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Blue Prism Mainframe Guide Powerterm InterConnect

Document Revision 1.0



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Blue Prism Limited, 2 Cinnamon Park, Crab Lane, Warrington, WA2 0XP, United Kingdom Registered in England: Reg. No. 4260035. Tel: +44 370 879 3000. Web: <u>www.blueprism.com</u>

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Ericom Powerterm InterConnect

Pre-Requisites

The following software versions are not essential. They are merely indicative of what has been successfully tested. Other versions and settings may also work.

- Blue Prism v5.0.18 or above
- Ericom Powerterm InterConnect 10.2

About PowerTerm InterConnect Demo							×
	PowerTerm® InterConnect Demo for Windows XP/2003/2008/7/2008 R2/8/2012 Demo version 10.2.0.0.20140624.1dev34574 Serial Number: Evaluation Copyright® 1994-2014 Ericom® Software 29 days remaining to license PowerTerm						
	NORT) Tel: Fax: Email: Web:	HAMERICA (201) 767 2210 (201) 767 2205 info@ericom.com www.ericom.com	UK and Tel: Fax: Email: Web:	WESTERN EUROPE +44 (0) 845 644 3597 +44 (0) 845 644 3598 info@ericom.co.uk www.ericom.co.uk Extend License	INTERI Tel: Fax: Email: Web:	VATIONAL +972 (2) 591 1700 +972 (2) 571 4737 info@ericom.com www.ericom.com	
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Powerterm Configuration

• Terminal → Setup

Terminal Setup						
Emulation General Keyboard Printer Colors Preferences						
VT Terminals VT 52 VT 100 VT 220-7 VT 220-8 VT 320-7 VT 320-7	IBM Terminals 3270 Display 3270 Printer General Terminals TANDEM HP 700 DG SIEMENS SIEMENS IBM 3151	C 5250 Display 5250 Printer ANSI Terminals SCO-ANSI BBS-ANSI AT386 AIXTERM C LINUX C XTERM C WYSE 370	- ASCII Terminals - WYSE 50 - WYSE 50+ - WYSE 60 - TVI 910+ - TVI 920 - TVI 920			
C VT 320-8 C VT 420-7 C VT 420-8 C VT 525-7 C VT 525-8			 TVI 925 TVI 950 TVI 955 ADDS VP A2 HZ 1500 			
OK Cancel Defaults Help						

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- In the Emulation tab select "3270 Display" to emulate an IBM 3270 terminal
- In the General tab ensure that the correct session Short Name is configured under the setting "HLLAPI Names"

Terminal Setup							
Emulation General Keyboard Printer Colors Preferences							
General ID 3278-2-E (24x80) ▼ □ Unscaled Screen □ Show Response Time	Cursor Ruler Cursor Crosshair C Horizontal C Vertical Visible Cursor Block C Underline Ins Change Visible Visible	Appearance					
HLLAPI Names	Code Page	Alternate Size					
Short A	lost English (USA) 💌	Rows 24					
Long	PC ISO Latin-1	Cols 80					
OK Cancel Defaults Help							

- The Blue Prism software (everything under the 'C:\Program Files\Blue Prism Limited\Blue Prism Automate' folder) needs to be copied into the installation folder for Powerterm.
- Communication → Connect screen needs to be set up to connect to the correct host and port number, and a session type of "TN3270":

Connect 💽					
Session Type TN3270 MS SNA Server NWSAA (IPX) NWSAA (TCPIP)	Parameters Host Name localhost Use TN3270E Protocol Port Number 23	LU Name			
Terminal Type 3270 Display ID 3278-2-E (24x8 Upon Connection Run Script File Setup File	Security Type: None				
		Connect Save As Rename Modify Delete Close Help			

- The Terminal \rightarrow ID needs to be a type which uses a grid size of 80 columns and 24 rows
- The Powerterm session needs to be running and connected.

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Blue Prism Configuration

• Application Modeller set to use "Ericom PowerTerm InterConnect (HLLAPI)"



- RMD (HTTP/XML)
- Rocket PASSPORT (COM API)
- Session Identifier is A
- Application Manager mode is "Embedded (default)" (to support 32-bit software)

The "Launch" button in the Application Modeller will now connect to the running session.

Spying field in the Powerterm session

The fields within the session can be spied using the Identify button and will produce a Win32-style highlight, allowing you to select the whole mainframe session screen. Left-clicking this highlight will produce the mainframe spy grid, allowing you to define mainframe fields.