

# Mainline CloudBlast™

## Inspired SIMPLIFICATION

### Real-world Solutions for Cloud Computing

#### Cloud Computing Empowers Efficiency, Flexibility and Agility

Mainline Information Systems™ provides cloud computing for a more efficient, flexible and cost-effective model for computing—one that allows IT to operate on demand, responding proactively to business opportunities with a utility-like infrastructure built around scalability, performance and self-service.

#### Bundles Built from Experience

Mainline CloudBlast is built upon x86 servers, storage, networking and virtualization software to create a customized solution that is easy to deploy while enhancing security and choice. Other benefits include:

- Enhanced business continuity and disaster recovery
- Automated processes for provisioning
- Rapid service deployment
- Extremely high levels of utilization
- Resources allocated on demand, when and where needed
- Lower acquisition and support costs
- Improved data security and increased reliability

#### Why Mainline for Cloud Computing?

Few companies are more qualified for the deployment of cloud solutions than Mainline, an expert in virtualization and data center infrastructure deployment. With its award-winning Virtualization Practice, Mainline leverages a wealth of real-world experience and expertise to create practical and impactful cloud solutions capable of delivering ROI on day one. By partnering with Mainline, our customers enjoy:

- A proven track record that has helped us achieve recognition as one of VMware's top National Premier Business Partners and as Red Hat's Business Partner of the Year
- The power of industry-leading products from IBM, HP, VMware, Red Hat, SoftLayer and other companies with gold-standard cloud computing solutions
- Our best practices gained from more than 1,500 real-world cloud, virtual server and virtual desktop deployments of all sizes and complexity
- Our proven and repeatable methodology for assessment, planning, implementation and support of our customers, especially after the sale
- A legion of field-tested IT service professionals and systems engineers certified across a broad range of platforms, applications and vertical environments

#### Find Out More

Real-world virtualization expertise for realworld business needs. No one has done it more. No one does it better. That's the Mainline difference. Contact your Mainline representative or call us toll-free at **866.490.MAIN(6246)**.

You can also reach us via email at [solutions@mainline.com](mailto:solutions@mainline.com).



#### Leverage Mainline's Consulting Services

With more than a decade of experience selling VMware, Citrix, Red Hat and Novell, Mainline is a recognized authority in x86 virtualization and cloud computing. Our practice covers all aspects of virtualization from the data center to the desktop and into the cloud.

Mainline Professional Services can identify and architect an appropriate solution, based upon the unique requirements of your environment and budget. Mainline can lead a pilot or proof of concept, within your environment, to test the technology with your applications and network prior to production deployment. Mainline can further deliver industry-exclusive post-sales technical support, for all components of the virtualization solution, to give you a single point of contact for any post-deployment issues.



Elite Partner  
Virtualization



# Mainline CloudBlast™

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### Bundled Solution Offerings from Mainline<sup>1</sup>

#### CloudBlast ESX for Server Virtualization with VMware vSphere

ESX-1: 1 chassis, 16 blades, 5TB  
ESX-2: 2 chassis, 32 blades, 75TB  
ESX-4: 4 chassis, 64 blades, 300TB  
ESX Starter: 4 blades, 2TB

#### CloudBlast VDI for Desktop Virtualization with VMware View

VDI-1: 1 chassis, 16 blades, 5TB  
VDI-2: 2 chassis, 32 blades, 75TB  
VDI-4: 4 chassis, 64 blades, 300TB  
VDI Starter: 4 blades, 2TB

#### CloudBlast ESX/VDI Starter – Capable of supporting more than 200 vServers\* or 600 vDesktops\*\*

1 42U Rack  
1 HP BladeSystem c7000 Enclosure  
4 HP BL460c Blades with 144GB Memory each  
Redundant 10G Ethernet Networking  
HP BLc VC FlexFabric 10Gb/24-port Opt  
1 HP P2000 G3 MSA FC Dual Cntrl LFF Array  
Storage Capacity = 8 x 300GB 15k SAS (2.4TB raw)  
VMware vSphere 4.1 Enterprise or VMware View 4.6 Premier  
VMware vCloud Director

#### CloudBlast ESX-1/VDI-1 – Capable of supporting more than 800 vServers\* or 2,400 vDesktops\*\*

1 42U Rack  
1 HP BladeSystem c7000 Enclosure  
16 HP BL460c Blades with 144GB Memory each  
Redundant 10G Ethernet Networking  
HP BLc VC FlexFabric 10Gb/24-port Opt  
1 HP P2000 G3 MSA FC Dual Cntrl LFF Array  
Storage Capacity = 12 x 450GB 15k SAS (5.4TB raw)  
VMware vSphere 4.1 Enterprise or VMware View 4.6 Premier  
VMware vCloud Director

#### CloudBlast ESX-2/VDI-2 – Capable of supporting more than 1,600 vServers\* or 4,800 vDesktops\*\*

1 42U Rack  
2 HP BladeSystem c7000 Enclosure  
32 HP BL460c Blades with 144GB Memory each  
Redundant 10G Ethernet Networking  
HP BLc VC FlexFabric 10Gb/24-port Opt  
1 HP P2000 G3 MSA FC Dual Cntrl LFF Array  
Storage Capacity = 36 x 2TB 15k SAS (72TB raw)  
VMware vSphere 4.1 Enterprise or VMware View 4.6 Premier  
VMware vCloud Director

#### CloudBlast ESX-4/VDI-4 – Capable of supporting more than 3,200 vServers\* or 9,600 vDesktops\*\*

1 42U Rack  
2 HP BladeSystem c7000 Enclosure  
64 HP BL460c Blades with 144GB Memory each  
Redundant 10G Ethernet Networking  
HP BLc VC FlexFabric 10Gb/24-port Opt  
1 3PAR T400 Dual Controller  
Storage Capacity = 144 x 2TB 15k SAS (288TB raw)  
VMware vSphere 4.1 Enterprise or VMware View 4.6 Premier  
VMware vCloud Director

<sup>1</sup> To provide flexibility, any and all components can be substituted according to customer need or desire. Pricing is determined by final configuration.

\* est. 1 vCPU 2GB/2 vCPU 4GB

\*\* est. Windows 7 desktops 1GB RAM

The above bundles were designed based on Mainline performance testing and real-world customer data. While they reflect the average density seen in testing and production for knowledge and task workers, Mainline recommends an analysis be performed to determine the optimal sizing and hardware selection as these numbers can vary widely. For more information, contact your Mainline representative or call us toll-free at **866.490.MAIN(6246)**.

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