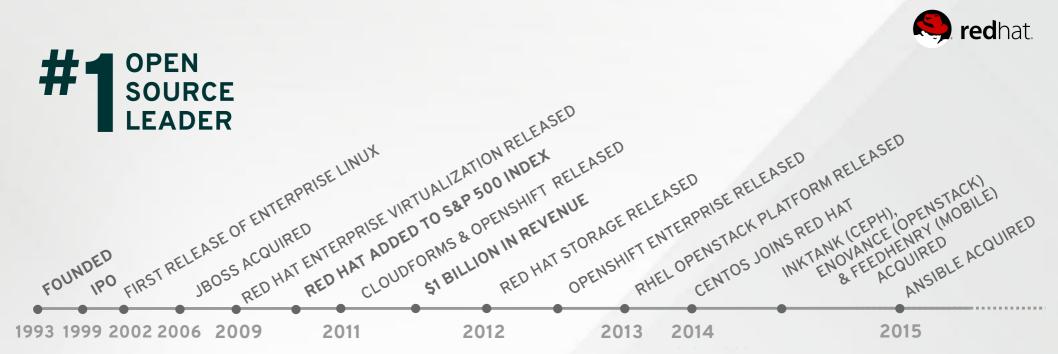


# Eine stabile Basis für performante, skalierbare und verfügbare Datenbanken mit Red Hat Software Lösungen

### **Markus Koch**

Sr. Solution Architect, Red Hat mkoch@redhat.com

Version 3.6, January 2016



S&P

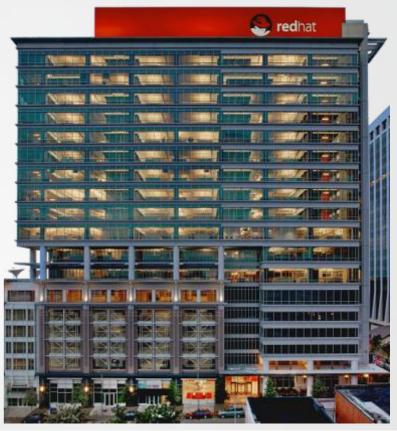
500

COMPANY

MORE THAN 90% of the FORTUNE 500 use RED HAT PRODUCTS & SOLUTIONS. \* ~8,300 EMPLOYEES 85 WORLDWIDE OFFICES

OFFICES NYSE: **RHT** COUNTRIES

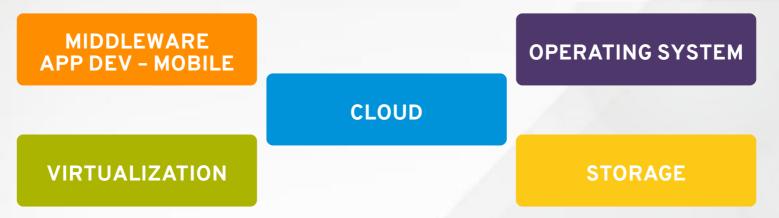




## WHAT WE DO



We offer a range of mission-critical software and services covering:



## THE BENEFITS

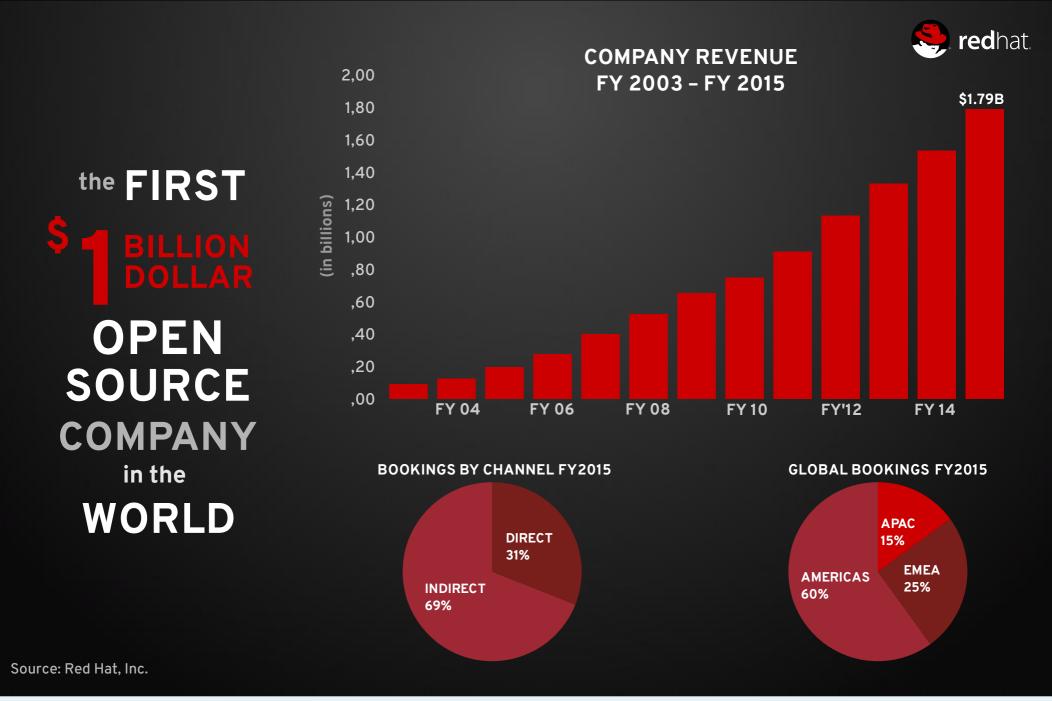
- ✓ Flexibility
- ✓ Faster technology innovation
- ✓ Better quality
- ✓ Better price/performance
- ✓ Long-term deployment

- ✓ Better security−assurance
- Shared development: Accelerated innovation
- Open collaboration: Products that meet customer needs



Red Hat's open source technologies allowed us to solve problems with a real understanding of what is available to us rather than just taking a vendor's sales pitch.

-JOHN LIPTAK, principal architect, CenturyLink



<sup>66</sup> By running tests and executing numerous examples for specific teams, we were able to prove [...] not only would the solution work, but it will perform better & at a fraction of the costs.
MICHAEL DLAKE Director Systems & Arabitacture Verices

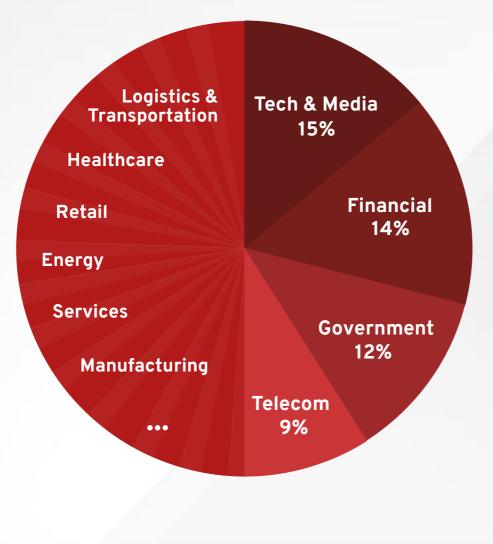
-MICHAEL BLAKE, Director, Systems & Architecture, Verizon



WIDE-RANGING EXPERIENCE 🧠 redhat.

BREADTH ACROSS MULTIPLE VERTICALS GLOBALLY

STRENGTH IN MAJOR VERTICALS GLOBALLY



**100%** of the Fortune 500 companies in the following industries are Red Hat customers:



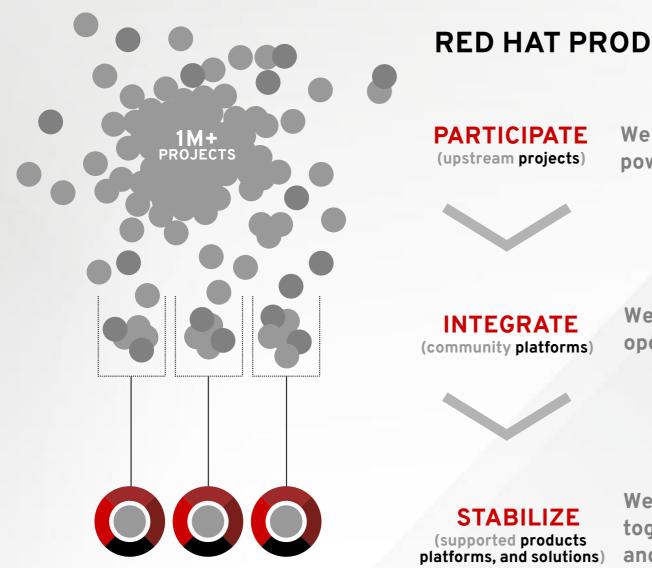
**50% of the world's trading volume** is powered by Red Hat products and solutions.

Source: Red Hat customer annual bookings and client data



CME Group has stayed with Red Hat for the past ten years because it has provided excellent value and proved to be a strong partner.

-VINOD KUTTY, senior director, enterprise server platforms, CME Group



**RED HAT PRODUCT PROCESS** 



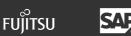
We participate in and create communitypowered upstream projects.

We integrate upstream projects, fostering open community platforms.

We commercialize these platforms together with a rich ecosystem of services and certifications.

We enable software and hardware partners, customers, and academia to participate at every stage of development.







*d***bmc**software



...... CISCO.

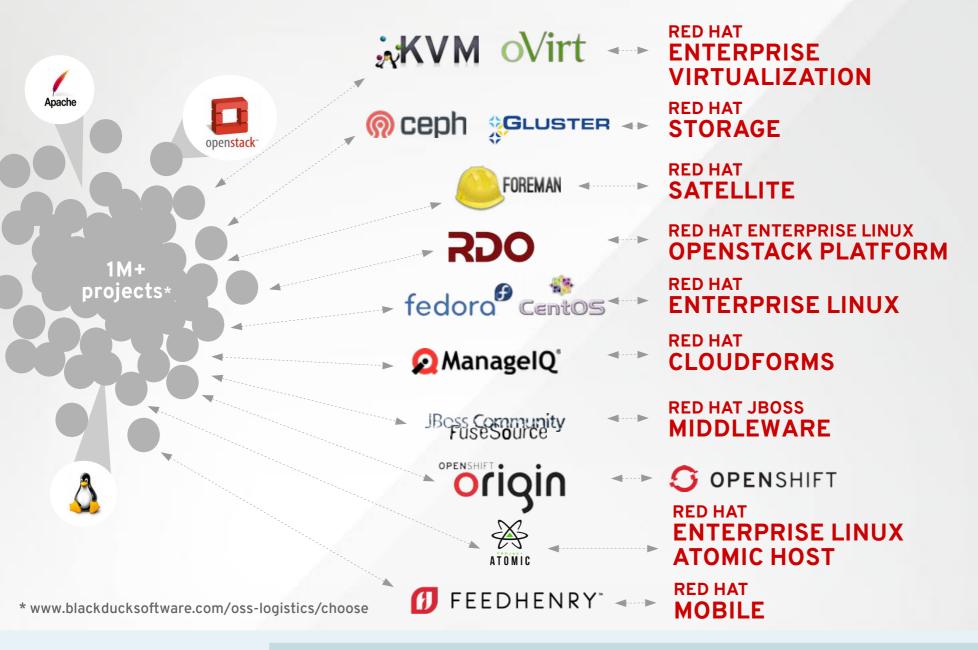
HITACHI

The combination of Red Hat Enterprise Virtualization and the Cisco UCS platform allows us to provide financial service providers with a highly available, scalable, and secure SAP environment in the cloud. -MARIO BRUGNERA, head of SAP Competence Center, FI-TS

### finanz **informatik** technologie service

## **OPEN SOURCE TO THE ENTERPRISE**





MACION SERVICIOS <sup>6</sup> Having free access to the code, being able to respond flexibly to the requests, and being able to adapt it directly within the company give us a competitive advantage over the rest.

-LAUTARO GONZÁLEZ, CIO, Nación Servicios S.A.

RED HAT & YOUR BUSINESS: SUBSCRIPTION MODEL 5, redhat.



| TECHNICAL SUPPORT              |   | EXPERTISE                        |                           |
|--------------------------------|---|----------------------------------|---------------------------|
| 24 HOURS / 7 DAYS A WEEK       |   | CUSTOMER PORTAL<br>& FORUMS      | <b>COMMITMENTS</b>        |
| UNLIMITED INCIDENTS            | ONGOING DELIVERY  | • KNOWLEDGEBASE                  | HARDWARE<br>CERTIFICATION |
| • MULTI-LINGUAL                | STABILITY WITH A<br>PRODUCT LIFE CYCLE<br>OF UP TO 10 YEARS | ACCESS LABS                      | SOFTWARE<br>CERTIFICATION |
| MULTI-VENDOR CASE<br>OWNERSHIP | PATCHES   | TRAINING CURRICULA<br>(OPTIONAL) | CLOUD PROVIDER            |
| MULTI-CHANNEL                  | UPDATES   |                                  |                           |
|                                | UPGRADES  |                                  | SOFTWARE<br>ASSURANCE     |
|                                | SECURITY RESPONSE<br>TEAM                                   |                                  |                           |
|                                |   |                                  |                           |
|                                |   | YEARS                            | A DECEMBER OF             |

**AWARD-WINNING** SUPPORT





LARS AWARDED:

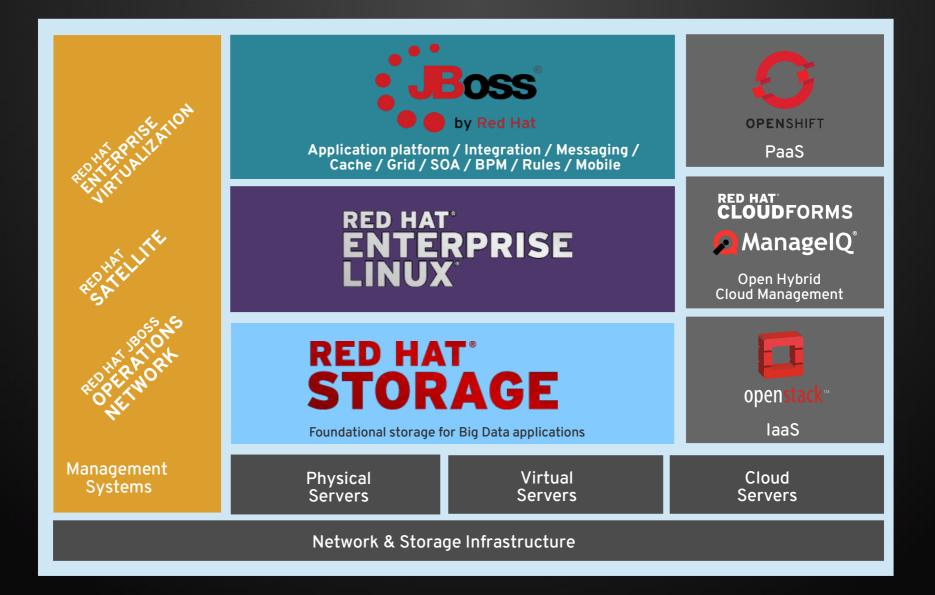
2011 2013 2015 2012 2014

If we had used proprietary, licensed products from Red Hat competitors, we would have to shell out up to five times the current subscription costs toward one-time licensing in every deployment. - VINAY ANAND, chief operating officer, Enhancesys Innovations



## **RED HAT SOLUTIONS**



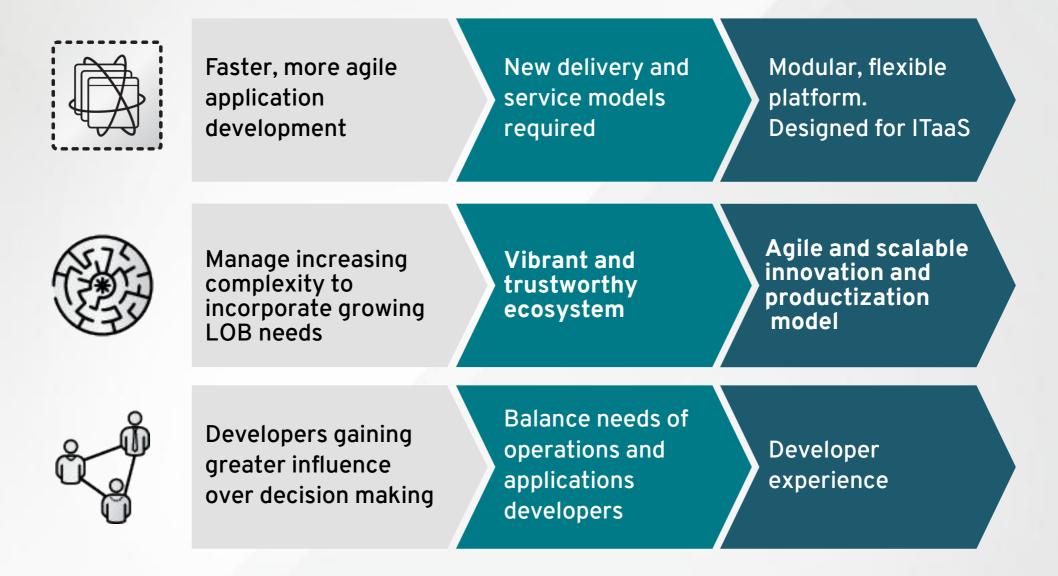


<sup>6</sup> I wouldn't be in the SaaS business if it weren't for Red Hat. If we'd had to make the capital investment in infrastructure that HP-UX or Solaris required, the margins for achieving profitability [...] just wouldn't be there.



-MARK TIRSCHWELL, CTO

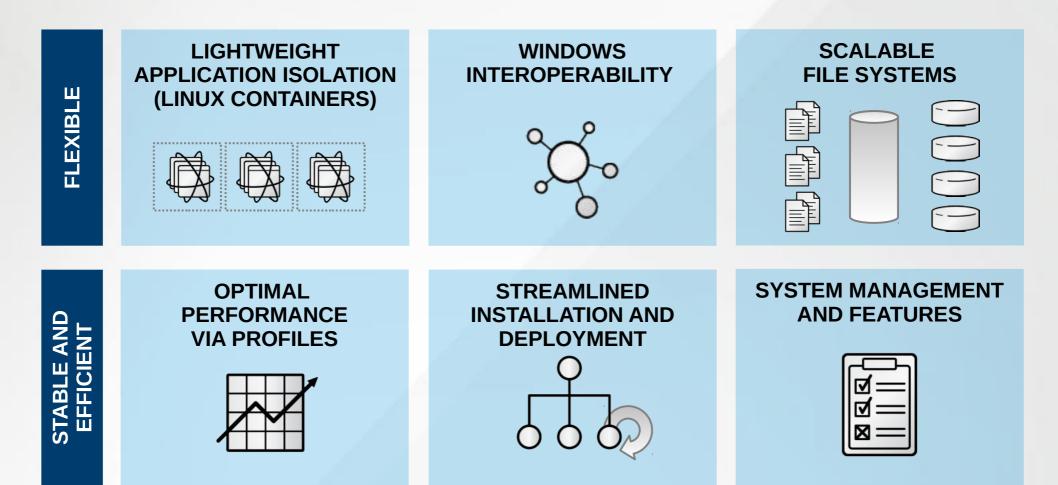
# Changing Customer Dynamics Driving New Demands, Requirements







# **RED HAT ENTERPRISE LINUX 7 HIGHLIGHTS**



#### **CERTAINTY OF MISSION-CRITICAL RELIABILITY AND MILITARY-GRADE SECURITY**



## **Red Hat Insights: Proactively Manage Your Infrastructure**

 Red Hat Insights is an add-on operational analytics service designed to help you proactively identify, prioritize, and resolve critical issues in your Red Hat Enterprise Linux environment before they impact business operations.



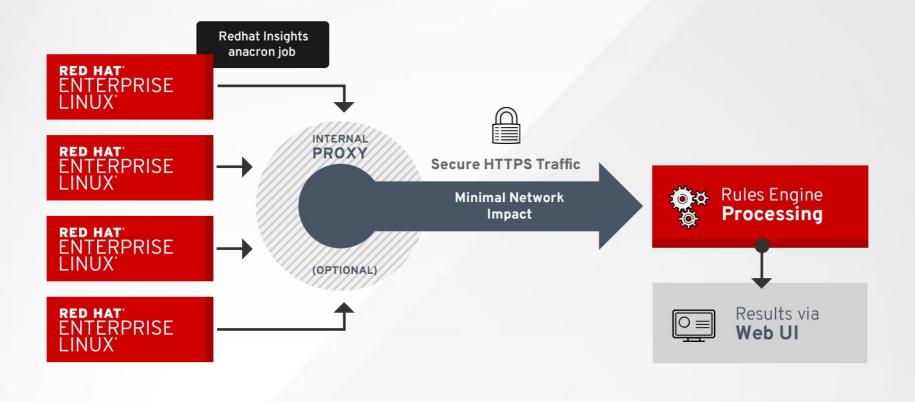


## Red Hat Insights: Verified Resolution Steps and Support Resources

| ETECTED ISSUE | STEPS TO RESOLVE                |
|---------------|---------------------------------|
|               |                                 |
|               |                                 |
| •             | Related Knowledgebase articles: |
|               |                                 |
|               |                                 |
|               |                                 |



# **Red Hat Insights: Daily Risk Assessment**



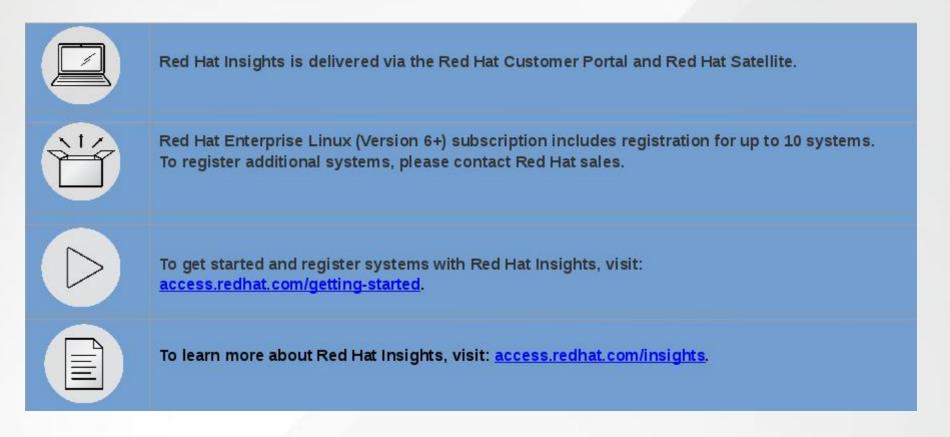


# **Red Hat Sights: Complete Stack Analysis**





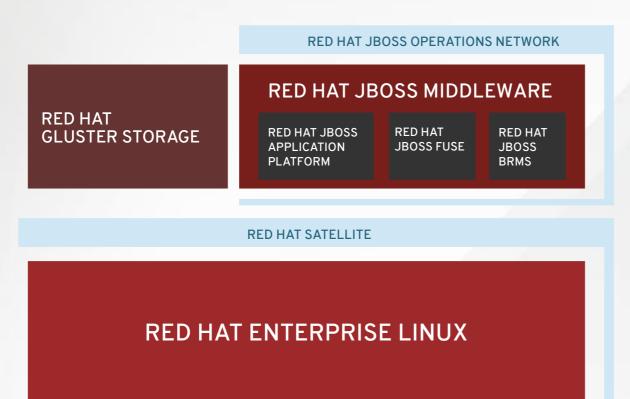
## **Red Hat Insights**





## **INFRASTRUCTURE SOLUTIONS**





"Red Hat Gluster Storage allowed us to satisfy our current and future backup space requirements while being reliable, scalable, economical, and easy to use."

-Oskar Pienkos, server and storage architect, Simon Fraser University



SIMON FRASER UNIVERSITY ENGAGING THE WORLD

Red Hat has played a fundamental role in implementing our solutions. OSDE's decision to base its technology architecture and business support on open source technologies demanded products with large market participation and first-level enterprise support. –GUSTAVO AGUIRRE, CIO, OSDE Binario

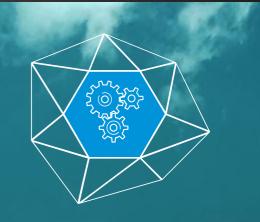


## **RED HAT & YOUR BUSINESS: MIDDLEWARE**









## ACCELERATE

Develop your applications faster and deploy them across any environment.

- Provide innovative solutions for dynamic business environments
- Scale elastically with fewer data bottlenecks

## INTEGRATE

Connect systems, applications, and data across your entire enterprise.

- Application integration
- Messaging
- Data virtualization

### AUTOMATE

Automate business processes to react quickly to IT changes.

- Complex event processing for faster decision making
- Better collaboration between business and IT teams



<sup>6</sup> The assistance provided by Red Hat was extremely helpful. We can deliver business applications fast on a completely secure platform.

-ERIC SWINIARSKI, information systems architect, Filhet-Allard

## **DEVELOPER SOLUTIONS**



#### **RED HAT JBOSS MIDDLEWARE**

RED HAT JBOSS ENTERPRISE APPLICATION PLATFORM

#### RED HAT JBOSS FUSE

#### **RED HAT MOBILE**

RED HAT MOBILE APPLICATION PLATFORM

#### **RED HAT ENTERPRISE LINUX**

**RED HAT** 

JBOSS

BRMS





"We chose OpenShift as the PaaS foundation for cloud offerings thanks to its flexible, open source architecture, its minimal-overhead application programming model, and its excellent support for DevOps. Our teams are finding OpenShift to be enterprise-grade, scalable, stable, and productive."

-Brett Adam, senior vice president, Platform, CA Technologies



# 🔰 produban

Red Hat Enterprise Linux provides us availability and access to information in a way that is easier and simpler than proprietary solutions, which allows us to be much more productive. —DANIEL CONCEPCION, managing director of IT

#### OPENSHIFT BY RED HAT



BARE METAL

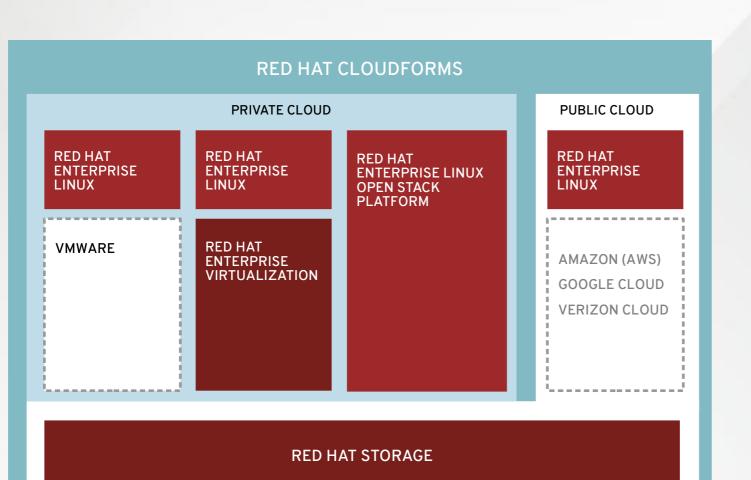


PRIVATE CLOUD





## **CLOUD SOLUTIONS**



"We chose Red Hat for our internal cloud roll-out because it's the only multi-platform cloud solution currently in the market that is genuinely multi-vendor... Red Hat offers us a cloud solution that can be integrated with our previous infrastructure, without the need to demount what we already had in place to carry on moving ahead."

—Sara Isabel Rubio, global platforms operation and security, Telefónica Global Solutions





<sup>66</sup> We have looked at other vendors, but the experience we have with Red Hat and the quality of its consultants and architects is of a really high level. The relationship has developed into a partnership. —DHARMINDER DEBISARUN, IT advisor concern director NOVAMEDIA



## RED HAT CONSULTING

Takes a big-picture view of your organization, analyzes your challenges, and helps you solve them with comprehensive, cost-effective solutions.

| Integrate your           |
|--------------------------|
| enterprise to make your  |
| business more            |
| automated, flexible, and |
| responsive.              |

Modernize your systems and applications to save money and time—so you can focus on new areas of innovation.

Harness the power of the cloud by establishing an intelligent, open cloud infrastructure. Provide better efficiency through standardization, repeatability, and finely tuned processes.

# RED HAT

SERVICES PORTFOLIO

Arms your IT organization with knowledge and hands-on skills to optimize your Red Hat deployments—enhancing productivity and mitigating risk.

- Employees gain skills, promoting IT success
- ✓ 40+ courses on Red Hat technologies
- ✓ Hands-on certification programs to prove knowledge and skills
- More than 1 million Red Hat Training attendees



<sup>66</sup> The solution architect from Red Hat Consulting played a key part in the solution, offering guidance and explaining the various functionalities of the tool.

-GUSTAVO MARTÍN, technician, Operations and Telecommunications Systems, Metro de Madrid

## INTELLECTUAL PROPERTY



## **PROTECTING CUSTOMERS**

### OPEN SOURCE ASSURANCE PROGRAM

- Assurances for customers purchasing Red Hat subscriptions
- Designed to allow customers to use their chosen solutions without interruption

# OPEN SOURCE

- Challenges flaws in systems related to software patents
- Support for patent law reform in Congress
- U.S. Supreme Court briefs in Bilski, Global Tech, and i4i
- Spoke out against chilling effects of U.S. SOPA and PIPA legislation on open source innovation

## RED HAT PATENT PROMISE

Commitment not to enforce patents with respect to open source software



Performance is easily twice as fast under Red Hat Enterprise Linux. We also reduced our total hardware and operating system licensing costs by 25 percent. I'd say that the case for Red Hat Enterprise Linux is an open and shut one. —TIM NOLAN, Manager, Linux Engineering



# **RED HAT IS:**

The world's leading developer and supplier of open source software for enterprise IT.

A high-growth, billion-dollar, S&P 500 index company.

Globally active in all major vertical markets, with strong channel and direct delivery models.

Offering a comprehensive portfolio of products and services.

## **RED HAT DELIVERS:**

- Exceptional price/performance
- Operational flexibility

- Open source quality and innovation
- Alignment with customer requirements



# THANK YOU.



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