





FABESP

Tendências Tecnológicas



lesBrazil
Technology for Oil&Gas E&P



Technology for Oil&Gas E&P

Exploration,
Reservoir &
Production

IT & Computer
Sciences



Technology for Oil&Gas E&P
Exploration, Reservoir & Production

Exploration, Reservoir
& Production



Technology for Oil&Gas E&P
Exploration, Reservoir & Production

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Exploration, Reservoir & Production

Seismic Processing, Field QC

Geophysical Modeling, Illumination, Rock Physics

Offshore Reservoir Monitoring

Reservoir Characterization , Inversion, Modeling, CSEM

Advanced Petrophysics, Completion, Reservoir Analysis

Reserves Management - PRMS

Hydraulic Fracturing



Technology for Oil&Gas E&P
Exploration, Reservoir & Production

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Exploration, Reservoir & Production



Seismic Processing, Field QC

Modeling, Illumination, Rock Physics, 4D

Offshore Reservoir Monitoring, 4D

Reservoir Characterization , Inversion, CSEM

Petrophysics, Completion, Reservoir Analysis

Reserves Management - PRMS

Hydraulic Fracturing



Technology for Oil&Gas E&P
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Exploration, Reservoir & Production



FLAMOIL

NORSAR - Norway

OCTIO - Norway

Rock Solid Images – USA, UK

NUTECH - USA

OGRE - USA

NSI - USA



Technology for Oil&Gas E&P
IT & Computer Sciences

IT & Computer
Sciences



Technology for Oil&Gas E&P
Exploration, Reservoir & Production

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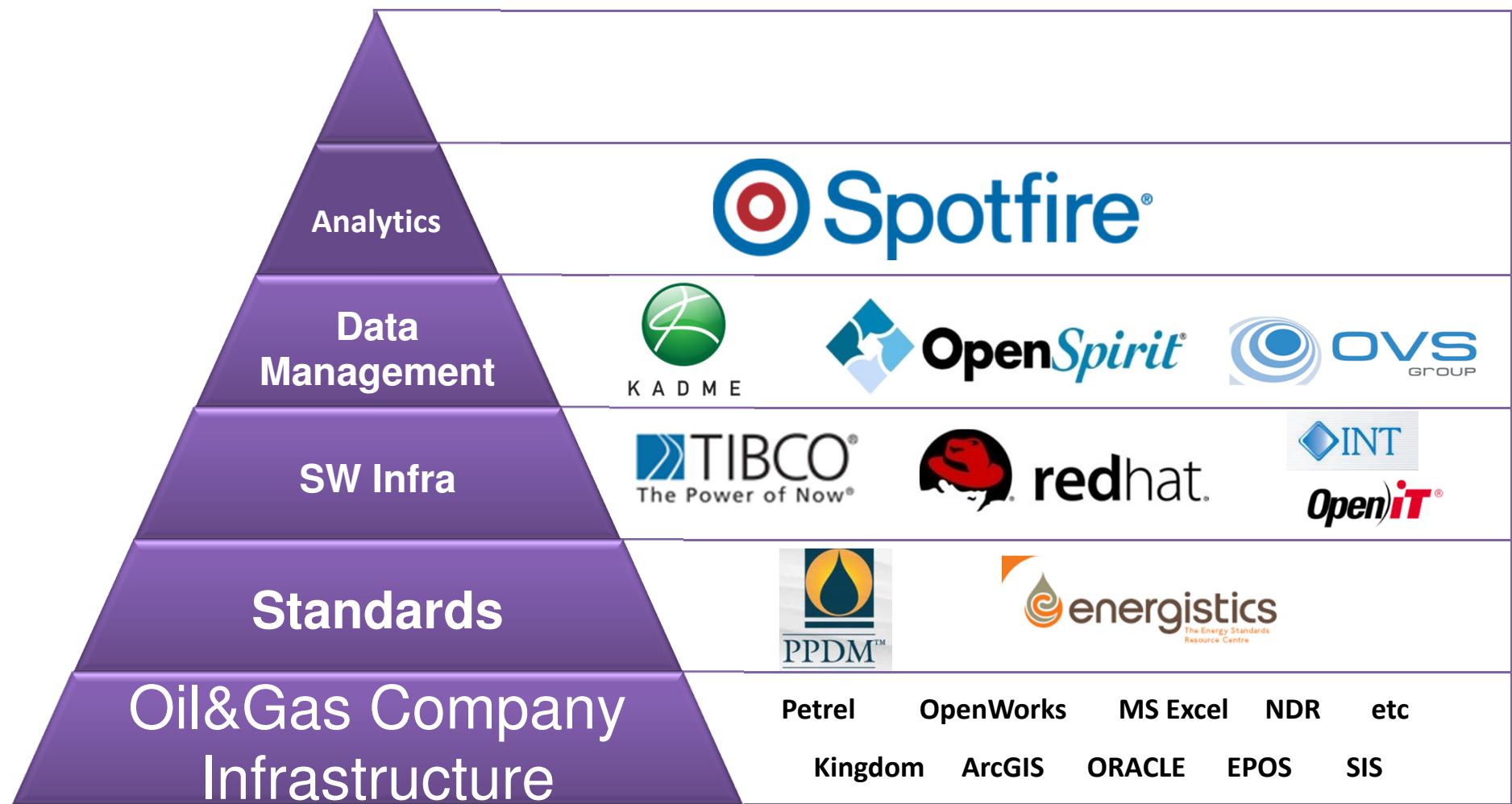
IT & Computer Sciences

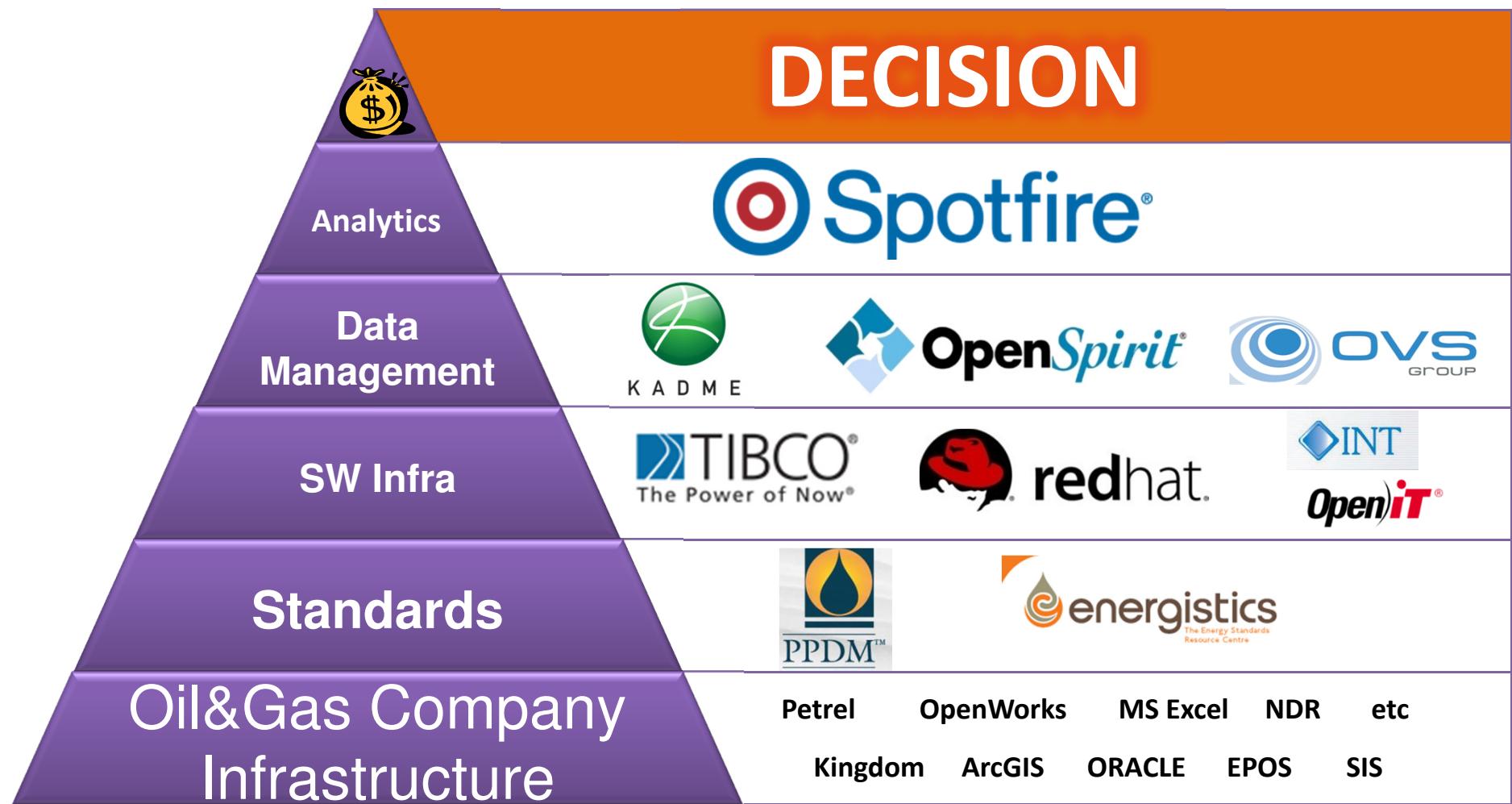
Data Analysis, Data Discovery

Data Management

SW Infrastructure

Oil&Gas Standards







Overview Geral dos Resultados

Bore Hole.dxp - TIBCO Spotfire

Cover Page Well Bore Analysis

Bore Analysis

GR By Depth

Poisson vs Young

DEPTH

FILTER PANEL

Type to search filters

- X: Min (37.83), Max (590.79)
- Y: Min (-10.00), Max (10.00)
- Shape by: (None)
- Size by: (None)
- Bore Hole Eccentricity: 0.00, 2.53
- GR: 37.83, 590.79
- Poisson: 24.00, 13.00, 0.00, 13.00, 24.00
- Include empty values

DEPTH

Individuals Breakdown

Region	2009	[2]	[3]	[4]
Aero Mart	\$14,42
Angela Davis	\$465
Angela Bond	\$69,562	\$26,645	\$625,26	\$2,231,595
Brend Schindler	\$27,036	\$179,908	\$12,208	...
George Parker	\$1,209
Jane Doe	\$87,911	\$79,836	\$79,670	\$95,212
John Smith	\$13,395	\$79,761	\$1,230,295	\$100,149
Pete Parker	\$25,240	\$57,579	\$18,363	...
Sally Avonra	\$898,871	\$37,365	\$148,078	\$1,761,823
Sam Colins	\$25,240	\$57,579	\$18,363	...
Susan Smith	\$672,220	\$629,361	\$617,159	\$2,524,070
Vern Muler	\$749,091	\$1,959,773	\$115,736	\$2,228,605

DETAILS-ON-DEMAND

DEPTH	v	Bore Hole Eccentricity	X	Y	PAD	GR	Poisson	Young
6409.81	0.04	0.78	2.91	-24.00	49.68	0.15	139027	0.15
6407.31	0.75	3.19	-1.07	13.00	48.12	0.15	133834	0.15
6407.31	0.75	-0.95	-2.83	24.00	48.12	0.15	133834	0.15
6407.31	0.75	-3.19	1.07	-13.00	48.12	0.15	133834	0.15

WEALTH AND TRADE ACTIVITY

What should the thresholds be in order to properly balance the segments?

Trade Threshold: 6

Total Value Threshold: \$50,000

Extreme Trader: 30

Ultra High Net Worth: \$1,000,000

FILTER PANEL

Type to search filters

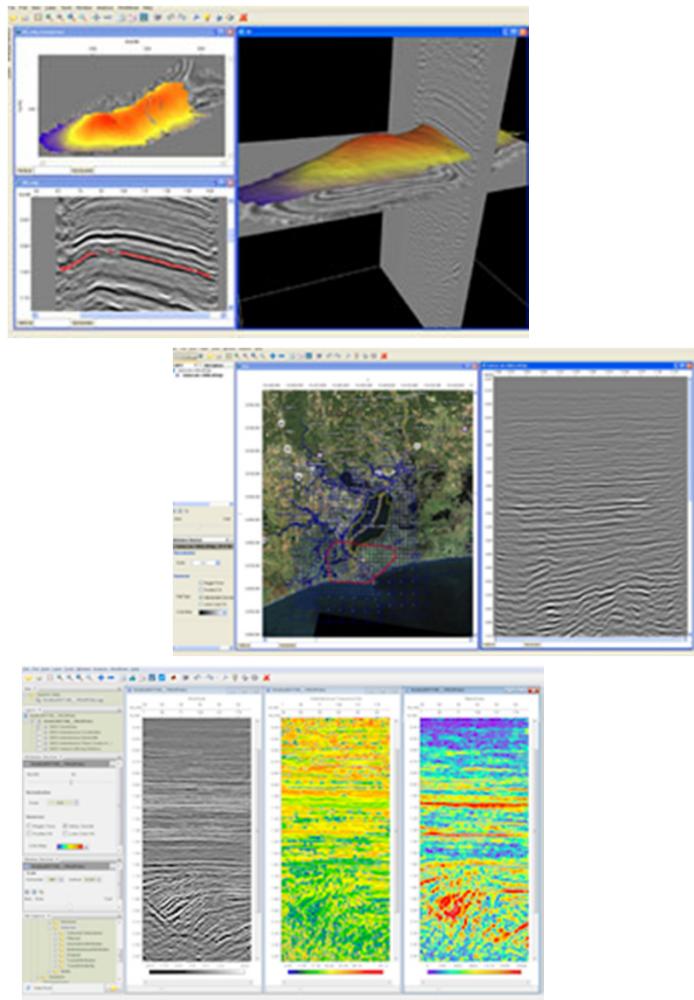
- Sales Team: Extreme Trader, High Value Active Trader, Server, Speculator, Ultra-High Net Worth, Wealth Builder
- Customers: Customer ID: 95248175, Total Value: \$71,244M, Total Value Previous P.: \$5,479, Total Trades: 2,664, Open Date: 6/17/1994, Cash Account Value: -\$4,547,555, Portfolio Value: \$7,960, Account Transactions: 1,776
- Account Data: Total Value: \$71,244M, Total Value Previous P.: \$5,479, Total Trades: 2,664, Open Date: 6/17/1994, Cash Account Value: -\$4,547,555, Portfolio Value: \$7,960, Account Transactions: 1,776
- Sales Groups: Sales Team: Extreme Trader, High Value Active Trader, Server, Speculator, Ultra-High Net Worth, Wealth Builder
- Branch: (All), Boston, Chicago, Dallas, Miami

Number of Accounts

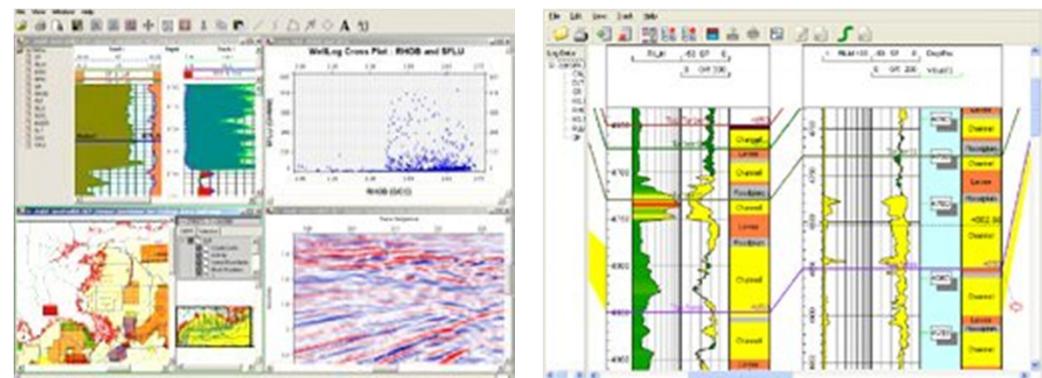
Total Assets

Total Trades

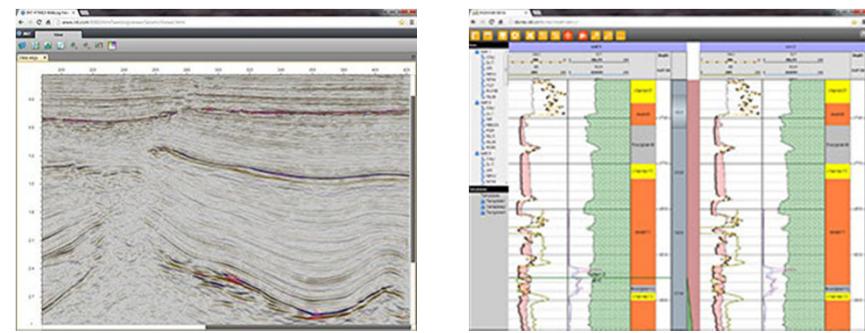
INT Viewer



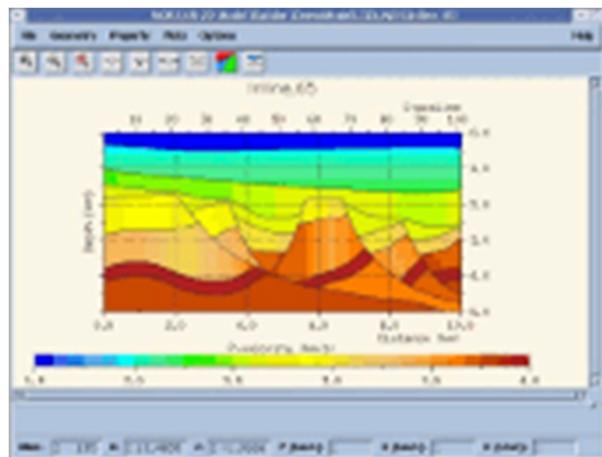
GeoToolkit



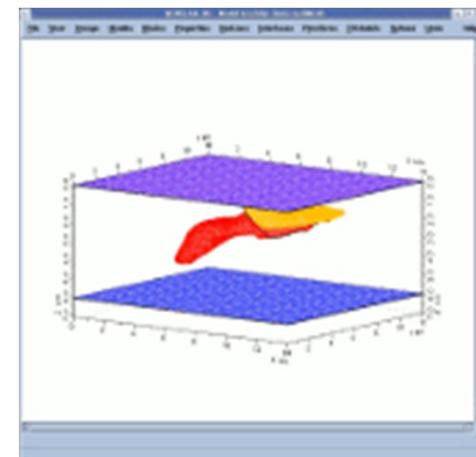
HTML5



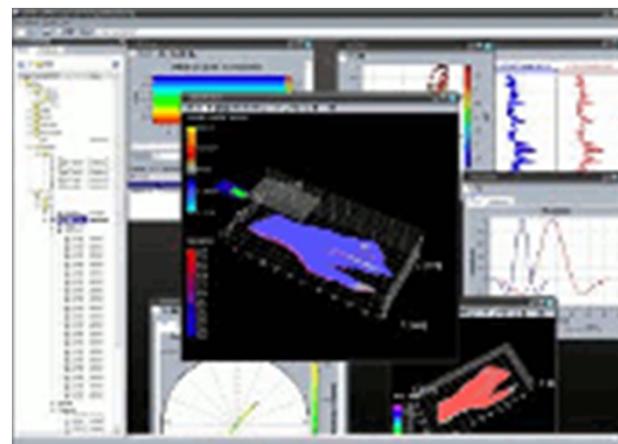
Norsar 2D



Norsar 3D



Norsar SeisRoX





APRESENTANDO A RED HAT

Waldirio M. Pinheiro
Solution Architect, lesBrazil



#1 LÍDER EM CÓDIGO ABERTO

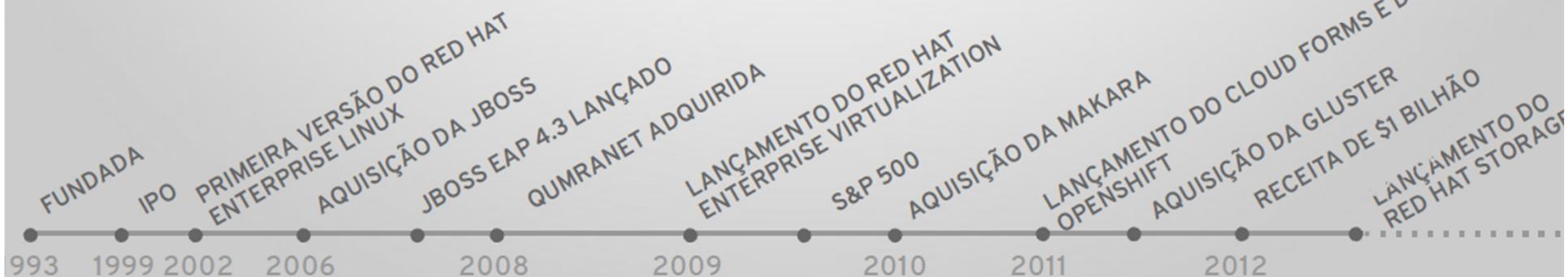
MAIS DE
80%
das
500
maiores
EMPRESAS
utilizam
PRODUTOS &
SOLUÇÕES.
RED HAT



PRESENÇA GLOBAL



CEO JIM WHITEHURST





O QUE FAZEMOS

Oferecemos uma gama de softwares e serviços de missão crítica, abrangendo:

CLOUD

MIDDLEWARE

SISTEMA
OPERACIONAL

VIRTUALIZAÇÃO

STORAGE

COMO FAZEMOS.

Desenvolvemos tudo através de **inovação movida pela comunidade**.

Desenvolvimento compartilhado reduz custos e acelera inovação.

Colaboração aberta oferece produtos que realmente atendem aos requisitos dos clientes.

OS BENEFÍCIOS

- ✓ Flexibilidade
- ✓ Inovação tecnológica mais rápida
- ✓ Melhor qualidade
- ✓ Melhor preço/desempenho
- ✓ Alinhamento a suas necessidades

“ Red Hat Consulting's local experience backed by Enlogit, a Czech Republic Red Hat Premier Partner, gave us peace of mind during roll out. —PAVEL BARTOS, Lead Analyst, GE Money Bank



GE Money Bank



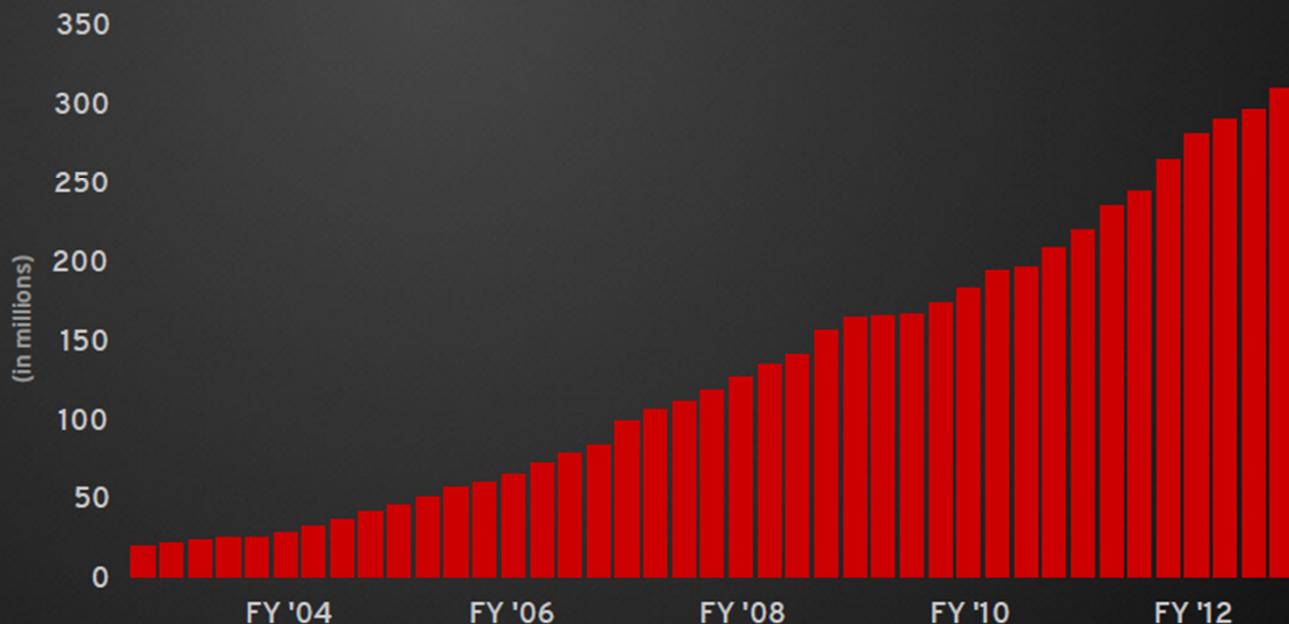
PRIMEIRA EMPRESA de CÓDIGO ABERTO no MUNDO.

a atingir

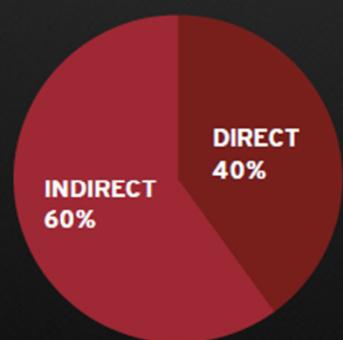
**\$1 BILHÃO DE
DOLARES**

Fonte: Red Hat, Inc.

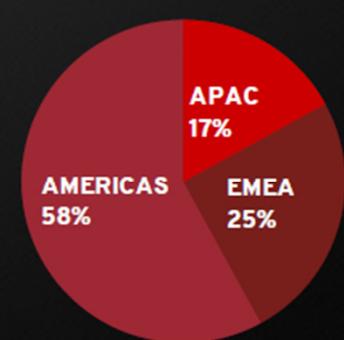
RECEITA DA EMPRESA FY 2003 - FY 2013



BOOKINGS BY CHANNEL FY2012



GLOBAL BOOKINGS FY2012



“ 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.

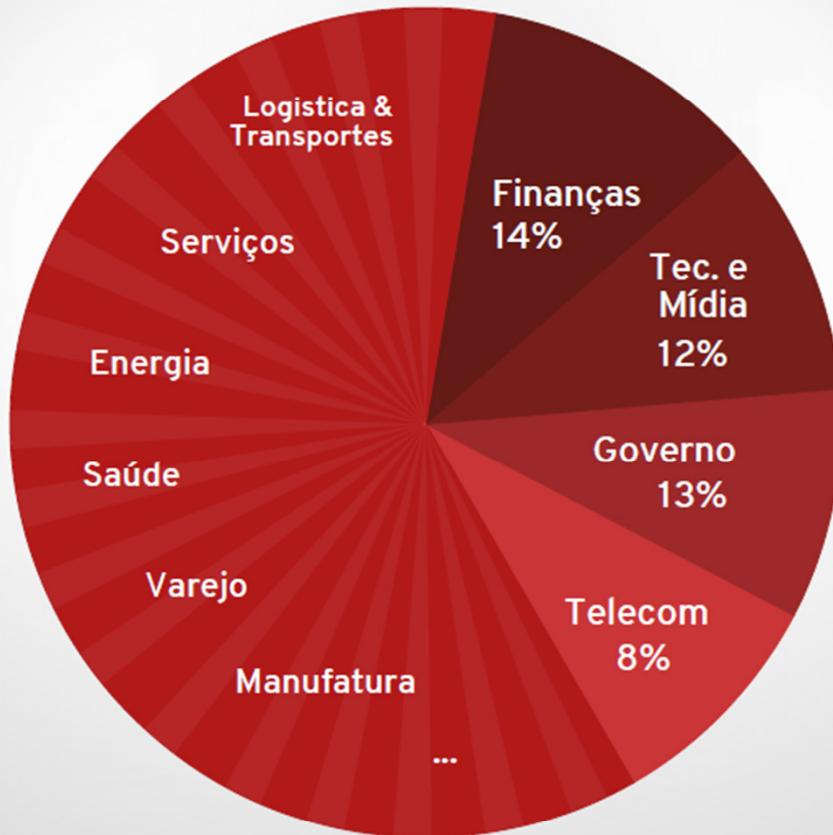
—MICHAEL BLAKE, Director, Systems & Architecture





AMPLA EXPERIÊNCIA

ABRANGÊNCIA
ENTRE
DIVERSAS
VERTICAIS
GLOBALMENTE.



INTENSIDADE
NAS
PRINCIPAIS
VERTICAIS
GLOBALMENTE.

Fonte: Red Hat, Inc.; com base em negócios maiores do que \$100k de Q2 CY2012.

ACXIOM®

“...we needed a reliable, stable, supported version of Linux that we knew would be production-ready...
we are very happy with our partnership with Red Hat. —TERRY TALLEY, CTO

UM MERCADO CRESCENTE PARA PARCEIROS E RED HAT



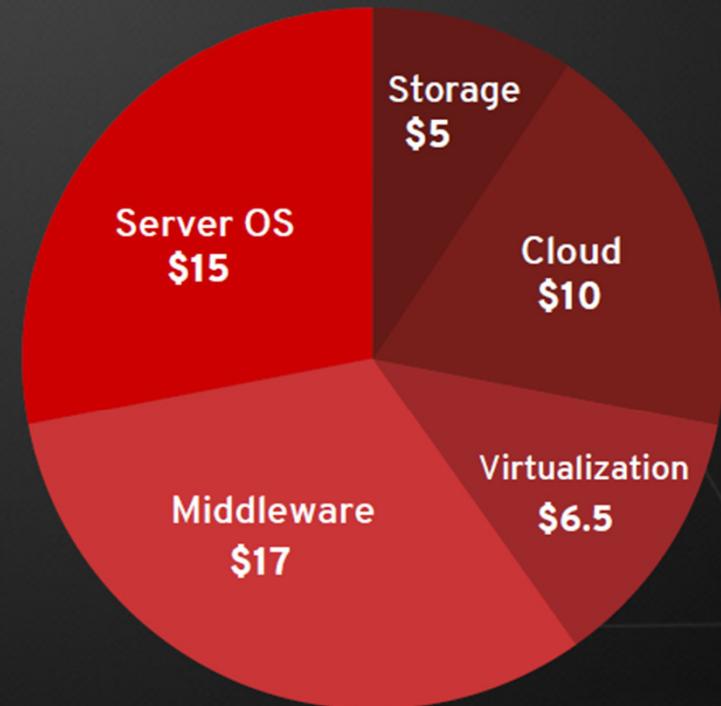
MERCADO POTENCIAL DA RED HAT EM 2005

\$8 BILHÕES

Server OS
\$8

MERCADO POTENCIAL DA RED HAT EM 2016

\$ 53,5 BILHÕES



“A Red Hat Irá Prosperar Na Próxima Década”

—INVESTORS' MOSAIC, Seeking Alpha

Fonte: Com base em estimativas da Red Hat e de analistas, 12 de julho de 2012

Para uma discussão mais aprofundada, veja Seeking Alpha <http://seekingalpha.com/article/718271-red-hat-will-thrive-over-the-next-decade>



Ministerio
de Vivienda,
Construcción
y Saneamiento

“The Zimbra and Red Hat solution provides a cost-effective platform that allows for greater efficiency and a unified email and collaboration platform. —JAIME HONORES CORONADO, Managing Director



“O sistema operacional oferece a flexibilidade e a escalabilidade que o ambiente exige” - Cristian Fujisaka, coordenador de serviços web do Grupo Abril



“Tentamos algumas vezes iniciar a virtualização sem antes otimizar a nossa rede, e não foi possível. Por isso, buscamos uma solução que nos desse esse suporte, e a Red Hat foi a empresa que nos ofereceu o melhor custo-benefício”. - Lourival da Silva Filho, Coordenador de Infraestrutura de TIC



A solução por si só tem funcionado muito bem, tanto que tem nos auxiliado a pensar em transferir outros ambientes, outras soluções e outras plataformas para a Red Hat”. - Carlos Revelato de Alcântara, gerente corporativo de TI e responsável pela área de infraestrutura da Serasa Experian

NOSSOS CLIENTES



A maior bolsa do planeta.



O maior sistema de
distribuição global no mundo.



Grupo de hotéis
internacional



Uma empresa líder na
computação em núvem.



“ Over the years, we have seen time and again that Red Hat follows a more conscientious approach than others.
—THOMAS VON STEIGER, Systems Engineer, Swisscom IT Services



“ We came to the decision that Red Hat would be better for our environment because the support we received from Red Hat was outstanding... –DAVE DIPIAZZA, Manager, Internet services





RED HAT
ENTERPRISE
VIRTUALIZATION

RED HAT NETWORK
SATELLITE

JBoss
Operations
Network

Sistemas de
Gerenciamento



App Platforms / Messaging / Cache / Grid / SOA

RED HAT®
ENTERPRISE
LINUX®

RED HAT®
STORAGE

Scale-Out, High-Performance Storage Software

Servidores
Físicos

Servidores
Virtuais



OPENSIFT
PaaS

RED HAT®
CLOUDFORMS

Open Hybrid Cloud
Management



openstack™
CLOUD SOFTWARE

IaaS

Servidores
em Nuvem

Infraestrutura de Rede & Armazenamento

“ 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

AS ALTERNATIVAS DO CIO



PaaS Cloud	VMware Cloud Foundry, Microsoft Azure, Google App Engine	>	Red Hat OpenShift
Application Server	IBM WebSphere Application Server, Spring tc Server, Oracle WebLogic Server	>	JBoss Enterprise Application Platform
Portal / WCM	IBM Websphere Portal Server, Liferay Portal Oracle WebCenter Portal	>	JBoss Enterprise Portal Platform JBoss Site Publisher
In Memory Data Grid	IBM WebSphere eXtreme Scale, Oracle Coherence, VMware vFabric GemFire	>	JBoss Data Grid
Enterprise Service Bus (ESB)	IBM WebSphere ESB & Message Broker, Oracle SOA Suite & ES, MuleSule ESB, Sonic ESB, Tibco ActiveMatrix	>	JBoss Enterprise SOA Platform
Data Services	IBM InfoSphere Federation Server, Progress DataXend SI, Oracle Data Integration Suite, Composite Information Server	>	JBoss Enterprise Data Services Platform
Business Rules	IBM BPM & ILOG Operations Decision Manager (ODM), Oracle BPM Suite Pegasystems Business Rules, FICO Blaze Advisor	>	JBoss Enterprise BRMS
Messaging	IBM WebSphereMQ, VMware vFabric RabbitMQ, Oracle AQ, Tibco EMS	>	Red Hat MRG Messaging
Cloud and Grid Management	VMware vCloud Director, Oracle Grid Engine	>	Red Hat CloudForms Red Hat MRG Grid
Operating System	Microsoft Windows (with Hyper-V virtualization), Oracle Solaris, IBM AIX, HP/UX	>	Red Hat Enterprise Linux (with embedded KVM virtualization)
Virtualization	VMware vSphere, Citrix XenServer, Microsoft HyperV	>	Red Hat Enterprise Virtualization
Storage	NetApp, EMC Isilon	>	Red Hat Storage (previously known as Gluster)



PORTFÓLIO DE SERVIÇOS

RED HAT CONSULTING

Solucionando desafios estratégicos de tecnologia, maximizando desempenho e eficiência de infraestrutura – otimizando sua TI.

- Experiência inigualável em código aberto
- Acelera a conclusão de projetos.
- Facilita a interoperabilidade.
- Consultores diretamente ligados a comunidade e a equipes de desenvolvimento.

SERVIÇOS DE INFRAESTRUTURA

- Aumente o valor da infraestrutura de TI com Pathways.
- Experiência em projetos complexos e de missão crítica
- Libere seus recursos para um maior ROI

SERVIÇOS DE MIDDLEWARE E APLICAÇÕES

- Ciclo de vida completo de desenvolvimento.
- Serviços de desenvolvimento de aplicações e migração de plataforma
- Processo de desenvolvimento Ágil

RED HAT TRAINING

Prepara sua organização de TI com conhecimento e habilidades práticas para otimizar suas implementações de Red Hat e JBoss – melhorando produtividade e mitigando riscos.

- ✓ Colaboradores obtém habilidades, promovendo sucesso de TI.
- ✓ Grande portfólio de cursos.
- ✓ Mais de 100.000 profissionais certificados Red Hat.
- ✓ Mais de 60% das empresas Fortune 2000 utilizaram Red Hat Training.
- ✓ Mais de 1 milhão de clientes de Red Hat Training .

“ [The knowledge transfer] component added value to our consulting purchase and lasted long after the consultant had left. —FRANCOIS MOUNIER, Integration & Development Manager





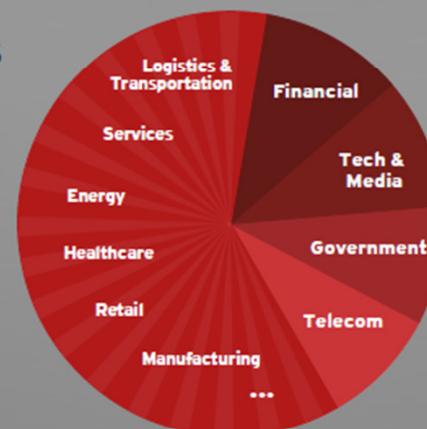
RED HAT É:

Uma empresa de receita de \$1 bi e que faz parte do S&P 500...



Líder mundial no desenvolvimento e fornecimento de software de código aberto para TI corporativa...

...globalmente ativa em todas as principais verticais, com fortes modelos de entrega via canal e direto.



...oferecendo um portfólio completo de produtos e serviços

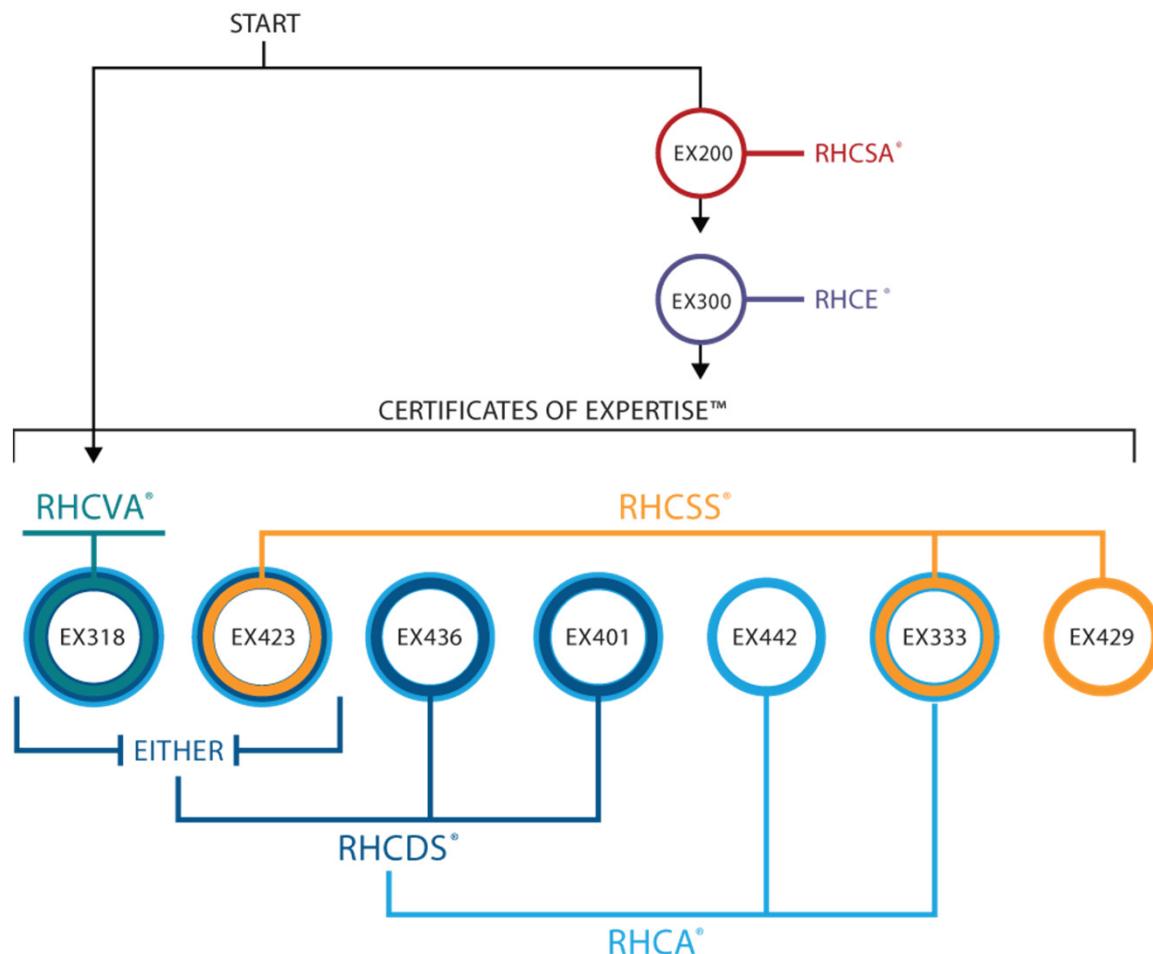


E ENTREGANDO:

- Preço/Desempenho Excepcional
- Flexibilidade Operacional
- Qualidade e Inovação do Código Aberto
- Alinhamento com Requisitos dos Clientes



CARREIRA RED HAT



Certificações

- RHCVA** Red Hat Certified Virtualization Administrator
- RHCSA** Red Hat Certified System Administrator
- RHCE** Red Hat Certified Engineer
- RHCSS** Red Hat Certified Security Specialist
- RHCDS** Red Hat Certified Datacenter Specialist
- RHCA** Red Hat Certified Architect

Exames de especialização

- EX318** Enterprise Virtualization
- EX333** Enterprise Security: Network Services
- EX401** Deployment and System Management
- EX423** Directory Services and Authentication
- EX429** SELinux Policy Administration
- EX436** Clustering and Storage Management
- EX442** Performance Tuning



JBoss®
CERTIFIED
APPLICATION
ADMINISTRATOR

JBOSS CERTIFIED APPLICATION ADMINISTRATOR (JBCAA™)

A Red Hat tem a satisfação de anunciar a certificação JBoss Certified Application Administrator. Com ela, a Red Hat amplia o programa de certificação consagradas no setor para os produtos JBoss.

Por que estamos oferecendo uma certificação em middleware agora? Nossos clientes nos procuram para implantar JBoss Enterprise Middleware de forma eficaz, otimizando o investimento estratégico. O JBCAA pode ajudá-los a identificar profissionais capacitados para atendê-los de maneira eficiente.

Gerentes de TI têm a garantia de que os administradores com a certificação JBCAA demonstram ter as habilidades e o conhecimento necessários para instalar, configurar, monitorar e gerenciar a JBoss Enterprise Application Platform e implantar aplicativos nessa plataforma.

Cursos do JBoss

- 7 JB336** JBoss Application Administration
- 8** JBoss Certified Application Administrator (JBCAATM)
- 9 JB346** JBoss Advanced Administration
- 10** Ferramenta de seleção dos cursos de desenvolvimento do JBoss
- 11 JB295** JBoss Enterprise Application Development
- 12 JB321** JBoss Portal Platform Development
- 13 JB325** Advanced JBoss Enterprise Development
- 14 JB311** JBoss Seam Development
- 15 JB297** JBoss Hibernate Technology
- 16 JB431** JBoss SOA: ESB Service Implementation
- 17 JB433** JBoss SOA: BRMS Implementation



RED HAT SUMMIT



Red Hat
Red Hat SUMMIT, São Francisco, CA



RED HAT
SUMMIT

SAN FRANCISCO, CA
APRIL 14-17, 2014

HOME SOCIAL AWARDS

OVERVIEW

AGENDA

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EXPERIENCE
OPEN SOURCE.

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Red Hat Red Hat SUMMIT, Passados



SUMMIT **JBoss WORLD**

PRESENTED BY RED HAT

BOSTON, JUNE 26-29, 2012

HIGHLIGHTS

Past Red Hat Summit and JBoss World Events

Coming up on their eighth year, and fourth together, the Red Hat Summit and JBoss World have set up open source shop in various locations around the US and Internationally.

Past locations include:

2011 Red Hat Summit and JBoss World, Boston

Returning to the Seaport World Trade Center in Boston, the seventh annual Red Hat Summit and JBoss World was a forum for sharing knowledge and best practices for platform, middleware, management, and virtualization solutions as well as the future of the open cloud. With a focus on Interoperability and portability with our partners, a theme of "Mix Well" was felt throughout the 136 breakout sessions, keynotes, and campgrounds. We also demonstrated this commitment with our best "mixes" of open source solutions for maximum effect for our featured customers on our customer walkway. Red Hat also shared our cloud strategy with the community and announced two new cloud offerings: OpenShift and CloudForms.

[Click here to see highlights from the 2011 Red Hat Summit and JBoss World.](#)

2010 Red Hat Summit and JBoss World, Boston

Red Hat took the party back to Boston in 2010, hosting both events at the Seaport Hotel and World Trade Center, June 22 - 25, 2010. Highlights included visionary keynotes and product announcements from Jim Whitehurst, Paul Cormier, and Brian Stevens touting the importance of cloud computing and virtualization to meet the new demands placed on IT. The event off-site party was hosted at Quincy Market and Faneuil Hall, followed by the ever-popular Red Hat Summit and JBoss World pub crawl.

2009 Red Hat Summit and JBoss World, Chicago

The Hilton Chicago was home to the fifth year of the Red Hat Summit and JBoss World, held September 1-4, 2009. It was the first time the two events were co-located. From the head of digital operations at DreamWorks, to the CIO of GEICO, and CTO of the New York Stock Exchange -- the keynote topics covered it all. Red Hat also announced the availability of JBoss Enterprise Application Platform 5, Red Hat Enterprise Linux 5.4, and a new open source cloud community project -- Deltacloud.

2008 Red Hat Summit, Boston

Summer was in full force when Red Hat landed in Boston in June 2008 for the fourth-annual Red Hat Summit. Notable keynoters included: the CIO of Harvard Medical School, the co-executive producer and writer for The Simpsons, and the general manager of IBM. Red Hat announced the availability of Red Hat MRG, which delivers real-time capability and high-performance messaging. Also announced was Red Hat's initiative to



Red Hat Evento





Boas Práticas, Recomendações, ...

- Idioma
- Vontade de Aprender (sem medo de ser feliz)
- Flexibilidade as novas tendências / tecnologias
- Medo do desconhecido e/ou novo
- Sonhos
- Atenção nos detalhes ...
- Network Profissional (linkedin)
- ...



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LinkedIn: <http://br.linkedin.com/in/waldirio/>

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Gtalk: waldirio@gmail.com



OBRIGADO