

# SDS VIRTEL NEWSLETTER

## January 2026 Edition

### Release of Virtel v4.63 Announcement

SDS and their partner Virtel, a Syspertec Group company, proudly announces the **release of Virtel 4.63** – the latest version of our web-enablement suite designed to modernize 3270 mainframe applications with zero code changes. This new version focuses on four key pillars: **connectivity**, **security**, **usability**, and **administration**.

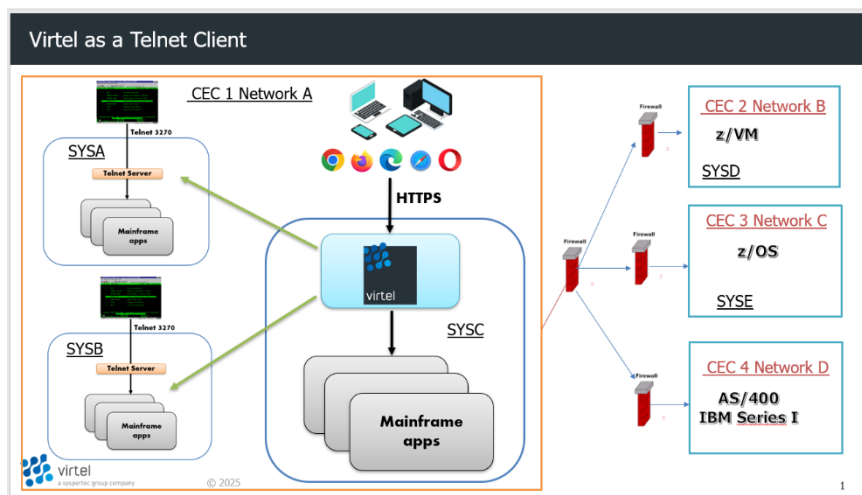
#### Highlights:

- **Native TN3270 client** – Simplify access to multiple mainframe environments via a single, centralized gateway.
- **End-to-end security** – SSO integration (AD, OIDC, SAML), enhanced session token management, customizable HTTP headers, and tighter RACF/TSS integration.
- **Enhanced user experience** – Better TSO/OMVS stability, improved 3270 interface visibility and theming with custom CSS.
- **Improved administration** – New 3270 admin panel, LU Nailing management, VIRCONF versioning, and Virplex support.
- **Performance & compatibility** – Support for ICC consoles, model 3/4/5 terminals, and stronger proxy handling with Long Poll Keepalive.

[Read The Press Release](#)

### Tips for Virtel Administrators

The Virtel administrator can now define Telnet TN3270 access to multiply mainframes, z/OS, z/VM, IBM Series I, OSA ICC MVS Consoles. Through one Virtel STC instance.



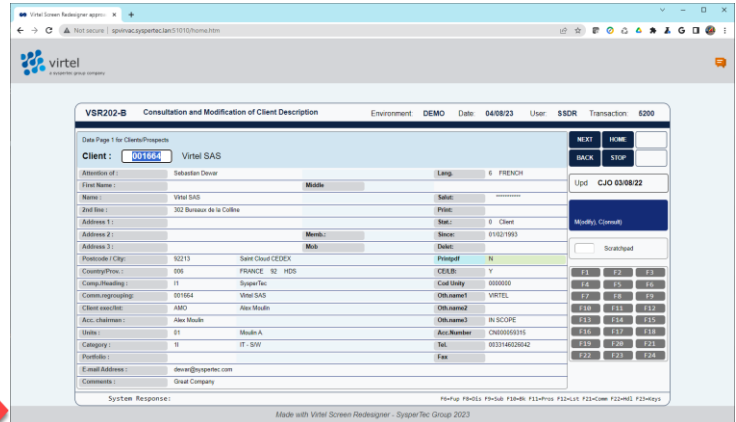
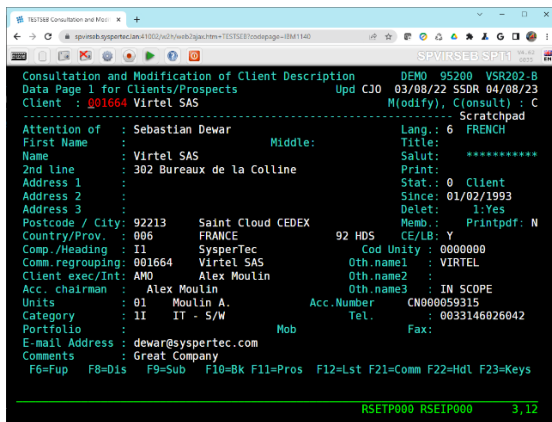
## Release of Virtel Screen Redesigner v1.08.03 Announcement

### Virtel Screen Redesigner: Say Goodbye to Green Screens – Without Writing a Line of Code!

Virtel, a Syspertec Group company, proudly announces the **release of Virtel Screen Redesigner v1.08.03**, the latest version of our web-enablement suite designed to modernize 3270 mainframe applications with zero code changes.

Still relying on 3270 mainframe applications? It's time to reimagine the user experience—without the hassle of rewriting or redeveloping your apps.

With **Virtel Screen Redesigner**, you can transform old-school green screens into sleek, modern web interfaces—quickly, intuitively, and without touching the existing code. Our **no-code** tool empowers your mainframe team to create branded, interactive web pages with ease.



- ☑ Intuitive drag-and-drop editor
- ☑ Built-in widgets (menus, dropdowns, buttons...)
- ☑ Runs directly on the mainframe – no external servers
- ☑ Let users choose: classic or modern interface
- ☑ No disruption, no risk to core systems

Why choose complexity when you can go simple *and* powerful?

#### Highlights:

- **Menu Widget ID** - Improved handling of the menu widget ID, making it usable when multiple menus are present on the same screen.
- **Error Handling** - All errors are now displayed in a dialog and logged.
- **Logging exchange between VSR and Virtel** - Enhanced logging of interactions between VSR and Virtel.
- **Initial Component Layout** - Content in an initial component now wraps to a new line when necessary.
- **Screen case Creation and unexpected character** - If an unexpected character is present during screen case creation, an error message is displayed.
- **Unexpected Characters Management** - A new JSON file is generated to handle unexpected characters more effectively.

VIRTEL continues to offer free, no obligation trials of the complete Virtel Web Suite of mainframe access, UI modernization, and application integration technologies, complete with expert technical support during the trial period. Please contact SDS for details.

## Virtel Screen Redesigner

Are you new to Virtel Screen Redesigner or looking to learn more about how it works? Our online training videos are designed to help Virtel administrators easily train users on how to modernize 3270 screens.

## Virtel Web Suite – Tutorial Videos

To make it easier to get started with Virtel, we offer a series of short and effective videos covering the key features of the Virtel Web Suite.

Share them with your users for faster adoption!

Reach out to [Syspertec's z/Academy](#) for additional information.

## 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.

### **Virtel z/OS 4.63 PTFs**

For z/OS customers who have installed Virtel V4.62, we would like to bring to your attention some important recently released PTFs that should be applied to your Virtel installation.

PTF6215	TCP READ ERRORS REASON 000003F1 WITH LPKALIVE ACTIVE
PTF6218	NFORCEIP=YES WILL FREE RESOURCES
PTF6223	VARIOUS FIXES TO ADMIN SUB-APPLICATIONS
PTF6219	DELETE TRANSACTION REQUIRES VIRTEL RESTART
PTF6223	VARIOUS FIXES TO ADMIN SUB-APPLICATIONS
PTF6224	SCREENLOCK LEADS TO SESSION CLOSE

### **Virtel z/OS 4.62 PTFs**

For z/OS customers who have installed Virtel V4.62, we would like to bring to your attention some important recently released PTFs that should be applied to your Virtel installation.

PTF6219	DELETE TRANSACTION REQUIRES VIRTEL RESTART
PTF6215	TCP READ ERRORS REASON 000003F1 WITH LPKALIVE ACTIVE
PTF6207	FIX MULTI-RULE PROCESSING WITH =HTFORWD
PTF6186	INCREASE LU NAILING TABLE SIZE FOR 4.62
PTF6182	INTERPRET VARIABLES IN THE HEADER FIELD OF OPTION\$

PTF6180	PASSPHRASE CLEANUP FOR SEC.4
PTF6179	LOGMODE NOT USED IF PRESENT IN URL. DEFAULTS TO SNX32702
PTF6172	GET MINIMUM PASSPHRASE LENGTH FROM TCT
PTF6168	VIR0TNET PSEUDOS ARE NOT RELEASED CORRECTLY
PTF6162	MULTIPLE CALLS TO SAF WITH INVALID PWD CAN LEAD TO REVOKED USER High-Impact PERvasive (HIPER)
PTF6161	INVALID SAF CALL FOR NAME-OF GROUP IF NOT SIGNED ON
PTF6155	LU NAILING FILLS INTERNAL TABLE WITH PATRICIA LIST ELEMENTS
PTF6147	LINE STATUS DISPLAY PF7 RETURNS TO TOP OF FIRST PAGE
PTF6142	POSSIBLE ABEND AFTER RECEIVING A SERIES OF INVALID VIRTELSESSION
PTF6136B	COMPLETES PTF6136A FOR ADDRESSES NOT IN 15 CHARACTERS FORMAT
PTF6136A	CORRECTION TO PTF6136
PTF6136	PTON 00000031 (00000049) error with CALLER=(BEGIN RULE
PTF6134	USSTAB - ENSURE PARM6 IS INITIALIZED BEFORE CALLING RECVMAP
PTF6129	VIRCONF UNLOAD DOES NOT WORK FROM A VIRPLEX WRITER TASK
PTF6120	VSR - INCORRECT LENGTH FOR INITIAL-COMPONENTS
PTF6115A	COMPLETES PTF6115 - 283-04C ABEND IN RACINIT AFTER TIMEOUT
PTF6115	SECU=5 - 283-04C ABEND IN RACINIT AFTER TIMEOUT
PTF6114	LOGON HANGS FOR REVOKED PASSPHRASE USER
PTF6113	SCENARIO NOT CALLED ON NON-HTTP LINE
PTF6109	MQCLOSE WHEN STOPPING AN MQ LINE
PTF6108	ENSURE DEACTIVATE FREES LU FOR REUSE

### 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 that should be applied to your Virtel installation.

PTF6134	USSTAB - ENSURE PARM6 IS INITIALIZED BEFORE CALLING RECVMAP
PTF6114	LOGON HANGS FOR REVOKED PASSPHRASE USER
PTF6113	SCENARIO NOT CALLED ON NON-HTTP LINE
PTF6109	ADAPT TO RANDOM IP ADDRESS CHANGES
PTF6101	EXCESSIVE PASSWORD ATTEMPTS DUE TO INVALID REALM
PTF6093	USERPARM WITH SECU=5 and PassOnIdentification:True

PTF6080	IMSCONNECT NO CLOSE AFTER RC 8
PTF6075	ADAPT TO RANDOM IP ADDRESS CHANGES
PTF6074	DUPLICATE MESSAGE VIRIC52I
PTF6070	CASE\$ TESTING BLANK ON SCREEN
PTF6065	POSSIBLE INVALID HEADER IN 304 RESPONSES
PTF6063	RULESET NOT INITIALIZED CORRECTLY
PTF6061	Possible memory corruption leading to exhaustion of relay terminals <b>High-Impact PERvasive (HIPER)</b>
PTF6060	NO UNLOAD OF ARBO KEYWORD IN ENTRY STMT
PTF6057A	REINSTATE PASSWORD EXPIRY MSG
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 4.62 PTFs

For z/VSE customers who have installed Virtel V4.62, we would like to bring to your attention some important recently released PTFs that should be applied to your Virtel installation. (Virtel is certified with 21<sup>st</sup> Century Software)

PTF6142	POSSIBLE ABEND AFTER RECEIVING A SERIES OF INVALID VIRTELSESSION
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#### 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 that should be applied to your Virtel installation. (Virtel is certified with 21<sup>st</sup> Century Software)

PTF6061	Possible memory corruption leading to exhaustion of relay terminals <b>High-Impact PERvasive (HIPER)</b>
PTF6101	EXCESSIVE PASSWORD ATTEMPTS DUE TO INVALID REALM

## 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 that should be applied to your Virtel installation.

PTF6134	ENSURE PARM6 IS INITIALIZED BEFORE CALLING RECVMAP
PTF6074	DUPLICATE MESSAGE VIRIC52I
PTF6061	POSSIBLE MEMORY CORRUPTION WHEN RULE IS ABSENT
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 VARIABLE, 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 <b>High-Impact PERvasive (HIPER)</b>

## 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 that should be applied to your Virtel installation.

PTF6061	POSSIBLE MEMORY CORRUPTION WHEN RULE IS ABSENT
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 v4.63

**UPDT6221** is a cumulative maintenance for all files stored in W2H-DIR/DOC-DIR directories with a Virtel product installation.

6221	Longpoll Synchronization conditional trace messages update
6216	Longpoll Synchronization Input Output to improve user interface experience in the 3270 screen + minor changes in the documentation files
6214	First Update for 463 Macro Playback Panel fix + UTF8 in help doc + many updated comments

## W2H-DIR/DOC-DIR Update Levels Virtel v4.62

**UPDT6205** is a cumulative maintenance for all files stored in W2H-DIR/DOC-DIR directories with a Virtel product installation.

6205	CtrlRight repetition regression fixed
6204	Input fields highlighted regression fixed: when the input field contains colored characters, after the activation of the highlight option option, the characters lost their initial colors and are displayed in green.
6197	Right Ctrl + Insert associated to PA1 fix, add update version number to some paths in the htm files.
6185	Special Edge IE11 Compatibility Mode corrections: No cursor in Password field in white web3270-D and -B styles, and some inoperative keys and keys combinations in EDGE/IE11 except Joker key and scancode.htm page updated.
6174	Ctrl+PFkeys shortcut for macros correction, invisible cursor on white field correction in white style for the 3270 screens.
6152	Keyboard event for decimal dot added for physical keyboard with comma, customization: renaming of the Virtel name property
6148	Add new parameter UPARMS=(USERPARM,VIRPLEX) for sharing of VIRHTML in a Virplex (contact Support for more information)
6137	Specific treatment for ATTN key in AJAX request, VWA removeChild(node) fix, default behavior for PF1 key and new way to customize colors for 3270 and gray styles (cf note 7)



6127	correction of a potential bug due to SYSANG undefined (the browser language is taken), modified character color above the cursor, changed background color for hotspots and hotspot bug fixed
6125	keypad logic (ATTN, CLEAR, PA1, PA2, PA3), auto capture fix, parameters settings panel IE11 compatibility, capture print style adapted, 3270 color and cursor classes reworking, caret no setting fix, hotspots reworking, macro logic adapted to make it relate possibly various keyEvent, joker key adaptation, keycode reworking.
6121	Keymapping enhancements and corrections
6103	Base Update level for v462

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

**UPDT6205** is a cumulative maintenance for all files stored in W2H-DIR/DOC-DIR directories with a Virtel product installation.

6205	CtrlRight repetition regression fixed
6204	Input fields highlighted regression fixed: when the input field contains colored characters, after the activation of the highlight option option, the characters lost their initial colors and are displayed in green.
6174	Ctrl+PFkeys shortcut for macros correction, invisible cursor on white field correction in white style for the 3270 screens.
6152	Keyboard event for decimal dot added for physical keyboard with comma, customization: renaming of the Virtelname property
6137	Specific treatment for ATTN key in AJAX request, VWA removeChild(node) fix, default behavior for PF1 key and new way to customize colors for 3270 and gray styles (cf note 7)
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

**UPDT6058** 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, VSEn and z/VSE Product Support**

Virtel v4.60 thru v4.62 are certified as compatible with all levels up to z/OS 3.2, z/VSE 6.2 and VSEn 6.3 (from 21CS). See our Web site for product support details.

<https://www.virtelweb.com/support-resources/product-support.html>

Send comments and suggestions to: [info@sdsusa.com](mailto:info@sdsusa.com)