

## **M/s Riz Technology Deploys State-of-the-Art VDI Solution for Cyber Security & AI labs at Riphah International University (RIU), Gulberg Campus, Islamabad – Year 2025**

M/s Riz Technology, a leading systems integrator and IT solutions provider, has successfully delivered a state-of-the-art Virtual Desktop Infrastructure (VDI) solution for Cyber Security & AI labs at M/s Riphah International University (RIU), Gulberg Campus, Islamabad.

### **Project Overview**

The objective of this deployment was to transform RIU's computing labs into a modern, secure, and high-performing virtualized environment. By moving away from traditional PC-based setups, RIU now benefits from centralized computing power, simplified IT management, and enhanced user experiences for both students and faculty.

### **Technology Stack:**

- 1. Dell PowerEdge Servers – delivering enterprise-grade performance, high availability, and scalability to host virtual desktops and applications.**
- 2. HP Thin Clients with Borderless Displays – providing a sleek, space-saving, and energy-efficient endpoint experience, ensuring comfort and productivity in lab environments.**
- 3. Windows Client-Based RDP Protocol Stack – enabling secure, high-performance remote desktop access with compatibility for academic and administrative applications.**
- 4. LAN/WAN Connectivity Setup – M/s Riz Technology designed and deployed a robust campus-wide network infrastructure, ensuring low latency, high bandwidth, and seamless connectivity across labs and learning spaces.**



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### Key Benefits for RIU

**Modern Learning Environment:** Students benefit from faster logins, smooth application access, and ergonomic thin-client setups with borderless displays.

**Centralized Control & Management:** IT teams can efficiently manage desktops, push updates, and enforce security policies from a single server platform.

**Enhanced Security:** Data resides in secure data center servers, minimizing endpoint vulnerabilities and ensuring compliance with university IT policies.

**Operational Efficiency:** Thin clients reduce hardware maintenance, lower energy costs, and extend device lifecycles.

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**Seamless Networking:** The LAN/WAN backbone ensures uninterrupted connectivity and reliable access to academic resources.

**Future-Ready Scalability:** Infrastructure designed to expand easily as student numbers and academic workloads grow.

### **Strategic Value**

This deployment highlights Riz Technology's strength in delivering turnkey IT lab solutions, combining server infrastructure, endpoint devices, and networking expertise into a cohesive solution. The RIU Gulberg Campus project serves as a model for digital transformation in higher education, showcasing M/s Riz Technology's ability to integrate performance, security, and user-centric design.

### **Conclusion**

By implementing this state-of-the-art VDI solution, M/s Riz Technology has empowered RIU Gulberg Campus to enhance its teaching, learning, and administrative efficiency, positioning the university as a forward-looking institution that embraces digital transformation. This project reflects M/s Riz Technology's ongoing commitment to delivering reliable, secure, and innovative IT solutions for the education sector.

### **M/s Riz Technology - Enabling Digital Transformation in Education.**

