VCLOUDPOINT
ZERO CLIENT DEVICE

"Simplify Computing, Amplify Efficiency"

Cost-effective, Energy Efficient & User-friendly Computing Solution

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Company Profile

vCloudPoint Zero Clients provide a modern, cost-effective way to replace traditional desktop computers. Instead of purchasing multiple PCs, you can connect up to 99 vCloudPoint devices to a single Windows computer acting as a server. This allows multiple users to work simultaneously, reducing costs while offering the same computing experience as a desktop PC. For schools, offices, and organizations, vCloudPoint is the ideal solution for setting up computer labs, classrooms, libraries, or office workstations. It's eco-friendly, cost-efficient, and designed to simplify management without compromising performance.

Problem Statement

Traditional shared computing solutions and desktop setups come with significant drawbacks:

High Costs: Buying and maintaining multiple PCs increases expenses for hardware, electricity, and upgrades.

Limited Control: Teachers and managers cannot easily monitor or control user activities or set individual access rights.

Poor User Experience: Existing shared computing systems often deliver low-quality visuals, slow performance, and limited compatibility with modern software.

Complex Maintenance: Frequent breakdowns, data security issues, and inconsistent user experiences create unnecessary hassles for administrators.

Environmental Impact: High energy consumption and large amounts of e-waste harm sustainability efforts.

These issues make traditional systems less practical for schools and offices aiming for cost efficiency, performance, and easy management.

Solution Offered

vCloudPoint Zero Clients revolutionize shared computing by providing a smart, affordable, and user-friendly alternative. Here's how:

Cost Savings: Reduce hardware costs by up to 70% and electricity costs by 95%. One server can support up to 99 users, cutting down on individual PC purchases.

Enhanced Control: Administrators can easily manage user activities, monitor performance, and configure settings remotely using the vMatrix Server Manager.

Seamless Performance: Deliver high-definition visuals, real-time responsiveness, and smooth multitasking without quality compromises.

User-Friendly Design: Easy to deploy, maintain, and scale, making it perfect for schools, offices, and training centers.

Eco-Friendly Solution: Reduced energy consumption and minimized e-waste contribute to sustainability goals.

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Milestones

Below are few of the successful deployment of vCloudPoint Zero Client devices in Nepal.

- GEMS School
- Kathmandu World School
- Nisarga Batika School
- LA Education Group
- Xavier Academy
- Asian Public School
- Matribhumi School
- Chanakya College
- Everest Bhaktapur School
- Kathmandu Pragya Kunja

- KIEC Education
- CIEC Consultancy
- AIP Education Limited
- Grace International Consultancy
- Pac Asia Consultancy
- AMDA Institute
- Api School
- Deep High School
- Thapathali Engineering College
- Banepa NIST College

- Ncell Axiata Limited
- Dhulikhel Hospital
- Aqua World
- Maruti Print & Pack Ltd.
- E-Spot Nepal
- Raniban Pathshala School
- Global Pathshala
- Radiant Public School
- Bhaktapur Sainik Awasiya School
- Pokhara University

Specifications

1 Year Warranty on all Products | Prices are inclusive of VAT.

① Power/ Reset Button
② USB2.0
③ 3.5mm Microphone
④ 3.5mm Speaker
⑤ 10/100 Mbps Ethernet
⑥ USB2.0
⑦ VGA Display Port
⑧ 5V DC Power Input

① VGA Display Port
② HDMI Display Port
③ 10/100/1000 Mbps Ethernet
④ 5V DC Power Input
⑤ USB2.0
⑥ 3.5mm Speaker
⑦ 3.5mm Microphone
⑧ USB2.0
⑨ Power/ Reset Button

S100	MRP Rs. 14,000/-

V1	MRP Rs. 16,000/-

Secure User Isolation:
Each user has a private workspace on a disk partition, inaccessible to others. Admins can configure partition visibility.

Any Media File Format:
Full HD 1080p (32 bits @ 60Hz) for all media formats (for local and web-embedded videos on most media players. Supports native audio with 16 bits, 44.1Khz/ 48Khz audio input.

Compatible USB Devices:
Works with memory devices, headphones, printers, scanners, touch screens, U Keys, card readers, USB converters, and webcams.

Native Driver Support:
USB peripherals never require specialized client drivers to work - just a native Windows driver is required.

Consistent Experience:
Microsoft Windows XP SP3 Pro 32bits, 7, 8 ,8.1,10 & 11 (excluding Starter, Home Basic and Insider editions), Server 2003 32 bits, 2008R2, 2012, 2012R2, 2016,2019, 2022, Multipoint Server 2011, 2012
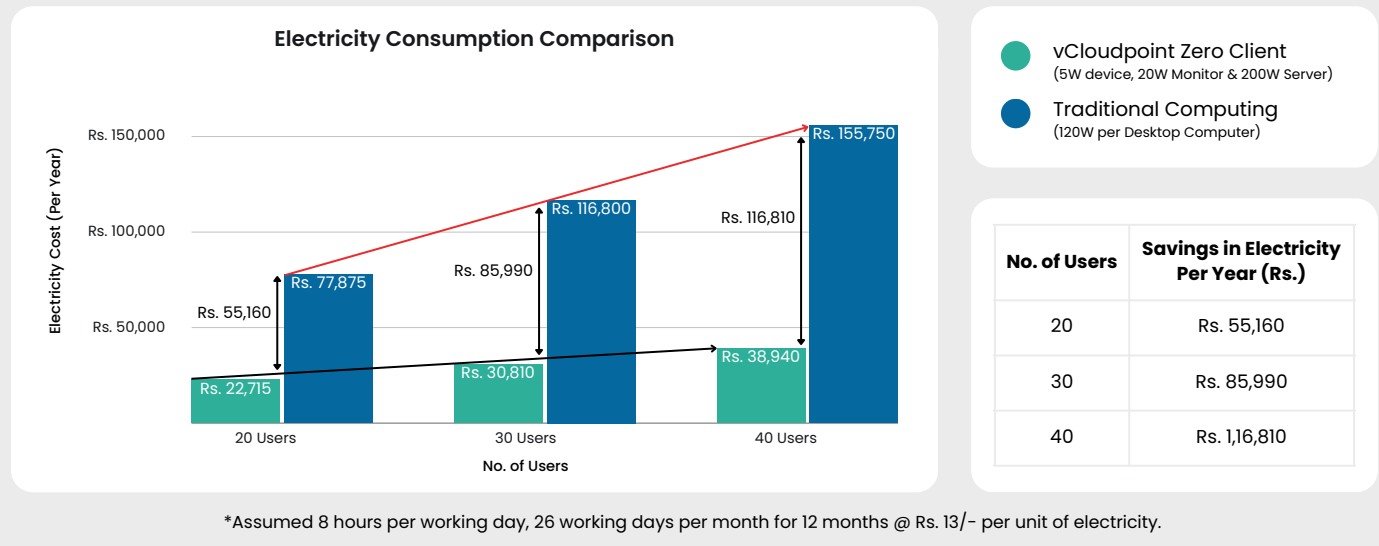
Management Software

The vMatrix Server Manager simplifies managing vCloudPoint Zero Clients, offering powerful tools in an easy-to-use interface. The functions performed by vMatrix Server Manager software include:

- Monitor and control system resources (CPU, memory, storage, and network) remotely.
- Create and manage user accounts, passwords, and desktop sessions.
- Configure user-specific settings for USB, audio, video, and privacy controls.
- Broadcast the administrator's desktop to end-users for presentations or training.
- Communicate easily with users through an integrated chat tool.
- This centralized management ensures seamless operations and reduces IT overhead, making it ideal for classrooms, offices, and other shared computing environments.

Power Consumption Comparison

vCloudpoint Zero client helps you to save a lot in electricity. The table below illustrates the potential annual electricity cost savings with vCloudpoint compared to Traditional Computing.

Electricity Consumption Comparison

Electricity Cost (Per Year)

- Rs. 150,000 — Rs. 155,750
- Rs. 100,000 — Rs. 116,800
- Rs. 50,000

No. of Users	20 Users	30 Users	40 Users
vCloudpoint Zero Client	Rs. 22,715	Rs. 30,810	Rs. 38,940
Traditional Computing	Rs. 77,875	Rs. 116,800	Rs. 155,750
Savings	Rs. 55,160	Rs. 85,990	Rs. 116,810

No. of Users

- 🟢 **vCloudpoint Zero Client** (5W device, 20W Monitor & 200W Server)
- 🔵 **Traditional Computing** (120W per Desktop Computer)

No. of Users	Savings in Electricity Per Year (Rs.)
20	Rs. 55,160
30	Rs. 85,990
40	Rs. 1,16,810

*Assumed 8 hours per working day, 26 working days per month for 12 months @ Rs. 13/- per unit of electricity.

Conclusion

At Sir Power Pvt. Ltd., our mission is to provide innovative and cost-effective computing solutions that deliver maximum value. By adopting vCloudPoint Zero Clients, organizations can significantly reduce costs, enhance user experiences, and simplify system management—all while contributing to eco-friendly practices.

We invite you to experience the benefits of this advanced shared computing solution. Whether you're upgrading your infrastructure or setting up new workstations, vCloudPoint is a reliable, future-ready choice. Contact us today to learn more or schedule a demonstration!

Contact us

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