




The CIO's alternative for healthcare

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to deliver reliable and high-performing Linux®, hybrid cloud, container, and Kubernetes technologies. This efficient, focused method outpaces traditional proprietary software development models and enables healthcare customers to customize solutions in areas such as clinical decision support, compliance automation, and interoperability. It's why 100% of healthcare companies in the Fortune 500 rely on Red Hat.¹

Doing business with today's IT vendors

	 	
Purchase process	Complex purchasing scenarios	Flexible and simple purchasing, with the option to treat as capital expenditure (CapEx) or operating expense (OpEx), per Generally Accepted Accounting Principles (GAAP)
Maintenance	Complicated support and maintenance products	Unlimited support, including updates, upgrades, and maintenance
Adoption strategy	High cost of entry and exit (lock-in)	Low cost of entry and exit (portability)



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¹ Red Hat client data and [Fortune 500](#) list for 2019. Methodology for Fortune 500: Data shown is for the fiscal year ended on or before Jan. 31, 2019.

The CIO's alternative

		Red Hat solutions	Features and benefits
Operating system	Windows Server, Oracle Linux, Oracle Solaris, IBM AIX, Hewlett Packard Unix (HP-UX), SUSE Linux Enterprise Server, Ubuntu Server	Red Hat® Enterprise Linux	<ul style="list-style-type: none"> • Support for many commercial off-the-shelf (COTS) healthcare products and hardware solutions • Cloud-ready environment • Ongoing enterprise product support and feature enhancement • Lower cost to acquire, operate, and manage • Built-in Java™ compatibility
Platform-as-a-Service (PaaS), Containers-as-a-Service (CaaS)	Pivotal Cloud Foundry & Container Service (PKS), Amazon Elastic Container Service for Kubernetes (EKS), Microsoft Azure Kubernetes Services (AKS), Google Kubernetes Engine (GKE), Docker Enterprise, Mesosphere DC/OS Enterprise	Red Hat OpenShift®, Red Hat CodeReady Studio (formerly Red Hat Developer Studio), Red Hat Runtimes (formerly Red Hat OpenShift Application Runtimes)	<ul style="list-style-type: none"> • Foundation for cloud computing, including hybrid and multicloud environments • Standardized, consistent environment across software and hardware technologies • Lower cost, more efficient delivery • Hybrid-cloud-ready platform foundation • Centralized, integrated environment for application development and deployment • Support for on-premise and cloud solutions from certified partners • HIPAA compliance security capabilities
Infrastructure-as-a-Service (IaaS)	VMware Integrated OpenStack® (VIO), Mirantis OpenStack, Ubuntu OpenStack, Huawei FusionSphere Openstack	Red Hat Cloud Infrastructure for Service Providers, Red Hat OpenStack Platform, Red Hat Satellite	<ul style="list-style-type: none"> • Simplified, integrated hybrid cloud management • Includes key security features, such as Security-Enhanced Linux • Backed by certified OpenStack partner ecosystem • Standardize on a single version or take advantage of ongoing deployment of the latest features

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Virtualization	VMware vSphere, Microsoft Hyper-V Server, Citrix Hypervisor	Red Hat Virtualization, Red Hat Hyperconverged Infrastructure	<ul style="list-style-type: none"> • Lower year-over-year total cost of ownership (TCO) • Faster performance for apps running on Red Hat Enterprise Linux • Centralized, simplified management of virtualized resources
Storage	NetApp (Solidfire, ONTAP, SANtricity), Dell EMC (Isilon, ScaleIO, Elastic Cloud Storage [ECS]), VMware vSAN, Scality RING, IBM (Cloud Object Storage, Spectrum Scale), Amazon AWS (S3, Elastic Block Store [EBS]), Portworx	Red Hat Gluster® Storage, Red Hat Ceph® Storage, Red Hat OpenShift Container Storage	<ul style="list-style-type: none"> • Cost-effective, easily deployed storage with Red Hat Ansible® Automation Platform integration • Financial, clinical, and administrative support for all storage file types: imaging, business office, and more • Lower cost and flexible pricing model compared to proprietary storage software options
Application server	Oracle (WebLogic Server, GlassFish)	Red Hat Runtimes (formerly Red Hat Application Runtimes)	<ul style="list-style-type: none"> • Includes a collection of lightweight runtimes and frameworks for highly distributed cloud architectures, such as microservices • Compatible with many industry-standard technology solutions • Security-focused single sign-on capabilities
Application and data integration, integration Platform-as-a-Service (iPaaS), enterprise service bus (ESB)	IBM Integration Bus, Oracle (Integration Cloud Service, SOA Suite), MuleSoft Anypoint Platform, TIBCO Cloud Integration & BusinessWorks, Software AG webMethods, WSO2 Enterprise Integrator	Red Hat Integration, Red Hat Fuse, Red Hat Fuse Online	<ul style="list-style-type: none"> • Includes tools for adopting and managing Fast Healthcare Interoperability Resources (FHIR) and other application programming interfaces (APIs) • Mature Health Level Seven (HL7) compliance • Provides a lightweight, distributed ESB and container-native infrastructure • Ongoing enterprise product support and enhancement • Self-service, low-code development

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Business rules management	IBM (Operational Decision Manager, Business Process Manager), FICO Decision Management Suite, ACTICO Platform	Red Hat Decision Manager, Red Hat Process Automation	<ul style="list-style-type: none"> • Support for community knowledge sharing in clinical decision making and other care-related areas • Support for artificial intelligence and machine learning (AI/ML) adoption and complex event processing • High flexibility for customized decision paths and application workflows
Process automation	Appian, Pega Platform, Camunda (BPMN Workflow Engine, DMN Decision Engine)	Red Hat Process Automation	<ul style="list-style-type: none"> • Unified environment for development, delivery, integration, and automation • Improved integration between healthcare systems and with external solutions • Access to business logic definition repository
Messaging and Messaging-as-a-Service (MaaS)	IBM MQ, VMware Pivotal RabbitMQ, TIBCO (Enterprise Message Service, Cloud Messaging), Solace PubSub+, Confluent Platform	Red Hat Integration, Red Hat AMQ	<ul style="list-style-type: none"> • Support for event-driven, Internet of Things (IoT) operations • Reduce single-threading in legacy integration engines
System management	HPE OneView, BMC TrueSight Server Automation, Microsoft System Center Configuration Manager, Puppet Enterprise	Red Hat Satellite, Red Hat Insights	<ul style="list-style-type: none"> • Simplified systems and network management through integrated, comprehensive solution • Proactive reporting and alerts to resolve issues faster • Automate compliance with Automate compliance with National Institute of Standards and Technology (NIST)-certified, HIPAA-specific profile from OpenSCAP

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IT automation	HPE XP7 Automation Director, BMC TrueSight Server Automation, Puppet, Chef, SaltStack Enterprise, shell scripts	Red Hat Ansible Automation Platform	<ul style="list-style-type: none"> • Simplified management of complex systems and networks • Automate routine development and operations tasks to save time and resources—even across different network vendors • Automate compliance with NIST-certified, HIPAA-specific profile from OpenSCAP
Application programming interface (API) management	Apigee Edge, MuleSoft Anypoint API Manager, TIBCO Cloud Mashery, WSO2 API Manager, Kong Enterprise	Red Hat Integration, Red Hat 3scale API Management	<ul style="list-style-type: none"> • API endpoint security across environments • Traffic control and security through policy enforcement • Support for wide range of encryption, authentication, and authorization protocols

Visit redhat.com/health to learn more.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.



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