



Rocket Passport Web to Host Overview

Would saving up to 80% on terminal emulation be of interest to you?

Of course it would. That's one reason why you need to seriously consider Rocket Passport.

Rocket Passport Browser-based Terminal Emulator

Rocket Passport provides a feature-rich browser-based 3270 emulator for IBM host access. PASSPORT includes both enhanced TN3270E emulation and basic TN3270 emulation, as well as IBM i (TN5250), UNIX/DEC (VT), and secure File Transfer Protocol (FTP). Our subscription based licensing program can reduce your 3270 emulator acquisition and maintenance costs significantly.

The Rocket Passport Web to Host 3270 emulator is first installed on a web server (Apache/Tomcat, BEA, IBM WebSphere Application Server or Microsoft IIS). Once installed, users then download an ActiveX client to their desktop. The download only occurs once and does not reoccur until a new version of Rocket Passport Web to Host is installed on the web server. The web server plays no role in the communication to the IBM host—all communication occurs between the 3270 emulator client and the host. User configuration files, macros, etc, can be stored either locally or on the central web server.

Ideal for distributed environments

With Rocket Passport Web to Host, remote or distributed Windows users are given all the tools they need for secure, reliable, productive host connectivity. Support of SSL and SSH security, VB Script for macro development, HLLAPI and an Object API for IBM application integration, comprehensive Windows cut and paste, and more are all standard in the Rocket PASSPORT 3270 emulator. For a complete list of product features and supported operating systems, view the 3270 emulator tech specs.

Deploy from IBM mainframe or Microsoft IIS Server

Administrators have the option of deploying the Rocket Passport 3270 emulator directly from an IBM mainframe or a Microsoft Windows Server running IIS. If you want to deploy from the IBM mainframe, you will need to have Apache/Tomcat, BEA WebLogic or IBM Websphere Application Server running to publish the application.

Technical support is available if you need it

If you need help, access to our knowledgeable support team, and all of the resources they bring to the table, is available. Whether you have questions on security, configuration, need help with macro conversion or anything else, we're here to help. Each year, an overwhelming percentage of our customers rate our software and support as top notch. Since most customers take advantage of our low-cost annual subscription licensing, maintaining an excellent level of support is absolutely critical to our ongoing success as a company.



Management loves the cost savings and free migration tools

For customers that need to transition to Windows 8 and replace their existing 3270 emulator, we offer automatic conversion utilities to convert configuration files into the Rocket Passport format, making the transition easily manageable. We also provide free macro conversion utilities and services to guarantee an orderly migration. Switching from Attachmate or Micro Focus to Rocket Passport is easier than one might imagine at the outset and we have new customers every month confirming this.

With our Rocket Passport Enterprise License Plan (ELP), large organizations see not only a dramatic reduction in 3270 emulator licensing fees, maintenance and future upgrade costs, but they also welcome the freedom we give our clients in terms of ability to distribute Rocket Passport anywhere and everywhere. With a Rocket Passport ELP, no there is no requirement to track terminal emulation licenses.

A great track record

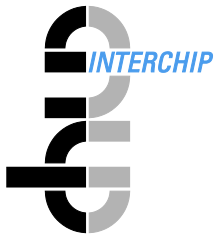
We have successfully migrated many large organizations with tens of thousands of users to Rocket Passport and have lots of references to share. Take a moment to view our sample client list found in the link above. As organizations worldwide seek to cut costs and lower operational expenses, Rocket Passport is the world's leader in 3270 emulator displacement.

Features

As one of the market's very first browser-based connectivity solutions, the mature, feature-rich package is an ideal alternative to other desktop-based emulators. Rocket Passport provides high quality, reliable terminal emulation from Windows desktops. Rocket Passport emulation is extremely cost effective. We provide a subscription based licensing program that can reduce your acquisition cost and maintenance cost significantly. Rocket Passport Web to Host's features include:

Major Features

- Provides access to IBM mainframe, AS/400 and UNIX host applications
- TN3270, TN3270E, TN5250, TN5250E, VT420, VT100, SCO ANSI and Wyse 60 terminal emulation
- Standalone FTP client and integrated FTP file transfer within terminal emulation session
- Designed for Microsoft Internet Explorer
- Compatible with Windows 7, Windows Vista, and Windows XP
- Advanced SSL security available for each host session
- Advanced SSH security available for each UNIX host session
- Secure FTP file transfer using SSL and SSH security
- IND\$FILE file transfer to IBM mainframe
- Deploy Rocket Passport from a centralized web server such as Microsoft IIS or IBM WebSphere
- HLLAPI available to reuse existing screen scraping applications
- Attachmate-compatible EXTRA! Objects API to reuse existing EXTRA! screen scraping applications
- VB Script to record, edit and run productivity enhancing macros



- Host printing supported through the TN3270E or TN5250E client
- Pass-through printing available for VT or SCO ANSI client
- Ability to open multiple host sessions, uniquely configure each session
- Customizable keyboard layout, mouse buttons, keypads, toolbars, hotspots, colors, fonts, cursor and more
- Program setup, product menus and dialog boxes can be viewed in one of six languages: English, German, Spanish, French, Italian and Portuguese (Europe and Brazil)

Secure Terminal Emulation Sessions

- Microsoft Secure Channel (SChannel) for royalty-free SSL security on all sessions
- SSH security available for all UNIX sessions (VT, SCO ANSI and Wyse 60)
- Features client authentication

Secure FTP File Transfer

- Full compliance with IETF RFC 959 file transfer protocol specifications
- Standalone FTP client and integrated FTP file transfer within terminal emulation session
- SSL security (FTPS) (IETF RFC 4217 Securing FTP with TLS) featuring data channel encryption and client authentication
- SSH security (SFTP) (PuTTY SSH implementation for Win32)
- Asynchronous interface to Windows sockets TCP/IP driver results in fastest file transfer data rate possible with minimum amount of system resources
- Ability to create and save file transfer schemes
- Ability to transfer a list of files
- Information from last 16 file transfers saved
- Send and receive file transfer can be initiated in multiple ways, including drag and drop, menu commands and cut/copy/paste commands
- Look and feel of Windows Explorer with menu bar, toolbar, status bar, three window panes (PC directory structure and file list, host directory structure and file list, connection log and error messages) that can be interactively resized and displayed as icons, details or list
- Files and icons can be sorted by size, date, type, permission, owner and group and can be automatically arranged

IND\$FILE File Transfer to IBM mainframe

- Presentation Space and Structured Field transfer methods
- Text, binary and custom file transfer types
- Ability to configure custom IBM 3270 IND\$FILE parameters for CMS, TSO and CICS options and save as schemes
- Information from last 16 file transfers saved

Macros

- Record, edit and run macros to automate keystrokes and improve end user productivity
- Macro scripting language uses Visual Basic Script syntax



- Recorded macros can be used as Visual Basic programs with minor modification
- Start-up macro can be used to automatically launch host application
- Exit macro can be used to properly exit host application and close the session
- Macros can be used to start other Windows applications
- Macros can be assigned to a key on the keyboard, keypad, toolbar or mouse button
- Option to enable/disable the keyboard while the macro is running
- Ability to execute all Rocket Passport menu commands
- Dead key can be recorded
- Any text editor can be used to edit macros

Application Programming Interfaces

- 32-bit HLLAPI interface available to support existing HLLAPI applications
- Compliant with Windows HLLAPI version 1.1
- HLLAPI short name can be automatically selected or manually specified
- Attachmate compatible EXTRA! Object API
- Macro API (subset of HLLAPI)
- Rocket Passport Object API available for new screen-scraping projects

Execution of Events within Host Session

The following events can be executed using any keyboard key, keypad, toolbar icon, mouse click or hotspot:

- Launch a URL
- Send a host key, text character or string of text characters to host
- Send an APL character to the host (3270 sessions only)
- Execute a macro
- Execute any menu command
- Run an application, including Word, Excel, etc.
- Apply keyboard, hotspots, keypad, colors or toolbar settings
- Tile, cascade or minimize all sessions

Connection Features

- Display connection information in HTML format
- Auto Reconnect
- Telnet Device Type Override
- Dynamic screen size configuration for 3270 sessions
- Support for 3270 extended attributes
- Scroll back buffer for 3270 sessions
- Support for connection to generic, dedicated, pooled, and associated LUs
- Full support for NVT, SSCP-LU, and LU-LU sessions
- Hot back up for connection to alternate IP host names
- Host connection time-out parameter
- TN3270E Responses
- TN3270 Non-SNA Command Chaining



- Keep Alive to maintain persistent connection

Session Profile Features

- Ability to open, save and create new session profiles
- Ability to save layouts of multiple sessions as desktop icons
- Ability to use a Windows system variable in the TN3270/TN5250 LU Resource name
- Ability to lock and secure session profiles with password
- Ability to customize text used on window title
- Ability to enable/disable commands of the menu bar
- Ability to tile and cascade active sessions
- Custom .WAV file can be used for sound if signaled by host application

Display Session Features

Print Screen

- Host screens can be printed to local or LAN attached printers
- Host screens can be printed to a disk file
- Page margins can be set
- Optional Header/Footer lines can be configured to print on each page
- Capture a series of multiple host screens then send to printer all at once
- Ability to print multiple host screens on a single page

Clipboard

- Cut, Copy, Copy Append, Copy Graph, Paste, Paste Continue
- Menu accelerator keys for most menu commands
- Paragraph format copy mode for word processing
- Tabular format copy mode for spreadsheets
- Block, stream and field modes for pasting text
- Text selection viewed as dotted rectangle or reverse video
- Cut text can be replaced with either nulls or spaces
- Line mode selection available for VT, SCO ANSI and Wyse 60 sessions

Colors

- Multiple color schemes can be created and saved
- Colors can be selected from the Windows color palette
- Colors can be modified for base and extended colors, OIA line, and screen background
- Extended attributes provide 7 color display, underline, reverse video

Cursor

- Underline or block cursor
- Cursor blinking on or off
- Cursor ruler guide can be a full cross hair, vertical only or horizontal only



- Cursor toggle during Insert mode
- Cursor position can be shown on OIA line or Windows status bar

Fonts and Screen Display

- Rocket Passport terminal, thin bit-map raster and true type fonts provided
- Full APL font support
- Any Windows fixed pitch raster or true type font can be selected
- Font size automatically adjusts to Window size
- Fixed font size can be selected with horizontal and vertical scrolling
- Screen sizes for TN3270 (24x80, 32x80, 43x80, 27x132)
- Screen sizes for TN5250 (24x80, 27x132)
- Screen sizes for VT (24x80, 24x132, 32x80, 32x132)
- Screen sizes for SCO ANSI (25x80, 25x132, 38x80, 38x132)
- Screen sizes for Wyse 60 (24x80, 24x132, 25x80, 25x132, 42x80, 42x132, 43x80, 43x132)

Graphics

- TN3270 APA mainframe graphics fully supported
- TN3270 Program Symbol Sets A through F are fully supported
- Terminal Resolution and High Resolution support
- Graphics input cursor
- 4 different graphics input cursor types
- Ability to copy graphics to clipboard or print
- 3270 Color and Attribute key support

Hotspots

- Ability to double-click specific text on the screen to perform a function
- Multiple hotspot schemes can be created and saved
- Default hotspots provided for PF keys and other common host keys
- Hotspots can be viewed as reverse video button or invisible

Keyboard Features

- Interactive graphical keyboard customization
- View keyboard layout in HTML format
- Rocket Passport, Attachmate EXTRA!, IBM Personal Communications and NetManage RUMBA keyboard layouts
- DEC LK-201 keyboard layout
- Full APL keyboard layout
- Multiple keyboard maps can be created and saved
- Keyboard entry assist with word wrap, margins and tab settings
- Type ahead
- Auto repeat for TN3270/TN5250 Aid key
- Option to Reset INSERT mode when a TN3270/TN5250 Aid key is pressed
- Option to restrict cursor movement to unprotected TN3270/TN5250 fields only
- Option to configure Backspace key for TN3270/TN5250 sessions



- Select areas of text using keyboard shifted arrow keys
- Automatic reset of X Inhibit condition using arrow keys
- Jump directly to a session using keyboard keys
- Numeric field checking
- Tablet PC writing stylus pen compatibility

Keypad

- Pop-up keypad accesses common host keys and macros with a single mouse click
- Multiple keypads can be created and saved
- Keypad can be interactively docked, resized and positioned
- Keypad size can range from 1x1 up to 14x8 rows and columns of buttons

Mouse

- Left, right, single and double click mouse actions can be configured or fully customized
- Wheel Scroll Up or Scroll Down can be customized
- Pop-up floating menu to access common menu commands

Toolbar

- Multiple toolbar schemes can be created and saved
- Small or large toolbar icons, with or without text, with or without tool tips
- Custom bit-map icons can be imported and used on toolbar
- Toolbar can be interactively docked, resized and positioned

VT and SCO ANSI Features

- Scroll back buffer
- Extended text color support
- Double height and double width characters
- Scrolling speed is configurable
- Answer back message is configurable
- Ability to highlight text in either line mode or block mode

Host Printing Features

- Host printing through TN3270E or TN5250E client
- TN3270E generic, specific and associated printer support
- TN5250E generic and specific LU Names
- VT pass-through printing
- LU Name, printer status and SSL indicators
- Use of right mouse button to select printer, edit properties, etc.
- Font selection of local PC fonts
- Transparent printing for 3270 printer sessions
- Host print transform for 5250 printer sessions
- End of print job detection options



Diagnostic Tools

- Connection Log
- Data stream trace facility
- Low level trace facility
- FTP trace facility
- HLLAPI trace facility

International Support

- International host code pages
- European currency symbol support
- Multi-national keyboard support
- International Dead Key
- Program setup, product menus and dialog boxes can be viewed in one of six languages: English, German, Spanish, French, Italian and Portuguese (Europe and Brazil)

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