OMNIS studio

OMNIS Studio is *the* most powerful and flexible rapid application development (RAD) tool available today. OMNIS Studio allows the independent or team-based developer to create business and mission-critical applications for enterprises or companies of any size. OMNIS Studio lets you develop and deploy applications under **Windows** and **MacOS** for such diverse markets as healthcare, multi-media and content management, human resources, web-based publishing and electronic commerce, education and government, and more. Using OMNIS Studio, you can create form-based client applications that access all leading server databases, including Oracle®, Sybase®, DB2®, and Informix®, as well as all ODBC-compliant databases, such as MS SQL Server™.
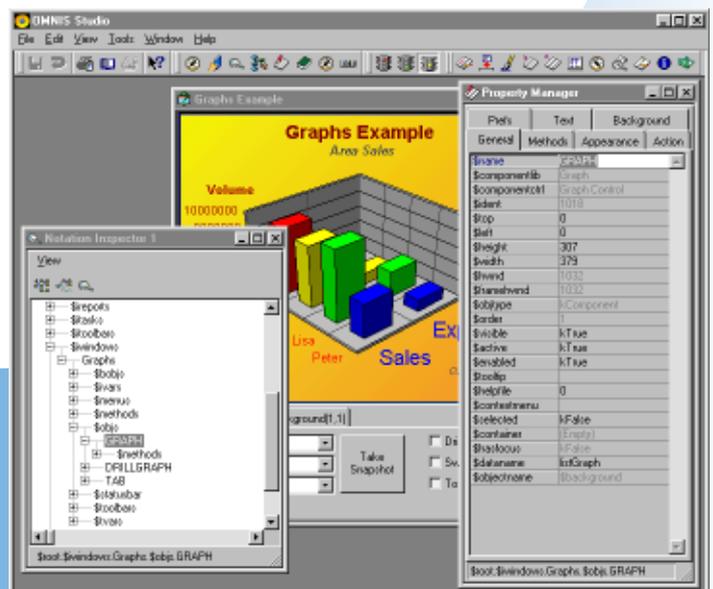
OMNIS Development Tools.

OMNIS Studio has the tools that drastically reduce development time and help you maintain a common GUI. The **Component Store,** for example, lets you integrate JavaBeans, ActiveX objects, and OMNIS components into your application. The **Property Manager** and **Notation Inspector** let you interrogate and modify the components in your application at any time. OMNIS reports let you publish graphical data and charts in many popular formats, including HTML.

The **OMNIS 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. OMNIS Studio also includes its own **relational 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.

The OMNIS Studio programming language combines a powerful **4GL** and its own **"dot notation",** a hierarchical language that lets you manipulate any object down to its individual properties, methods, and events. The OMNIS **debugger** gives you the best and most comprehensive set of debugging tools available today. The OMNIS **VCS** is a powerful plug-in to OMNIS Studio that provides complete library and component storage, version tracking, and application deployment.

The Property Manager lets you view and change the appearance and behavior of objects, while the Notation Inspector lets you view an object's notation and methods. For example, using these tools you can inspect and change the properties of an OMNIS graph, as shown.

Dedicated to successful Application Development

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The first *cross-component, cross-platform* engineering system that integrates all types of component.

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 JavaBeans, ActiveX, or native OMNIS components, the Component Store lets you integrate and optimize all types of component, for deployment anywhere on any supported platform. For example, the Net Classes pane in the Component Store contains wizards and object classes that let you add standard Internet services to your application, including:

- Internet Mail (SMTP/POP3) to send and receive e-mail.
- File Transfer Protocol (FTP) to exchange files with any Internet site and to integrate resources from several locations.
- HyperText Transfer Protocol (HTTP) to retrieve Web pages, and to parse and respond to requests for HTML from browsers.
- Low-level Socket communications (TCP/IP) with any other socket-based program on a local network, intranet, or the Internet.
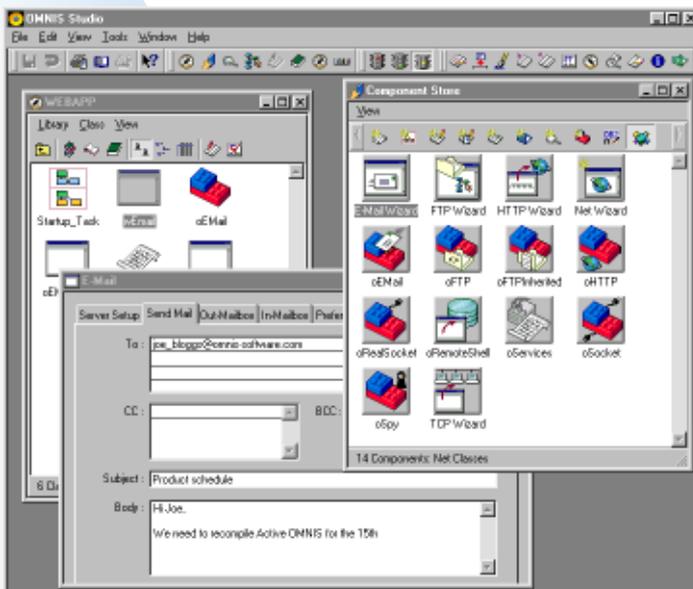
Add to the Component Store the following set of development features:

- the powerful Notation Inspector that lets you interrogate the objects in your application in design mode and at runtime.
- the Property Manager that lets you examine any object and change its appearance and behavior.
- built-in Wizards that let you quickly create windows, reports, menus, and toolbars.
- a flexible Report Writer with wizards and built-in report objects that let you create graphical reports for printing or the web.
- hybrid compiled/interpreted code execution, that lets you toggle between design and runtime modes, constantly testing your work.
- easy conversion from other OMNIS products, which protects crucial investments in your existing OMNIS applications.

Dynamic Data Access.

OMNIS Studio contains a set of powerful plug-ins or Data Access Modules (DAMs) that provide dynamic access to all industry-leading databases. From within one integrated design environment, the OMNIS SQL Browser lets you access all types of server database and ensures that your application is portable across a changing landscape of

The Component Store containing the web components which you can drag and drop onto your application. The e-mail wizard, for example, lets you create a window for sending and receiving e-mail, and managing your mail server.

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data sources. The SQL Browser lets you:

- connect directly to Oracle, Sybase, DB2, and Informix.
- connect to most data sources via ODBC and EDA.
- access any database using the same set of tools and functions.
- manage and customize all aspects of your database, including tables, views, triggers, rules, stored procedures, synonyms and storage allocations.
- move objects from one database to another using drag and drop; OMNIS handles data type mapping transparently.
- unlock OMNIS schema, query, and table classes for defining and managing your server data.
- manipulate and process your data in memory prior to committing changes to your server database using the OMNIS "smart list" methods.
- use OMNIS Studio's own relational database to store temporary and persistent data locally.

Version Tracking and Control.

The OMNIS Version Control System (VCS) is a powerful plug-in to OMNIS Studio that provides complete version tracking and control, reliable object and library storage, and flexible application build management. Using the OMNIS VCS you have com-
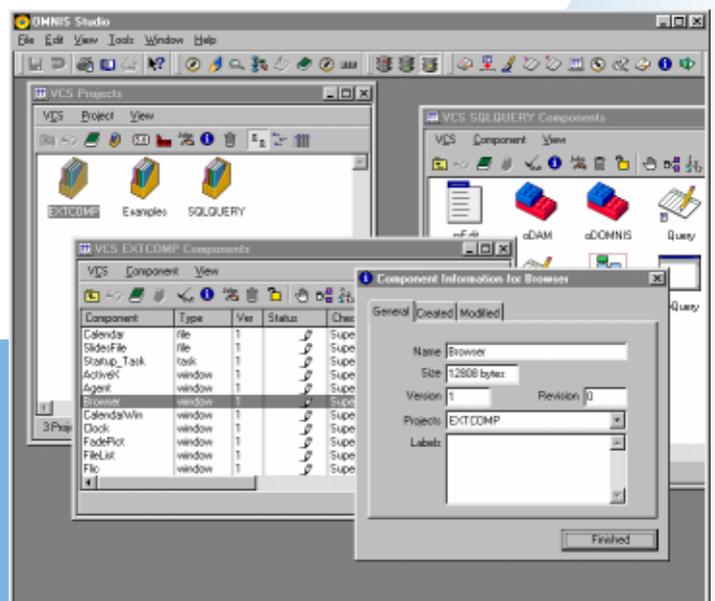
plete control over your project, team development, and product deployment. Whether you are working on your own on a single application, or in a global team of developers working on multiple projects, the OMNIS VCS provides a single hub for managing your development process, allowing efficient and successful deployment of your application. The OMNIS VCS gives you:

- Detailed version histories that document changes object-by-object and build-by-build; if necessary, you can roll-back individual changes to restore previous revisions.
- Detailed reports of all coding that let you supervise individual progress and manage development across the team.
- Collaborative development; team members can develop using their chosen platform without object modification.
- 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.

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The OMNIS VCS gives you complete control of your application development life-cycle. Developer team members can logon, check out components, make their changes, and check updated components back in using drag and drop.

The *only* tool that lets you manage application development from prototype through to deployment.

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Deployment and Scalability.

Having developed and built your OMNIS application, you can deploy it company-wide using the OMNIS Runtime program supplied on the OMNIS Studio CD. Using Active OMNIS, a web browser plug-in also supplied on the Studio CD, users can run your OMNIS application in their favorite web browser. To use the OMNIS SQL Browser (to access any server database), the OMNIS VCS, Active OMNIS, or any OMNIS runtime configuration, you simply need to purchase the appropriate serial number(s), no additional software is required!

System Requirements.

The minimum requirements for development in OMNIS Studio are:

Windows:

80486 or Pentium processor, 16 MB RAM, Windows 95, or Windows NT 3.5, 4.x, CD-ROM drive, and 40 MB free hard disk space.

Macintosh:

PowerPC or G3, 16 MB RAM, MacOS System 7.5.x, 8.1 or higher, CD-ROM drive, and 40 MB free hard disk space.

You can deploy OMNIS Studio applications under Windows 95, NT, and Windows 3.1, as well as PowerMacintosh and 68040 Macs.

OMNIS Training and Support.

OMNIS Software is dedicated to supporting its developers through formal training, and high-level technical support.

The basic Technical Support package gives you a dedicated telephone hotline and e-mail address, sample code and tech notes, and information on current product faults and future enhancements. The Total Support package gives you all the above, plus automatic shipment of all major upgrades and interim releases of OMNIS Studio.

OMNIS Education Services provides dedicated, high-level training in OMNIS Studio. Based at our public training facilities, our experienced trainers guide you through the complete application development process using OMNIS Studio; you learn how to use wizards and templates, the server database access and debugging tools, OMNIS notation and object-oriented programming techniques, and more, while building an OMNIS application from start to finish.

For further information about OMNIS training and technical support, or any OMNIS product, please contact your local sales representative or see our website.

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