

# Virtualization Solutions from Mainline and **RED HAT**



## Lower TCO and Better Performance

Red Hat Enterprise Linux (RHEL), delivered by Mainline Information Systems™, is a complete enterprise operating system with virtualization capabilities built in, and it can be extended with Red Hat Enterprise Virtualization (RHEV) to provide full enterprise virtualization capabilities. This enables RHEV to leverage performance enhancements implemented in RHEL; it also simplifies application verification because any application that is supported on RHEL is supported on RHEV. RHEV builds on the Red Hat Enterprise Linux platform that is trusted by thousands of organizations on millions of systems around the world for mission-critical workloads. The combination of RHEL and RHEV helps lower total cost of ownership (TCO) by consolidating data center workloads onto fewer physical servers. This reduces the IT footprint, saving money on operating costs, management and energy. Red Hat's subscription model enables predictable IT costs. The Red Hat solution is also scalable and has a thin-provisioning component that saves storage in any environment.

### Mainline/Red Hat Solution Benefits

- Full enterprise virtualization capabilities
- Lowest TCO in its class
- Record-breaking performance and scalability
- Reduced IT footprint
- Storage savings with thin provisioning
- Industry-leading security
- Widest ecosystem of hardware and enterprise ISVs
- Ideal cloud platform

### Red Hat Enterprise Virtualization for Servers and Desktops

Red Hat Enterprise Virtualization for Servers (RHEV-S) features RHEV Manager (RHEV-M), a feature-rich server virtualization management system that provides advanced capabilities for hosts and guests. Included are image management features such as provisioning, templates and snapshots as well as live migration, power management and more to support demanding enterprise environments. It also features RHEV Hypervisor (RHEV-H), a small-footprint hypervisor based on Red Hat Enterprise Linux with just enough Linux to provide the KVM (Kernel Virtual Machine) hypervisor, which is directly integrated into the Linux kernel as a loadable module. It can be used to host both Linux and Windows workloads. There is also a Virtualization Host Option that runs Red Hat Enterprise Linux 5.5 and later. In addition, RHEV is the ideal platform on which to build an internal or private cloud of Red Hat Enterprise Linux or Windows virtual machines.

With Red Hat Enterprise Virtualization for Desktops (RHEV-D), complete desktop environments are hosted as virtual desktops on servers located in a centralized datacenter. Users connect to these virtual desktops, which can be either Microsoft Windows or Red Hat Enterprise Linux desktops, using either inexpensive thin clients or repurposed PCs. RHEV-D is an end-to-end desktop virtualization solution featuring everything an enterprise needs to deploy virtualized desktops, including RHEV-H, RHEV-M SPICE (Simple Protocol for Independent Computing Environments), and Integrated Connection Broker Portal. Key benefits are improved data security, increased manageability and increased business agility and continuity.

## Red Hat Virtualization Solution from Mainline

- Red Hat Enterprise Linux
- Red Hat Enterprise Virtualization for Servers (RHEV-S)
- Red Hat Enterprise Virtualization for Desktops (RHEV-D)
- RHEV Manager (RHEV-M)
  - RHEV Hypervisor (RHEV-H)
  - Red Hat Enterprise Virtualization for Desktops (RHEV-D)
  - Virtualization Host Option
- Mainline Professional Services



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## A Leader in Red Hat Solutions

Recognized as the first Red Hat Premier Business Partner in 2008, Mainline has the knowledge, resources and expertise to provide comprehensive services, technology leadership, industry-leading virtualization, top business workload performance and stable product roadmaps across a number of hardware platforms. Mainline has won a number of awards from Red Hat, including 2009 Red Hat North America Partner of the Year and Advanced Business Partner for the Public Sector, which recognized Mainline's investment in sales and technical resources and training on the Red Hat product line. In 2010, Mainline was named a participant in Red Hat's Virtualization Acceleration Program. In addition, Mainline has achieved the Red Hat Public Sector Specialist designation, making it one of only eight companies in the nation with this solution specialty.

## Mainline Red Hat Vertical Industry Focus

- Finance and insurance
- Healthcare
- Education
- Federal government and military
- State and local government
- Small business and mid-market

## Call Mainline for:

### Value

Highly skilled and dedicated team of Red Hat specialists

### Innovation

Cutting-edge service offerings for open source solutions and supporting Red Hat products and services

### Choice

Migration services from one system to another with system assessment offerings

### Quality

Complete solution package that includes open source software integrated with server and storage solutions

### Financing

Zero-percent financing for qualified customers

For more information on Red Hat solutions from Mainline, contact your Mainline representative or give us a call at **866.490.MAIN (6246)**. You can also email us at [redhat@mainline.com](mailto:redhat@mainline.com) or visit us at [www.mainline.com/redhat](http://www.mainline.com/redhat).



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