IBM Network Station[™] Family of Thin Clients Access for today, flexibility for tomorrow

Network Station Manager V2R1 5250 and 3270 Client Overview

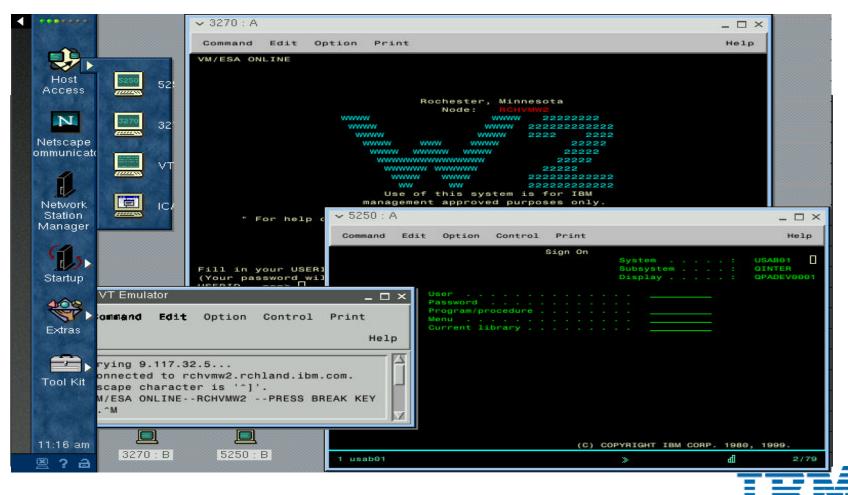
August 29, 1999





V2R1 Terminal Emulation Enhancements 5250, 3270

Scalable fonts, password / ID encryption, editable macros
and more....



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What's New

Everything you liked about V1R3 functions migrate to V2R1

V2R1 provides additional functions you asked for

- Full screen coverage
- Readability scalable fonts
- PC look and feel
- All V1R3 PTF functions were integrated
 - with improved command/control options



V2R1 5250 and 3270 NPT Client Preview What's New

Look and feel improvements - common to 3270 and 5250

- Scalable Fonts
 - Improved full screen coverage
 - Antialiasing support with 16 bit color models
 - 8 bit only on 300 series
- New Desktop manager
 - Reserved keys manageable
 - (i.e. PF10, PF4)
 - Windows-like desktop operation and appearance
- Session jump keys, including session short names
- Initialize Num Lock keyboard state on or off



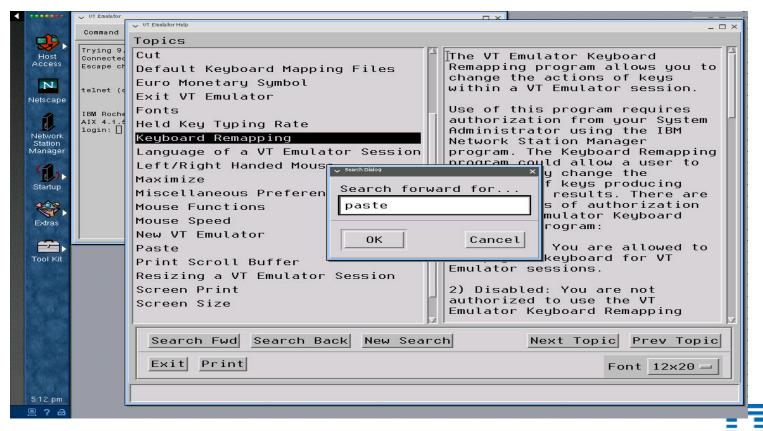
V2R1 5250 and 3270 NPT Client Preview What's New (continued)

- Common operational and functional enhancements
 - Integration of R3 PTFs with full Help & MRI
 - Command line functions integrated
 - some placed into NSM for standard management
 - Augmented Help text, including keyboard functions
 - Over 60+ pages of on-line help
 - SSL version 3 telnet support
 - Secure host session access via the internet
 - Password and User ID encryption
 - Editable macros
 - Ability to edit and restore playback files
 - Use TCP/IP Host name as session name
 - Security and managability improvements
 - Multi session capacity
 - Limit number of sessions per user, without naming them



Extensive Help

Rich functional help viewer 60+ pages of help text, also in remapper, color mapper Keyword Search capability included Print help text for later reference Font size selection for help text readability



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Scalable fonts & manual size selection

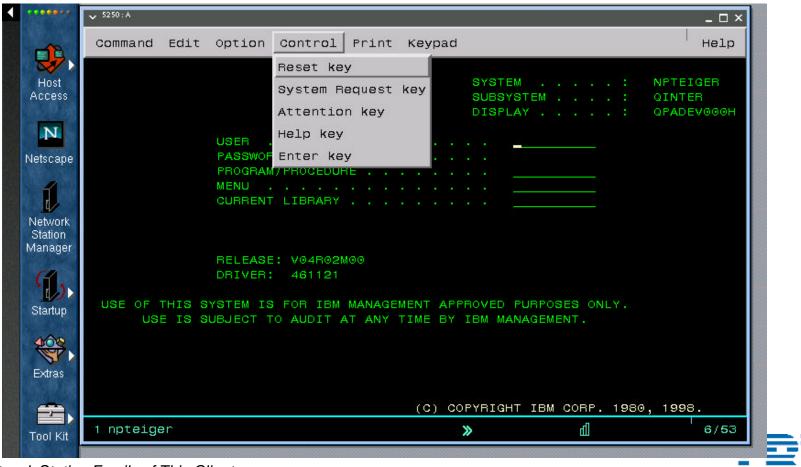
- Fonts size adjust automatically, as windows are resized, or
- Fonts can be manually selected from the pull down menu
- Example fonts available for 1024x768 resolution 24x80 session

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-	Command Edit	Option Control Print Keypad			 Help
		Fonts 9x16	10007		
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		Customize Keypad	10x21	11111	QPADEV000H
N		Record	8x17		
Netscape		Playback	6x11		
		Miscellaneous Preferences			
		Color Mapping			
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Familiar Control keys menu, like V1R3

Keys without PC keyboard nomenclature unique to 5250/3270
 No need to refer to keyboard mapping "cheat sheet"



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Familiar Menus for ease-of-use options

- Individual options have been enhanced
 - Same general access controls as V1R3 for each user
 - New Misc preferences for linear/block copy & audio on/off

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Print menu details

Single key print option also available

Supports Network, PCL, ASCII, or Postscript printers

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-10	Command Edit Option Control Print Keypad	Help
Host Access	UBSYSTEM : O DISPLAY : O	NPTEIGER DINTER DPADEV000H
Netscape Network Station Manager	USER PASSWORD PROGRAM/PROCEDURE . MENU CURRENT LIBRARY RELEASE: V04R02M00 DRIVER: 461121 V 5250 Screen Print Select a Printer: PARALLEL1 (Orientation: Portrait La Form Feed: Yes Vo	
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V2R1 3270 NPT Client Unique Functions

- 3270 Client Unique functions for V2R1
 - Auto-disconnect option (after inactivity period)
 - PDT (Printer Description Table) support
 - For additional ASCII PC printer customization



V2R1 3489 (5250) fax/image enhancements

- ► 3489 JPEG
 - True color 16 bit support
 - "Extended baseline" JPEG format supported
 - TIF and PCX color image formats supported
 - Supported by Image Plus, & Real Vision viewers
 - Image-enabled mode now enabled, by default



V2R1 Sales Considerations (All Clients)

- 122 key keyboard support gone
- Minimum Footprint increased
 - ► 32 MB minimum
 - Original 16 MB machines not supported
 - up to 4X network traffic boot & application load
- NLS coverage reduced
 - Latin 1 locales subset only
 - English, UK English, French, Belgian Fr, Canadian Fr, Swiss Fr, German, Swiss German, Italian, Spanish, LA Spanish, Swiss Italian, Brazilian Portuguese, Dutch, Belgian Dutch, Danish, Finnish, Norwegian, Portuguese, Swedish
- Comm error recovery
 - No messages if Boot Server connection broken
- No Twinax Model 341 support
- No Icon color change, if host data received (5250 & 3270)



Yet to come - PTF function additions

- Customized fonts for common CRT resolutions
 - tailored for full screen applications
 - ▶ optimized for 24x80, 27x132, 43x80 session sizes
 - improved readability, same size fonts



Web sites for support info from the Lab

- Tips and Techniques (sorted by component & release)
 - known limitations, and any work-arounds
 - "how to" information
- Positioning and sizing information
 - may be limited to internal only
- Pointers to all on-line pubs, including Red Books
- Sample configuration files for custom cases (kiosks, etc)
- Anything else that may be useful to technical people who are setting up or selling Network Stations
- 3 different web sites for different audiences, single source:
 - External site http://www.pc.ibm.com/support/
 - no need to log in; just select Network Station product
 - Business Partner http://www.pc.ibm.com/partner/infotips/
 - Internal only site http://w3.pc.ibm.com/helpcenter/infotips/
 - seems to always require a userid & pw at the moment
- Help text can be found at http://www.ibm.com/nc/pubs



V2R1 - Continued NPT Client Improvements

- More windows-like PC affinity
- Better full screen coverage with scalable, antialiased fonts
- SSL for improved security
- Consistent family image, including VTxxx
- Improved management via NSM GUI
- Integrated all V1R3 PTFs
- Extensive on-line help, with keyboard function definitions

