

# 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.<sup>1</sup>

## Doing business with today's IT vendors



ORACLE



	vmware	ORACLE	Red Hat
<b>Purchase process</b>	Complex purchasing scenarios		Flexible and simple, with option to treat as CapEx or OpEx, per Generally Accepted Accounting Principles (GAAP)
<b>Maintenance</b>	Complicated products and service		Unlimited, fully inclusive support, updates, upgrades, and maintenance
<b>Adoption strategy</b>	High cost of entry and cost of exit (vendor lock-in)		Low cost of entry, portability with low cost of exit

## The CIO's alternative

Category	Go from...	Go to...	Red Hat solution features
Operating system	Microsoft 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"> <li>• Supports many commercial off-the-shelf (COTS) products in the healthcare market</li> <li>• Cloud-friendly</li> <li>• Strong product enhancement stream</li> <li>• Low cost to acquire</li> <li>• Lower cost/more available resources</li> <li>• Multiple hardware vendor alignment/agnostic</li> <li>• Java™ support included</li> </ul>



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<sup>1</sup> Red Hat client data and Fortune 500 list for 2019.

Category	Go from...	Go to...	Red Hat solution features
Platform-as-a-Service, Containers-as-a-Service	Pivotal Cloud Foundry & Container Service (PKS), IBM Cloud Kubernetes Service & Cloud Foundry, 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, Red Hat Runtimes	<ul style="list-style-type: none"> <li>• Consolidate disparate technologies and software inventory</li> <li>• Reduce IT cost and improve delivery</li> <li>• Core component of cloud strategies</li> <li>• Simplify development, delivery, and maintenance of integrations</li> <li>• Key component to manage hybrid cloud</li> <li>• On-premise or cloud, or via some certified cloud and service providers (CCSPs)</li> <li>• HIPAA compliance supported; protected and flexible environment</li> </ul>
Infrastructure-as-a-Service	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	Tools to develop, deliver, manage, and provide security to hybrid cloud environments
Virtualization	VMware vSphere, Microsoft Hyper-V Server, Citrix Hypervisor	Red Hat Virtualization, Red Hat Virtualization Suite	Replacement of high-cost virtualization alternatives in favor of cloud-friendly strategies
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	<ul style="list-style-type: none"> <li>• Can be combined with Ansible® for a low-cost, easily deployed storage appliance</li> <li>• Financial, clinical, and administrative support for all storage file types: suitable for imaging, business office, and more</li> <li>• Lower cost and flexible pricing model</li> </ul>

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Application server	Oracle (WebLogic Server, GlassFish), IBM WebSphere Application Server	Red Hat JBoss® Enterprise Application Platform, Red Hat JBoss Web Server	<ul style="list-style-type: none"> <li>• Available platform for many COTS vendor offerings</li> <li>• Lower total cost of ownership</li> </ul>
Application/data integration, 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 Fuse, Red Hat Fuse Online	<ul style="list-style-type: none"> <li>• Manage and take advantage of Fast Healthcare Interoperability Resources (FHIR) and other APIs</li> <li>• Mature Health Level Seven (HL7) offering, widely adopted in healthcare</li> <li>• Lightweight, distributed ESB</li> <li>• Containerized</li> <li>• Strong software development community</li> <li>• Low cost, low barriers to entry</li> <li>• Citizen integrator-focused and application developer-focused</li> </ul>
Business rules management	IBM (Operational Decision Manager, Business Process Manager), FICO Decision Management Suite, ACTICO Platform	Red Hat Decision Manager	<ul style="list-style-type: none"> <li>• Enables community knowledge sharing in areas such as clinical decision making</li> <li>• AI/ML, business process, and/or complex event processing enablement</li> <li>• Highly flexible for decision and workflow applications that need tailoring by line-of-business members</li> </ul>
Process automation	Appian, Pega Platform, Camunda (BPMN Workflow Engine, DMN Decision Engine)	Red Hat Process Automation Manager	Build, deploy, and maintain application function vs. programming; fills many “gaps” between and beyond healthcare systems

### 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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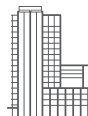
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Messaging	IBM MQ, VMware Pivotal RabbitMQ, TIBCO (Enterprise Message Service, Cloud Messaging), Solace PubSub+, Confluent Platform	Red Hat AMQ, Red Hat AMQ Online	<ul style="list-style-type: none"> <li>Event-driven, Internet of Things (IoT)-enabled healthcare</li> <li>Reduce single-threading in legacy integration engines</li> </ul>
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"> <li>Simplify systems and network management</li> <li>Compliance automation using a HIPAA profile provided by OpenSCAP</li> </ul>
IT automation	HPE XP7 Automation Director, BMC TrueSight Server Automation, Puppet, Chef, SaltStack Enterprise, shell scripts	Red Hat Ansible Automation Platform, Red Hat Insights	<ul style="list-style-type: none"> <li>Simplify systems and network management</li> <li>Compliance automation using a HIPAA profile provided by OpenSCAP</li> </ul>
Application programming interface (API) management	Apigee Edge, MuleSoft Anypoint API Manager, TIBCO Cloud Mashery, WS02 API Manager, Kong Enterprise	Red Hat 3scale API Management	Bring security to the API endpoints and enable business and partner connectivity through APIs

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