

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.



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.



Mainline CloudBlast™

Inspired SIMPLIFICATION

Bundled Solution Offerings from Mainline¹

CloudBlast ESX for Server Virtualization with VMware vSphere

ESX-1: 1 chassis, 14 blades, 5TB
ESX-2: 2 chassis, 28 blades, 75TB
ESX-4: 4 chassis, 56 blades, 300TB
ESX Starter: 4 blades, 2TB

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

1 42U rack
1 BladeCenter H chassis
4 IBM BladeCenter HS22V blades with 144GB memory each
Redundant 10G Ethernet networking
BNT 20-port 8G switches for data center connectivity
Redundant 8G FC network – QLogic FC switch module
Redundant 8G Ethernet networking for management
SCM in chassis and SMC 8126L2 switches
1 IBM DS4300
Storage capacity = 6 450GB 15k SAS (2.4TB raw)
VMware vSphere 4.1 Enterprise or VMware View 4.6 Premier
VMware vCenter Server with vCloud Director

CloudBlast ESX-2/VDI-2 – Capable of supporting more than 1,400 vServers* or 4,000 vDesktops**

1 42U rack
2 BladeCenter H chassis
28 IBM BladeCenter HS22V blades with 144GB memory each
Redundant 10G Ethernet networking
BNT 20-port 8G switches for data center connectivity
Redundant 8G FC network - QLogic FC switch module
Redundant 8G Ethernet networking for management
SCM in chassis and SMC 8126L2 switches
1 IBM DS3512
Storage capacity = 38 2TB 7.2k SAS (75TB raw)
VMware vSphere 4.1 Enterprise or VMware View 4.6 Premier
VMware vCenter Server with vCloud Director

CloudBlast VDI for Desktop Virtualization with VMware View

VDI-1: 1 chassis, 14 blades, 5TB
VDI-2: 2 chassis, 28 blades, 75TB
VDI-4: 4 chassis, 56 blades, 300TB
VDI Starter: 4 blades, 2TB

CloudBlast ESX-1/VDI-1 – Capable of supporting more than 700 vServers* or 2,000 vDesktops**

1 42U rack
1 BladeCenter H chassis
14 IBM BladeCenter HS22V blades with 144GB memory each
Redundant 10G Ethernet networking
BNT 20-port 8G switches for data center connectivity
Redundant 8G FC network - QLogic FC switch module
Redundant 8G Ethernet networking for management
SCM in chassis and SMC 8126L2 switches
1 IBM DS4300
Storage capacity = 12 450GB 15k SAS (5.4TB raw)
VMware vSphere 4.1 Enterprise or VMware View 4.6 Premier
VMware vCenter Server with vCloud Director

CloudBlast ESX-4/VDI-4 – Capable of supporting more than 2,800 vServers* or 8,000 vDesktops**

2 42U racks
4 BladeCenter H chassis
56 IBM BladeCenter HS22V blades with 144GB memory each
Redundant 10G Ethernet networking
BNT 20-port 8G switches for data center connectivity
Redundant 8G FC network – QLogic FC switch module
Redundant 8G Ethernet networking for management
SCM in chassis and SMC 8126L2 switches
1 IBM DS5300
Storage capacity = 300TB raw
VMware vSphere 4.1 Enterprise or VMware View 4.6 Premier
VMware vCenter Server with vCloud Director

¹ 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)**.

Mainline Information Systems is a trademark of Mainline Information Systems, Inc.© Mainline Information Systems, 2011

This document contains business information that has been developed and/or compiled by Mainline Information Systems, Inc. The information contained herein is therefore proprietary to Mainline and should not be altered, manipulated, copied, reproduced, or used for any commercial purposes without Mainline's express written permission.

All other companies, products, service names, or product names are trademarks, registered trademarks or service marks of their respective owners.