Walchand College Moves to the Cloud to Provide Infrastructure as a Service (IaaS)

Walchand College of Engineering is an Autonomous Engineering Education institute in the city of Sangli, Maharashtra, India. The WCE campus is situated on nearly 90 acres of land in Vishrambag, roughly midway between the twin cities of Sangli and Miraj.

Objective –

Walchand College's IT department want to set up their own cloud system and as a first step towards cloud they want to create" self-service portal" for Infrastructure delivery. Objective was to create dynamic test and development infrastructure for students which can rapidly activate and deactivate test and development environments, to quickly repurpose infrastructure without reinstallation.

Business benefits –

- Design and provision infrastructure services in minutes via a self-service portal
- Increase the speed of change – By reducing steps for key tasks, Walchand's IT department can now accelerate key technology projects, For instance, moving a workload from one server to another with a simple drag and drop takes minutes while traditional approaches can take days and often require extensive coordination between server, storage, networking, and facilities groups.
- Improve quality –HP Matrix OE enabled Walchand College to provide high availability and maintain quality of service levels more cost effectively than traditional clustering. By redeploying logical servers easily in the event of hardware failure, College can enjoy fast protection, which was previously unaffordable.

Solution at a glance –

- HP BL-465c Blade Servers   with HP C7000 Blade Enclosure
- HP Storage MSA 2040
- HP Matrix Operating Environment for ProLiant with Insight Control

Execution

Vintech was present in the case right from the beginning, from seeding the idea, developing the case as per college requirements and convincing the key stake holders. Once the investment decision was taken, Vintech pre sales team took it forward by designing the optimum solution and preparing the bill of material as per the budget allotted. Once the order was placed, Vintech implementation team did all the necessary pre installation checks at the site and got it ready with required power, cooling etc. The actual installation happened smoothly without any hitch with hardware and then the software layer of HP Matrix OE getting installed one after another. The self-service portal was customised as per College needs and the entire project was handed over to the authorities within stipulated time.