



IT Resource Solutions



SOLUTIONS

RADS – Rapid Application Development Studio Professional Edition

Today, IT departments are called upon to address a wide range of challenges, from modernizing outdated application screens, to adding advanced business functions such as data mining, to deployment in new environments like the Internet.

And to secure a competitive edge, organizations must learn to do more with less. The solution? RADS.



The RADS family of products from IT Resource Solutions (ITRS) can help your programmers become more productive and meet the challenge of today's higher user expectations.

You can also take advantage of our own consultants to design and build new applications for you, or modernize your existing systems. By utilizing RADS, we are able to quickly create the functionality you need in a seamless, cohesive environment. We focus on your application's life cycle, with an eye on your long-term needs.

Rapid Development, Robust Applications

RADS is a value-added software product for Unisys Business Information Server (BIS, formerly MAPPER) that enables quick and cost-effective development of business applications in a Web or GUI environment. The RADS Professional Edition offers the ultimate in features and functionality for both the developer and end user.

With RADS Professional you can create new applications, or transform your legacy BIS system by adding a new and user-friendly interface. The benefits include:

- Extend functionality, while leveraging your existing BIS investment
- Eliminate the risk and expense of building a new system from scratch
- Reduce costs by accelerating your project's time to completion
- Make your information assets available to whomever you choose, anytime, anywhere

The RADS Advantage

A RADS-powered business application offers many unique features and capabilities. RADS Professional screens are dynamic, often built with data from multiple sources and transformed into meaningful business information. Built-in features like the Report Tools allow the end user to perform operations like ad hoc queries, computations and graphing.

RADS Professional is an Integrated Development Environment (IDE) that streamlines the design-develop-test-deploy process, and enhances team collaboration. The RADS Professional point-and-click development tools eliminate the need for most low-level coding. As a result, developers using RADS Professional assemble and deliver powerful business solutions much more quickly and easily than before.

A major advantage of RADS Professional is its ability to produce both Windows GUI and Web browser screens with the same development effort. RADS Professional stores screen definitions rather than program code, and separates the user interface and business logic layers of the application. This reduces development and maintenance costs, while providing the same appearance and functionality in both the Windows and Web environments.

General Features

Data Dictionary

- Active Data Dictionary defines Edit Rules, which provide automatic input validation for data entry forms, pop-up select lists, calendar dialogs for dates, and more.

Forms

Two methods are provided to create forms, which use the Data Dictionary to dynamically validate input and generate error messages.

- Record Forms are a completely automatic method to present and edit database records. No programming is required to display and validate the form.
- Screen Forms allow more sophisticated screens. Forms are created using the MQS-Plus design tool, which has many advanced features like drag-and-drop.
- Web forms can be enhanced with JavaScript to add front-end processing and other advanced features.

Report Displays

- Simple developer tools to select fields and define the report layout and headers.
- Built-in functions let the end user search, compute, send to spreadsheet, and more.
- Enhanced presentation on the Web browser such as user selectable font size and customized style properties.

Graphs

- Easily present data as a Graph, either predefined by the developer, or created upon request by the end user.

Database Management Tools

- Catalog BIS databases, using meaningful alias names to simplify development and maintenance.
- Design/reformat BIS drawers and reports.
- SQL access to external data for report displays, select lists and input validation.

Special Services

- Dialog Services allow complex user input screens to solicit query parameters.
- Data Services isolate business logic from screen code, and promote reusability.

Security & Auditing

- User Profile system controls access to individual services and tracks their usage.

Other Features

- Customizable Main Menu to organize and launch application services.
- Utilities to assist the developer to create and modify BIS run script and JavaScript.



Business Intelligence

RADS Professional provides the ideal infrastructure for data mining and decision support applications. Built-in functionality and services allow the developer to extract and store information in a format conducive to data analysis.

Data can be presented in many different formats - for example, reports, graphs and forms - and manipulated using a variety of ad hoc tools. When more detail is needed, Drill Down features can be used to explore and expand the data, and discover business trends and discrepancies that may otherwise have remained hidden.

Bonus Features

Included with the RADS Professional package is ICEME, an application that allows ad hoc access to an existing BIS system using a Web browser.

ICEME is the Web equivalent of the PCME tools, which are an integral part of every BIS system. PCME, originally developed for Unisys by ITRS, provides a Windows point-and-click environment for BIS end users. Since it looks and behaves like PCME, end users can learn to use ICEME very quickly.



About ITRS

IT Resource Solutions (ITRS) provides Strategic Staffing, Project Consulting, Unisys Centric Solutions and Professional Placement Solutions to customers in the Commercial, Federal, State and Local Government sectors.

ITRS has been in business for over 15 years, and with a team of Industry veterans, has a consistent track record of providing quality services on time and within budget.

Learn More

For more information about the RADS product suite, or the other BIS products and services provided by ITRS, please contact us:

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