

Create modern and intuitive Web UIs from legacy 3270 screens

[Virtel Screen Designer \(VSR\)](#) converts legacy 3270 screen UIs into modern-looking and user-friendly Web UIs. But unlike other solutions that rely on server-based Web applications, VSR:

- Exploits existing 3270 screen UIs: does not require developing new screenless transactions and web services to expose 3270 data to middle-tier servers.
- Utilizes [Virtel Web Access](#) infrastructure to serve Web UIs pages from the host straight to the user's Web browser through secure HTTPS connections: doesn't require TN3270 connections, middle-tier servers, or client applets.
- ***Is designed to be used by 3270 application developers familiar with the legacy screen UIs and their users. No Web development skills (HTML5, JS, etc.) are required.***
- Uses automated screen capture, a visual drag-and-drop IDE, reusable screen-to-webpage conversion templates, and integrated widgets to accelerate development.
- Supports partial development and deployment for cost-control and earlier ROI.

While VSR does not address the fundamental challenges behind the drive to modernize or replace legacy 3270 applications (support, costs, limited functionality) it does provide a simple, safe, and cost-effective way to rapidly improve the 3270 applications' usability, accessibility, and user experience.

Key Features

- Converts outdated 3270 screen UIs to modern Web UIs
- Converts 3270 data entry fields to widgets, when applicable
- Meets any corporate Web presentation standards
- Works instantly with any Web-enabled client regardless of device, OS, or browser
- Deploys easily: simply point client web browsers to pre-defined URL
- Drag-and-drop IDE: no Web development skills or coding required
- Leverages developers' understanding of 3270 screen UIs and users
- Leverages Virtel Web Access (3270 TE) web-to-host infrastructure
- Supports progressive development and deployment
- No 3270 application change needed; no new development required
- No risk to negatively impact the 3270 applications
- No web services development required
- No middle-tier servers or client applets required
- Secure end-to-end encrypted HTTPS connections

SDS will be hosting a webinar in late February – visit www.sdsusa.com for webinar details in a couple of weeks. Also, be sure to visit us at [SHARE Orlando 2024](#) (Booth 109) for a demo and more information.

For a free VSR trial, please contact info@sdsusa.com.

Virtel Online User Training Videos

SysperTec also provides basic training videos that the Virtel administrator can share with users. These videos can be found at: <https://ftp-group.syspertec.com/file/d/Training/>

Virtel v4.62 Product Update

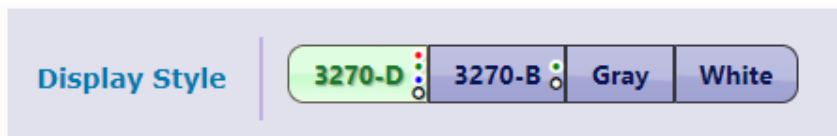
Virtel v4.62 is currently in the testing stage and should be available at the end of the first quarter of 2024.

Product Maintenance

We encourage our customers to update their Virtel product installations to the latest level to avoid experiencing Virtel product issues that have already been identified and corrected. We stand ready to support your product updates.

New Color Update Scheme for v4.61

With this new update Virtel461updt6055.zip, Syspertec, has redesigned the 3270 Default, and 3270 Base Display style. The Classic Renamed to 3270-B (3270-Base).



Virtel z/OS 4.61 PTFs

For z/OS customers who have installed Virtel V4.61, we would like to bring to your attention some important recently released PTFs applicable to Virtel.

PTF6063	RULESET NOT INITIALIZED CORRECTLY
PTF6061	Possible memory corruption leading to exhaustion of relay terminals High-Impact PERvasive (HIPER)
PTF6060	NO UNLOAD OF ARBO KEYWORD IN ENTRY STMT
PTF6057	SIGNON BOX, CHANGE ERR=9 AND ERR=11 BY UID/PWD ERROR
PTF6056	COOKIES ARE LOST AFTER EXITING THE VIRTEL SESSION
PTF6053C	COMPLETES PTF6053
PTF6053B	CORRECTS AN ERROR IN PTF6053A
PTF6053A	CORRECTS AN ERROR IN PTF6053
PTF6053	IF\$ SCREEN-IS-UNMODIFIED,THEN=FAIL MAY BLOCK DUE TO SNA FLAGS
PTF6052	CORRECT MDT FLAG RESET IN VIR0023
PTF6051	VIRT923E ERROR REQ: PTON - ERRNO: 00000031 (00000049)
PTF6041	S0C4-38 AFTER SNAP

Virtel z/VSE VSEn 4.61 PTFs

For z/VSE customers who have installed Virtel V4.61, we would like to bring to your attention some important recently released PTFs applicable to Virtel. (Virtel is certified with Century 21st Software)

PTF6061	Possible memory corruption leading to exhaustion of relay terminals High-Impact PERvasive (HIPER)
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Virtel z/OS 4.60 PTFs

For z/OS customers who have installed Virtel V4.60, we would like to bring to your attention some important recently released PTFs applicable to Virtel.

PTF6037	POSSIBLE MEMORY OVERLAY LEADING TO ABEND
PTF6027	CLONE VALUE NOT ACCEPTED FROM PARM FIELD IF NO IP ADDR
PTF6026	B37 ON VIRSTAT FOR STATS=SMF
PTF6015A	FIX POSSIBLE ABEND CONDITION INTRODUCED BY PTF6015
PTF6015	VIRTEL CPU LOOP CAN OCCUR FOLLOWING TELNET PING
PTF6012	CORRECT MESSAGE VIR0072I FOR SILENCE MESSAGE ADDED
PTF5999	SUPPORT FOR MAP\$ FROM VAIRABLE,JSON,VAR=
PTF5998	INVALID DISPLAY IN TERMINAL STATUS SCREEN
PTF5970	DISABLE LINES IF ARBO TYPE 2
PTF5961	COMPLETES 5927 ALLOW UNSOLICITED BIND FROM AN APPLICATION LIKE IBM DEBUGGER TOOL.
PTF5958	VIRS125E MQSAEH34 VIRSV REQUEST ERROR - R15 : 0000080C
PTF5940	REMOVE QUOTES AND UC CONVERSION FROM LOCADDR KEYWORD
PTF5937	AVOID ABEND AEIV AFTER UPDATING ARBO RULES @ HIGHER VIRTEL RELEASE
PTF5927B	CORRECT ERROR IN PTF5927A
PTF5927A	CORRECT ERROR IN PTF5927
PTF5910A	CORRECTS AN ERROR IN PTF5910
PTF5927	ALLOW UNSOLICITED BIND FROM AN APPLICATION LIKE IBM DEBUGGER
PTF5918	SCENARIO DISCARD FLAG IS RESET IF APPLICATION ISSUES CLOSEDESTPASS (customer specific)
PTF5912A	CORRECTS PTF5912
PTF5912	POSSIBLE ABEND ICH409I 283-024 ABEND DURING RACINIT PROCESSING PTF FOR VIRTEL VERSION >>>> 4.60 <<<<
PTF5910	VIRPLEX STARTUP INCORRECT IN VIRTEL 4.60
PTF5909	PASSPHRASE FIX FOR NOMIXEDCASE ENVIRONMENTS

PTF5908	IMPROVE SUPPORT FOR OMEGAMON GRAPHIC CHARACTERS
PTF5904	USERPARM 100% CPU AT VIRTEL STARTUP High-Impact PERvasive (HIPER)

Virtel z/VSE 4.60 PTFs

For z/VSE customers who have installed Virtel V4.60, we would like to bring to your attention some important recently released PTFs applicable to Virtel.

PTF5982A	Correction -VSE ABEND AFTER /READ COMPLETES ON CLOSED SESSION
PTF5982	VSE ABEND AFTER /READ COMPLETES ON CLOSED SESSION
PTF5963	VSE abend on /READ on CLOSED session
PTF5931	DECLARE\$ DISPLAY PROBLEMS

W2H-DIR/DOC-DIR Update Levels Virtel v4.61

UPDT6069 is a cumulative maintenance for all files stored in W2H-DIR/DOC-DIR directories with a Virtel product installation.

6069	Correct issues where the users have to hit ATTN key several times to return to application
6064	Fix a bug (click twice was needed on the options button)
6055	Color change in particular change the CSS names for the NOCOLOR

W2H-DIR/DOC-DIR Update Levels Virtel v4.60

UPDT6010 is a cumulative maintenance for all files stored in W2H-DIR/DOC-DIR directories with a Virtel product installation.

6058	W2H cumulative SVN update
6042	Add buttons in the toolbar for TBT WebAccess features
6035	Small Adjustments in VWA, Possible Adding of Options in the TBT400 WebAccess Toolbar
6010	Avoid the Update 6007 blocking Virtel with EDGE in IE11 compatibility mode
6007	Correct a change in the implementation of (new Date).toLocaleTimeString() in Chrome
5968	Improvement on update 5965 (TBT WebAccess) and minor correction to cAppMenu-main for favicon (Virtel WebAccess)
5965	Support for input fields with FER attribute (TBT WebAccess) and minor change in WEB2HOST.htm template (Virtel WebAccess)
5960	Enhancement of cAppMenu (PFkeys allowing to connect an application TSO, CICS, ...) Add of an option to inhibit the Copy/Paste Append Mode
5946	New VWA Key Mapping option - Make scroll up/down mouse actions customizable

z/OS Product and z/VSE Support

Virtel v4.59 thru v4.61 are certified as compatible with all levels up to z/OS 2.5 and z/VSE 6.2 and VSEn 6.3 Century 21.

Send comments and suggestions to info@sdsusa.com.