



IT Resource Solutions



## SOLUTIONS

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Today, IT departments are called upon to address a wide range of challenges, from modernizing outdated application screens, to adding advanced business functions such as data mining, to deployment in new environments like the Internet.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

### Fast & Simple Application Development

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 Lite Edition is a new entry-level product that includes many of the powerful features found in RADS Professional, but in a simpler, easier to use package.

With RADS Lite 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

### Lite ... But Not Lightweight

RADS Lite builds upon the success of our RADS family of products, supporting BIS on the Windows, Unix and mainframe platforms. Like other RADS products, RADS Lite is an Integrated Development Environment (IDE) that creates highly functional applications with minimal program coding. Reports, forms, graphs and more are built using simple point and click wizards.

Despite being an entry-level product, RADS Lite is loaded with powerful features. It has everything you need to create report displays, data entry screens and other services, with easy to use development tools. When you are ready to add advanced functions like Drill Down to your applications, you can easily upgrade to the RADS Professional Edition.

A major advantage of RADS Lite is its ability to produce both Windows GUI and Web browser screens with the same development effort. RADS Lite 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.

#### Other Features

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



<u>Feature Comparison</u>	<u>Pro</u>	<u>Lite</u>
Create New Applications	√	√
Both GUI & Web Services	√	√
Import Applications	√	√
Export Applications	√	√
Main Menu System	√	√
Main Menu Submenus	√	
Logo & Toolbar Tools	√	√
Active Data Dictionary	√	√
Edit Rule Input Validation	√	√
End User Report Tools	√	√
Record & Screen Forms	√	√
Custom Forms	√	√
Data Entry Services	√	√
Form Validation Services	√	
Output Info Services	√	√
Report Display Services	√	√
Run Script Tools	√	*
Toolbar Icon Library	√	*
Graph Services & Displays	√	*
BIS Database Access	√	√
BIS Database Tools	√	√
SQL Database Access	√	
Network Database Access	√	
Application User Profiles	√	
Application Logon Security	√	
User & Service Auditing	√	
Drill Down Links	√	
Data Services	√	*
Dialog Services	√	
Shared Variables	√	
Related Help Topics	√	
Module Links Tool	√	
External Applications Links	√	
Image Management Tools	√	
Web Display Style Sheet	√	*
Report Field Value Styles	√	
Report Field Hyperlinks	√	
Report Tools API	√	
Demo Example Applications	√	*
ICEME Reporting Tools	√	

\* Available, but with limited functionality

### 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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