the workload on the server. Many types of methods can be executed on the client including simple calculations, changes to the client interface, and simple looping.

omnis.studio

For the rapid development of web applications and information management solutions...

Omnis Studio provides fast, low cost development, an advanced and easy-to-use environment, and a far greater return on investment than many other development tools on the market. Omnis Studio is optimized for multi-tier, web-based application development and allows you to integrate all your current applications and data storage systems, regardless of platform, vendor or the complexity of your information management requirements.

Whatever the future brings, Omnis Studio can integrate all new and emerging technologies and standards, such as wireless computing and XML, allowing you to react quickly to new business opportunities and stay one step ahead of your competitors.

System Requirements

The minimum requirements for development in Omnis Studio are as follows:

Windows:
Pentium processor, 128 MB RAM recommended, CD-ROM drive, and 70 MB free hard disk space, Windows NT 4.x, Windows 2000, or Windows XP.

Linux:
Pentium processor, 128 MB RAM recommended, CD-ROM drive, 60 MB free hard disk space, and a Video card capable of supporting more than 256 colors, Redhat 6.1 through 9.x, or SuSE 6.3 through 8.2. Omnis Studio should run on other Linux distributions that have 2.0 or higher kernel, and xfree86 3.3.4 or higher.

Deployment:
You can deploy Omnis Studio applications under NT/2000, XP, Linux, Solaris, Mac Classic, and Mac OS X. For deployment on the desktop or LAN, the Omnis Runtime engine requires less hard disk space and 32/64 MB RAM depending on your application. The Omnis Server, for running Omnis web applications and the Omnis web client, will run under Windows NT/2000, XP, Linux, Solaris, and Mac OS X.

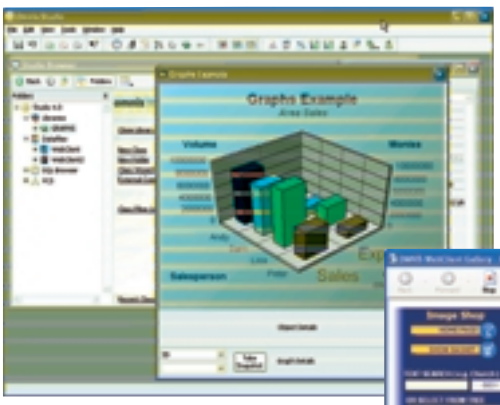
Solaris:
SPARC, 128 MB RAM recommended, Sun Solaris 8, CD-ROM drive, 80 MB free hard disk space.

Mac OS X:
PowerMac G5, G4, iMac, PowerBook, iBook, or G3, 128 MB RAM recommended, Mac OS X version 10.3, CD-ROM drive, and 70 MB free hard disk space.

Omnis Training and Support

The DLA Group offers an extensive range of technical support, training and professional services that are unrivaled in today's rapidly evolving development tools market.

For further information about Omnis Studio visit **www.dlagroup.com.au, www.omnis.net**



This image database uses the Omnis web client to display the application in a web browser: view this example application, and many others, on www.omnis.net

DLA Technology

Contact Details
www.dlagroup.com.au
www.omnis.net

1. Australia, New Zealand & South East Asia
The DLA Group
469 Darling Street
Balmain NSW 2041
AUSTRALIA
Tel: +61 2 9555 4777
Fax: +61 2 9555 4788
Email: sales@dlagroup.com.au

2. Corporate Headquarters
17500 Cartwright Road
Irvine, CA 92614 USA
Tel: +1 949 442 4400
Fax: +1 949 250-8187
Email: sales@rainingdata.com

3. United Kingdom
Mitford House
Benhall
Saxmundham
Suffolk IP17 1JS
Tel: + 44 (0)1728 603 011
Fax: + 44 (0)1728 604 154
Email: uk.sales@rainingdata.com

4. Germany
Langenhorner Chaussee 40
D-22335 Hamburg
Tel: +49 40 532 87 211
Fax: +49 40 531 3818
Email: ge.sales@rainingdata.com

5. France
Tour Gallieni 1
78/80 Avenue du General de Gaulle
F-93170 Bagnolet
Tel: +33 (0) 1 4972 4972
Fax: +33 (0) 1 4972 4970
Email: fr.sales@rainingdata.com

©2004 Raining Data Corporation. All Rights Reserved. All products or service names mentioned herein are trademarks of their respective owners.