

Thoroughbred News

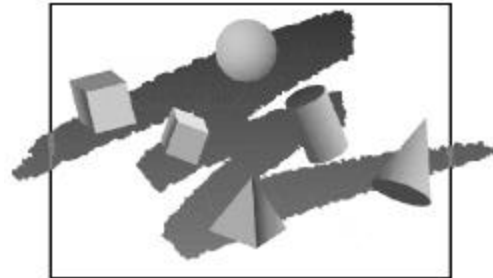
Volume 8.4.1, Issue 1

February 1998

Thoroughbred Environment™ 8.4.1 and VIP™ 4.01 Released

Thoroughbred's 8.4.1 is an extension of Thoroughbred's successful 8.4.0 Release enhancing each tier in Thoroughbred's Multi-Tier Architecture strategy. The primary benefits of this Release concentrate on support and integration of the new VIP 4.01, a new *Dictionary-IV*™ date type to facilitate YEAR 2000 compliance, extended Client-Server capabilities for ODBC databases, object-oriented *Dictionary-IV* definition maintenance accessible from *OPENworkshop*™ or *IDOL-IV*®, and improved presentation for the Thoroughbred Windows Environments.

VIP 4.01, Thoroughbred's Graphical User Interface, is now a 32 bit product, providing additional performance, stability and compatibility with Windows 95 and NT operating systems. VIP Release 4.01 also introduces a number of new system support modules including TS ReportServer™, and TbredComm™, a new Thoroughbred communication product supporting TCP/IP, Serial, and Internet communications and set-up. VIP Release 4.01 also introduces the WorkStation Manager™. This module provides integration and control at the Desktop level including executing application programs from an icon or from the Windows Start button.



8.4.1 Basic, IDOL-IV, and OPENworkshop

Dates for YEAR2000

Dictionary-IV supports a new date type that stores a date using an ASCII SQL date format, Date Type 8. Date Type 8 can support date, time, and date & time. The input and display for SQL dates is controlled by global settings. These Global settings are stored in the system format #IDSV. The date input and display mask can be set in either an application or the System Administration subsystem. The *Maintain Date Masks* menu selection will control the default value for input and display when using an SQL date type. An additional setting allows for the specification of a *Date Method*. This allows an application to determine the century while users continue to enter 6 character dates. The *Date Method* provides the opportunity to modify the data after input but before date validation.

Object-oriented Definition Maintenance

Definition Maintenance for *Dictionary-IV* classes now uses an *OPENworkshop* object-oriented approach to the presentation and user interface. CONNECT VIEWS have been implemented throughout to assist in navigation of the definitions. For example, editing a Format starts a CONNECT VIEW of Format names and descriptions. The View then drills down to a View of the *Data Element Names* that make up the Format that allows maintenance of all Fixed Attributes. All Variable Attributes are processed via Text Field Processing. The enhanced definition maintenance facilities include prompts and on-line help for user assistance. +

**YEAR 2000 issues
are resolved in 8.4.1**

IN THIS RELEASE

8.4.1 Released	Pg 1
VIP 4.01 Released	Pg 2
1998 Price List	Price Booklet
New Data Sheets	Enclosed
Solution-IV 8.41	Pg 3

Source-IV™ Updates

Source-IV™ has also gone through an OPEN*workshop* enhancement. As an OPEN*workshop* application, you can do more things at more places. For example, you can now edit source documents, Search/Replace an entire Library, and review Undo Change Notice - all from Library/Source Maintenance.

Build A Data Warehouse with OPEN*workshop* Object Views

Object Views

The presentation of numeric fields has been enhanced to allow more formatting capabilities. The View definition (F7) includes a Toggle for Comma/No Comma for all Numeric columns. Individual columns can also be formatted (F3) using any valid numeric mask (i.e. currency).

Single and Multi-Record Updates

Single- and Multi-Record maintenance now take advantage of CONNECT SCREEN and CONNECT VIEW. This allows for one common process of Screen and View objects. The Print Screen option (F16) provides the ability to print either the current object (Screen or View) or all objects on the screen.

Oracle Optimization

There have been a number of changes to the communication between Thoroughbred Environments and the TS Oracle DataServer™. These changes help optimize database access performance. Areas that were updated include:

- More I/O logic being processed at the database
- Reusing result sets
- Reusing pre-compiled SQL statements
- Packet compression
- Take advantage of Oracle database hints

Windows 95/NT Environment Updates

The character presentation of the Windows Environments has been enhanced through changes to the TBRED font including new font sizes.

Thoroughbred Windows Environments now support the display and printing of double byte characters using a Far East Release of Windows (Korean, Chinese, and Japanese).

The Windows Environments now support DEV names in the IPL file using the UNC Naming convention - DEV D1,1,,,,,\computerA\tbcs\idl4.

The Thoroughbred Environment for Windows now allows your applications to be configured to access an ODBC database server. You can integrate information from these databases into new or existing applications. The ODBC Client capabilities have been implemented into all aspects of the Thoroughbred Environment. ODBC data can be made available for use in file maintenance, reports, queries, *Script-IV* and *Basic* applications.

The standard printer table (STANRD) has been expanded to support additional mnemonics - Open/Close/Reset, Lines per page, Top/Left Margin, and Portrait/Landscape.

The *Ring Bell* mnemonic (RB) now supports Windows “.*wav*” files including Default sound, Asterisk, Exclamation, Critical Stop, and Question.

The Windows Environment now secures itself using the same methodology as the Thoroughbred UNIX Environments and will ship with 3-session serial numbers. The user may increase the number of sessions by using and obtaining a new serial number.

Windows Environment applications have access to the Network or Windows login via INF(3,2).

**ReportServer creates an
exciting new sales opportunity
for existing applications.**

VIP 4.01

Report and Gateway Servers

VIP now provides two server capabilities. *Report-IV* and *Query-IV* can output to the TS ReportServer. The TS ReportServer includes a standard GUI interface and interfaces to the Windows Print Manager. TS ReportServer can handle multiple reports as well as split screen viewing and “FIND” within a report. Reports can be saved to .txt or .rps file types. The *Gateway* for Windows Server is now a separate task and no longer part of the VIP executable program. Your existing *Gateway* interfaces will continue to operate without any modifications.

TbredComm

TbredComm is Thoroughbred's new Communication and Terminal Emulation software. It uses an enhanced VT220 interface with extended ANSI color emulation supporting 16 foreground and 16 background colors, and supports TCP/IP and Serial connections. TbredComm is built on a full 32 bit communications interface for optimum network communication and terminal emulation.

WorkStation Manager

The WorkStation Manager is an integral part of VIP 4.01. It controls VIP and TbredComm options. It controls if and where a Toolbar resides. Start Button menu selections can also be executed from the WorkStation Manager.

Internet Processing is now supported with 8.4.1 and WorkStation Manager.

WorkStation Manager Options

Options	➔	Allows Options for VIP, WorkStation Manager, Fonts and Color.
Screens	➔	Executes the Graphical Screen Editor.
Toolbar	➔	Allows Position, Maintenance, and Loading of a Toolbar.
Menus	➔	Allows the removal of application menus.
Applications	➔	Allows application selections to be executed.
Host Type	➔	Defines host type as either Remote or Workstation.
Presentation Mode	➔	Allows selection of either VIP Graphic or Character Mode.
Stop Manager	➔	Stops WorkStation Manager process.

GUI Screens

VIP 4.01 has enhanced the performance and presentation of default graphical screens. A graphical screen designer program can customize screens. Fonts and colors may be established application-wide via templates or for specific display objects only. The GUI screen designer provides screen attributes that can be customized including buttons, icons, sound, and graphics.

Start Button Menus

Dictionary-IV Menu selections can now execute from either the Thoroughbred WorkStation Manager or Windows Start Button Menu. Selecting a Menu option from the Windows Start Button executes the Thoroughbred Environment with values for the menu and selection to execute.

New Data Sheets

All data sheets have been re-designed in a new, exciting format. Many examples have been included to graphically display the product capabilities. The new data sheets include the entire Thoroughbred development tools, user support tools, and *Solution-IV* modules. Several examples will be included with this release notice.

New 1998 Product Catalog and Price List

The new 1998 Product Catalog and Price List has been updated to include the new 8.4.1 features and VIP 4.01 enhancements. Product bundles have been added for the Windows Workstation/TS Network DataServer product, and TS ReportServer and TbredComm have been added as separate options.

Solution-IV Accounting 8.41 Released

While primarily a maintenance release, *Solution-IV* 8.41 has been specifically designed to run with IDOL-IV or OPEN*workshop* release 8.4.1. The graphical screens have been updated to work with VIP release 4.01. In response to your requests, the capability to print to laser printed checks is also included in this release. The double-stub checks can be ordered from our standard form supplier. *Solution-IV* release 8.41 is fully YEAR 2000 compliant, and the date entry schemes now allow the century to be entered on the date fields – if the century is not entered, the “50 year rule” for computing the century is applied.

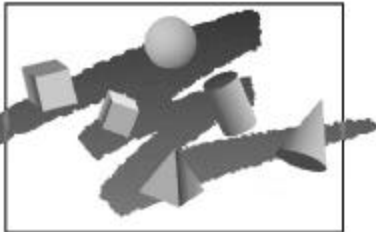
8.41 Feature Examples

The screenshot shows two overlapping windows from the Thoroughbred software suite. The background window is titled "VIP4 - Thoroughbred GUI Server - Order/Invoice Inquiry - Lines". It displays a form for "Order/Invoice Inquiry - Header" for "Lightspeed Distributors (DEM)" with a date of 02/11/98. The form includes fields for Customer Number (00000103), Name (F.H. Michel), and various shipping and invoicing options. The foreground window is titled "Thoroughbred RPS Server - [OP Profit & Commission Journal - Monthly]". It displays a table of "Order Processing Monthly Profit & Commission Journal" for "Lightspeed Distributors (DEM)", sorted by Invoice Number. The table has columns for Invoice Date, Sales Representative/Item, GL Account, Rate, Commission Amount, Net Sales, and Gross Profit. The data is organized into three sections for different dates: 00/29/97, 00/02/97, and 00/05/97.

Invoice Date	Sales Representative/Item	GL Account	Rate	Commission Amount	Net Sales	Gross Profit
00/29/97 BILL	B110	400-00-00	7.00%	259.26	18.00	18.20
	C110	400-00-00			64.00	58.00
	E110	400-00-00			153.00	118.00
	M110	400-00-00			27.00	17.00
	F124	400-00-00			1,411.00	811.00
	S124	400-00-00			1,236.50	754.50
	S120	400-00-00			891.00	491.00
					5,785.10	3,853.50
00/02/97 BILL	HM202	400-00-00	7.00%	280.52	1,030.00	880.00
	DRL7	400-00-00			47.50	32.50
	K124	400-00-00			810.00	210.00
	K126	400-00-00			810.00	210.00
	K100	400-00-00			427.30	189.30
	S124	400-00-00			891.00	491.00
	S120	400-00-00			891.00	491.00
					4,970.00	2,882.00
00/05/97 SALLV	Sally Summers		10.00%	450.70	910.00	210.00
	K124	400-00-00			910.00	210.00
	K126	400-00-00			910.00	210.00

**TbredComm – Solution-IV Processing
On The Internet**

TS ReportServer



**Coming Soon!!!!!!
1998
Mini Conferences
Coming To A Town Near You**

Please contact your sales representative for more details

Thoroughbred Software International, Inc.

Corporate Headquarters
19 Schoolhouse Rd
P.O. Box 6712
Somerset, NJ 08875-6712
Phone: (732) 560-1377 (800) 524-0430
Fax: (732) 560-1594
Email : tbred@tbred.com

International Headquarters
11 Ashton Gate, Ashton Road
Harold Hill, Romford, Essex
RM3 8UF England
Int'l Phone: 44-1708-384084
Int'l Fax : 44-1708-384499
CompuServe : 100145,2755

AEK Computers
A Division Of Thoroughbred Software
5005 Newport Dr. Ste. #501
Rolling Meadows, IL. 60008
Phone: (847) 392-6880
Fax: (847) 392-5775
Email : info@aekcomputers.com

© 1998 Thoroughbred Software International, Inc. THOROUGHbred, IDOL, OPEN WORKSHOP, VIP VISUAL IMAGE PRESENTATION, the Thoroughbred logo, the "Swash" logo, and the Solution-IV logo are registered trademarks of Thoroughbred Software International, Inc. Thoroughbred Environment, OPENworkshop, IDOL-IV, Dictionary-IV, Script-IV, Report-IV, Query-IV, Source-IV, VIP, TS ReportServer, TbredComm, TS Oracle DataServer, TS ODBC DataServer, and Solution-IV are trademarks of Thoroughbred Software International, Inc. Other names, products, and services are the registered trademark of their respective vendors or organizations.