Solution Brief: Virtual Hosting Solutions

Opus Interactive is the only independently owned, Portland-based provider of virtualization solutions. With onsite virtualization engineers, we can configure nearly every imaginable virtual hosting solution for nearly any challenge. We can offer numerous configurations of Virtual Dedicated Servers (VDS), a fully-managed virtual hosting solution that runs on VMware. We can also provide Virtual Private Servers (VPS), a self-managed virtual hosting package that runs on Microsoft's Hyper-V or in an open source environment with OpenVZ.

For those folks that want to utilize virtual servers, but have too much invested in their own hardware, we've got a solution for that as well. Colocate your equipment with us and we can rent you a VMware ESX license. You'll realize all the benefits of VMware virtualization without the costly licensing requirements.

Explore our vClustr™ virtual hosting platform solutions and our Virtual Private Data Center and then contact us. We'll design the right solution for your hosting needs.

vClustr™ Virtual Servers

vClustr™ – The superior evolution of the virtual computing environment; an environment where the enterprise, the small business, and the start-up can realize the benefits.

vClustr is built on enterprise class HP Blade Servers, LeftHand Networks clustered storage and virtualization software from the leading industry providers. A multi-terabyte, redundant, storage network gives vClustr the space it needs to quickly deploy copies of virtual machines, on demand, for the rapid scalability of your infrastructure.

The evolution of the vClustr began with the vision of an advanced hosting infrastructure that could meet the needs of our clients, across all industries, no matter what stage of life their business is in; an environment where no matter your hosting needs, we can accommodate them.

VDS – Virtual Dedicated Servers

Opus Interactive can provide you with numerous configurations of a VDS designed for any hosting need. Our virtual dedicated servers, partitioned off of our vClustr™ computing environment, are the perfect bridge between our shared hosting platform and our dedicated managed servers. The VDS family is fully managed, gives you protection and independence from other customers and is less costly than a fully managed dedicated server with the same benefits.

The VDS family is built with some of the best hosting technologies available in the industry, including VMware, HP Blade Servers, and LeftHand Networks clustered storage.

VDS – Our entry level virtual dedicate server starts at just $69 per month and is a great solution for a company looking to move from a shared hosting environment.

VDS^2 – Takes VDS to the next level by offering live migration technology. This high availability (HA) addition eliminates the hassles of maintenance windows and provides peace of mind with no server downtimes; a great deal starting at just $99 per month.

VDS^3 – Builds off of VDS^2 by providing an active/passive virtualization platform where the main server, set of servers, or the entire vClustr™ is active and another set of servers exists in another location ready to take over the load in case of failure. The original servers can be rapidly migrated to a different physical location in the event of failure to minimize downtime. This solution includes site-to-site connectivity for data replication and migration as well as inter-site communication. Call us today for custom pricing.

VDS[4] – Continuing the evolution of our VDS offerings, VDS[4] creates the ultimate in redundancy with an active/passive virtualization solution where the server, servers, or entire vClustr™ is replicated to two or more physical locations. Traffic is globally load balanced and spread across multiple solutions at the same time. Any failures would result in the redirection of traffic to an already active location that would handle the load until the failed site comes back online. This solution includes site-to-site connectivity for data replication and inter-site communication. Call us today for custom pricing.

VPS – Virtual Private Servers

Want to self-manage your virtual server solution? Opus Interactive has two solutions that can have you up and running in no time. Combine the many technology benefits that vClustr™ has to offer with a private computing environment and you'll see why our VPS solutions are a great step up from shared hosting options

Microsoft Hyper-V – Opus Interactive's Hyper-V virtual machine is a scalable, reliable self-managed Virtual Private Server (VPS). With Hyper-V from Opus Interactive, you'll have access to the proven provisioning control of DotNetPanel that allows you to manage physical and virtual resources from the web.

With Hyper-V from Opus Interactive, you'll also get the peace of mind that comes with backup/restore, snapshotting and the simple transition of virtual servers from one physical server to another, at an affordable price.

You can provision this solution today for as little as $49 per month.

OpenVZ – Opus Interactive's OpenVZ virtual machine is a container-based, self-managed Virtual Private Server (VPS) designed for a Linux environment. OpenVZ offers flexibility, such as full root access and compartmentalized file systems, and is a great candidate for someone looking to move from a shared hosting platform to a private hosting environment. With a control panel to manage the state of your OpenVZ virtual server you will have the ability to host your web site or application with ease while maintaining control of your server.

Multiple distributions of Linux are supported and in addition several pre-built and configured application appliances are available to give you a head start towards getting your server into production.

You can provision this solution today for as little as $49 per month.

VPDC – Virtual Private Data Center

Opus Interactive can now offer you a Virtual Private Data Center, an enterprise-strength, advanced hosting solution that eliminates the need for datacenter co-location, private racks and managed hosting services by enabling users to assemble, deploy, monitor and manage all their infrastructure and applications using only a browser.

Enjoy all of the benefits of cloud computing from your browser without sharing resources. You'll have all the benefits of Cloud computing – reduced hardware failure risk and access to on demand resources – with the added assurance of have your data stored in a private, secure environment. No need to worry about technology hardware or software, or the overhead needed to run and maintain them.

Are you a developer? Do you create software applications? The Virtual Data Center is the perfect environment for you. We can take almost any application and turn it into a SaaS offering (software-as-a-service), eliminating costly deployment and upkeep requirements.

Leverages industry leading AppLogic technology from 3tera

Deploy existing web applications on the grid without changing your code to work on the providers' proprietary platform

Run multiple web applications on the same server

Scale each application from a fraction of a server up to the whole grid

Manage whole racks of servers easier than a single server

Handle hardware failures automatically without losing data

Add or remove servers and storage without disrupting applications

Manage all applications, servers and storage with just a browser

Turn any software-based application in a SaaS offering

Contact us today and we'll custom configure your Virtual Data Center.

Next Steps:

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