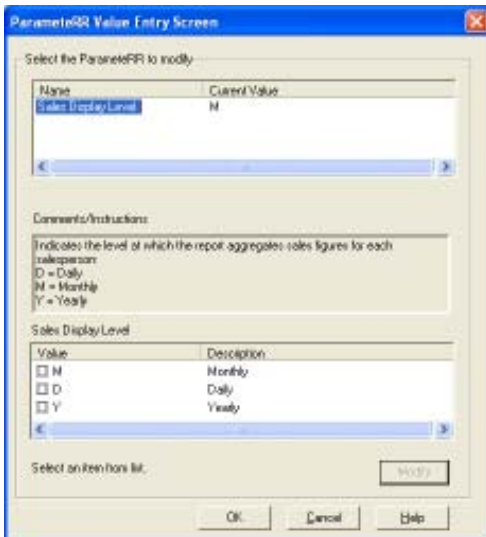


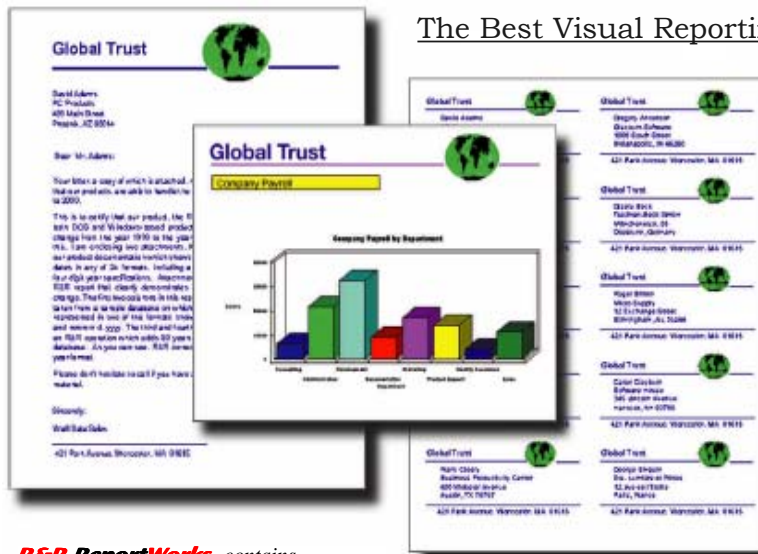
Including R&R Report Writer® Version 12

This is the last reporting tool you will ever have to purchase... not even an upgrade to R&R!! **R&R ReportWorks** 'Infinity' Edition gives you all future R&R update — for download on our website — plus all the enhancements of interim versions. **R&R ReportWorks** is everything you need and expect from a full-featured reporting suite, including modules for report creation, deployment, cataloging, distribution and documentation, and modules to manage your data sources and data dictionaries.

R&R ReportWorks is the final word in letting end-users, developers and IT departments access *all* their organization's data, transform that data to meet business needs, design the final output, present the raw or processed data to the user, manage and deploy the entire reporting system, and save time and money every step of the way.



ParameteRR entry screen has been enhanced to allow for users to select the value from a list of allowable choices. The list may be specified either by the report's designer, or derived dynamically from a data table.



R&R ReportWorks contains new features that let you access information locked within your databases so you can create and deploy all kinds of reports: summaries, statements, notices, etc. ... even dynamically to the Web!

Accessing Data

- Draw information from an unlimited number of database tables. R&R's exclusive Universal Join Technology™ lets you use pre-defined relations between tables, or define them on-the-fly, for *full* control. **ONLY IN R&R!!**
- FlexLink™ index-on-the-fly lets you control how to relate tables to produce exactly the result set needed for the particular need. **ONLY IN R&R!!**

• Develop reports with data across databases -- including 'local' data -- to run right on the end-users' PC.

• Batch data extracts to standardize, translate, and refresh raw data from a variety of data sources -- or update them individually. **ONLY IN R&R!!**

• All data warehousing functions can be performed without coding, stored procedures, or even SQL commands!! These processes can also be called from applications programs!!!

Transforming Data

• Translate, summarize, standardize, secure and manipulate raw data into final form or interim reporting tables.

• Create calculated fields, running totals, pre-processed totals (for sorting, filters, etc.) using picklists, radio buttons and expression-builder wizards. **NEW** User-defined calc, total and ParameteRR field names increased from 10 to 30 characters allowed.

• Total on database fields, calcs, other totals; calc on totals, other calcs, database fields, ParameteRR fields and constants.

The Best Visual Reporting System for:

- Access
- Alpha IV/V
- Btrieve
- dBase
- DB2
- Excel
- Foxpro
- Informix
- Oracle
- SQL Server
- Sybase
- Visual dBase
- Visual Object
- XML
- & many more

Key Features

- Full-featured desktop reporting suite for virtually ANY kind of reporting need: printouts, graphics, extracts ...
- **New!** Allow report users to select runtime inputs from a list of valid entries defined in the report or generated dynamically from your data.
- **New!** Secure your reports with passwords to modify in report designer or to generate in runtime.
- **NO** Programming or coding needed -- not even SQL.
- **New!** Enhanced, standardized field selection lists with progressive field name character search, new sorting options, and instant connection to data dictionary information for each field.

Transforming Data (continued)

- Apply condition formulas to totals; define totals on report, group or page level reset; accumulate on each record or any grouping level. **ONLY IN R&R!!**
- Sort and group records on database fields, calcs, pre-processed totals.
- Print group/report totals either before or after detail -- or with no detail at all.
- Use over 100 pre-defined math, string, page, date/time, logic and other functions, or create user-defined functions. **NEW** Selection dialog with function descriptions and sorting option by function type.
- Save data into spreadsheet, text, delimited, XML or xBase table formats; consolidate data from multiple systems for reporting.
- *Automatic* Data Dictionary module to define 'metadata' fields, assign plain-language descriptions to database fields, add calc fields for immediate availability, and control access to specific data fields. Data Dictionary catalogs tables, fields and indexes, and is a constant companion when defining reports. Unlike other reporting tools R&R's Data Dictionary is an adjunct feature, NOT a requirement to design or to run reports.



Password access now protects your reports from unauthorized modification or activation!



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Designing Output

- Design layouts using any combination of title, summary, page header/footer, group header/footer and detail (record) bands -- all color coded for simpler design.
- Place fields, calcs, totals, labels, graphics, charts, lines and boxes anywhere in the layout area for WYSIWYG designing. Preview (with zoom) to see entire pages with band-color coding for translation of design to results.
- Incorporate text files, memos, OLE elements (graphics, documents, etc.) within the report.
- Display labels and fields in any Windows typeface, size, style, color, alignment, width.
- Full grid on/off locking and control for easy alignment. **NEW** Vertical rulers left / right and horizontal rules top / bottom.
- User-defined conditional printing of any report section.

Presentation and Distribution

- Email 'Bursting' -- Uses MAPI interface to automatically send report sections via email to different recipients based on email addresses in your database!! **NEW** Customizable subject line and message based on data calc fields. **ONLY IN R&R!!**
- Result Set Browser, with drill-down, sorting, grouping and column-order controls.

- HTML export with parameter passing permits *dynamic* or passive reporting on the web.
- Dynamic generation of charts and graphs from the raw data in your databases.
- Print on any Windows-compatible printer, or export to text, data, rich-text (RTF), spreadsheet, Word merge and delimited file.
- PDF output driver included.
- Exclusive R&R ActiveX Viewer format for page viewing, control and printing.

Deploying and Managing Reports

- Report Librarian™ automatically catalogs all reports and their contents, provides an easy-to-use menu to let end-users and developers access and share report formats. **ONLY IN R&R!!**
- ParameteRR™ fields that prompt the person running the report for input values (such as a range of dates) to control the report. Includes entry validation, user-defined input instructions, error catching, and single-screen entry. **NEW** Select input values from a list of allowable choices.
- Rapid Runner™ runtime control program lets end-users schedule, batch, run and direct pre-defined reports with a simple-to-use menu-driven program. This is also vital for ETL and Desktop Data Warehouse functions!! **ONLY IN R&R!!**
- **NEW** Specify a password to allow access to modify a report, and a separate password to allow generation of the report via Runtime.



Our exclusive Email 'Bursting' feature is even better in **R&R ReportWorks**. Now you can include a customized subject line and message derived by R&R. Bursting is perfect for distribution of e-statements, custom marketing notices, budget summaries for department heads and many other uses.