

## **VIRTEL announces release of Virtel 4.63: a major new version to better connect, secure, and simplify access to any mainframe application**

**Saint-Cloud, December 18, 2025** – Virtel today announces the release of **Virtel 4.63**, the latest version of its **Virtel Web Suite**, software designed to modernize mainframe application access, usability and interoperability. This strategic upgrade brings significant enhancements in **connectivity**, **security**, and **administration**, enabling organizations to streamline access to their 3270 systems while meeting current IT expectations and the most stringent security standards.

---

### **A more connected gateway for mainframe environments**

**Virtel 4.63** now embeds a native **TN3270 client** within the Virtel server, enabling **Telnet session forwarding** to other TN3270 servers (e.g. z/VM, other z/OS systems, IBM i servers, consoles, etc.). Organizations now benefit from a **single, centralized access point** to multiple mainframe environments, simplifying both IT infrastructure and operations.

---

### **End-to-end security aligned with modern standards**

Virtel 4.63 introduces a number of robust security enhancements:

- **Extended SSO:** support for external authentication providers (AD, OIDC, SAML...), allowing users to log in using their Windows credentials.
  - **Reinforced session tokens:** token information is removed from URLs to prevent leakage in logs and browser history.
  - **Custom HTTP headers:** allows better alignment with enterprise web security policies.
  - **Improved RACF/TSS integration:** better handling of passphrases, passtickets, session timeouts, and revoked users.
- 

### **User Interface Performance Improvements**

This new version brings several improvements to overall Virtel performance and usability:

- **Improved TSO/OMVS session reliability**, retaining the command line state across sessions.
  - **3270 Interface Enhancements**, featuring a more visible cursor and improved language support.
  - **Advanced template theming** using custom CSS files for tailored user interfaces.
-

## Simplified, faster, and safer administration

Virtel 4.63 includes valuable new or enhanced product administration capabilities:

- A new **3270 admin panel** to monitor and terminate active sessions.
  - **Centralized LU Nailing** management directly within the ARBO configuration.
  - Improved **VIRCONF versioning**, easing configuration maintenance.
  - Enhanced support for **Virplex (Sysplex) environments**.
- 

## Increased stability, performance, and interoperability

Numerous technical optimization enhancements strengthen Virtel's robustness and adaptability:

- Improved **Long Poll Keepalive** for better compatibility with network proxy servers.
  - Enhanced support for **ICC consoles** and **model 3/4/5 terminals**.
  - **Scenario language** updates with new logic blocks to handle complex cases.
- 

## A concrete response to mainframe modernization challenges

Virtel 4.63 is part of Virtel's commitment to **non-disruptive mainframe application modernization**. The Virtel Web Suite enables evolution in **access, user interface/user experience (UI/UX)**, and **connectivity** of 3270 applications **without modifying code**, while improving security, usability, and integration with distributed or Cloud-based IT systems.

---

## About Virtel

**Virtel**, a subsidiary of **Syspertec Group**, has been providing mainframe solutions since 1993. The company offers a comprehensive approach to modernizing and extending the life of legacy systems at the core of large enterprise IT infrastructures, centered around three key pillars:

1. **Software Solutions:** Virtel develops the **Virtel Web Suite**, a comprehensive set of software tools to modernize the access, usability, and interoperability of an enterprise's important mainframe assets, **without any source code changes**.
2. **Training Services:** Virtel offers an extensive mainframe training catalog, delivered by expert z/Systems instructors. Courses can be tailored to meet the specific needs of each organization.
3. **Support and Maintenance Services:** With its **z/Heritage** offer, Virtel provides expert support and maintenance for complex mainframe applications and systems.

This full-spectrum approach positions Virtel as a key partner for large enterprises seeking to **maintain and evolve their mainframe environments**, combining **technological modernization, team empowerment**, and **expert support** to ensure long-term viability in the digital transformation era.

**To learn more about Virtel 4.63 or request a demo:**

 [info@syspertec.com](mailto:info@syspertec.com)

 [www.virtelweb.com](http://www.virtelweb.com)