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# Management a automatizace - cesta k moderní IT infrastruktuře (Red Hat & Intel)

Sergey Goncharov, Solution Architect CEE  
April 24, 2018 - Vienna House - Prague

# AGENDA

**8:30 - 9:00**

Check-in

**9:00 - 10:00**

OpenSource a Red Hat - Správná kombinace pro řešení IT infrastruktury v době digitální transformace

**10:00 - 10:30**

Co je nového v RHEL 7.5? Krátký komentář o CoreOS

**10:30 - 11:00**

Standardizujte, optimalizujte a kontrolujte své Linux prostředí - Red Hat Satellite a Insights (novinky a ukázky)

**11:00 - 11:15**

Přestávka s občerstvením

**11:15 - 12:15**

Automatizace vašeho datacentra jednoduše a výkonně - Red Hat Ansible Engine a Ansible Tower (hands-on)

**12:15 - 12:45**

Optimizujte a rozšiřte své investice do virtualizace - Red Hat Virtualization (demo)

**12:45 - 13:30**

Obědová pauza

**13:30 - 14:30**

Monitorujte své IT prostředí aneb od vlastního datacentra po veřejný cloud - Red Hat CloudForms (hands-on)

**14:30 - 15:00**

Red Hat Openshift Container Platform - Enterprise standard pro adopci kontejnerové technologie a zavedení DevOps do vašeho podnikání

**15:00 - 16:00**

Detailní pohled do Red Hat Openshift Container Platform - Nastavení sítě a storage (demo)

**16:00 - 16:15**

Prostor pro diskuzi



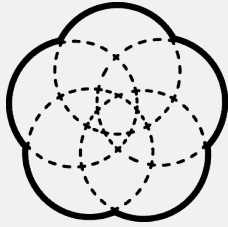
redhat.®



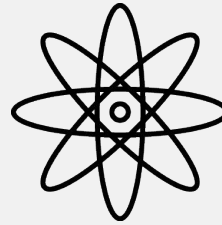
# OUR HISTORY



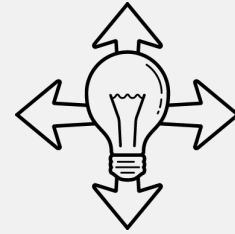
# INNOVATION AND STABILITY



More than 20 years  
of collaboration



Trusted innovation  
engines



Common strategic  
vision

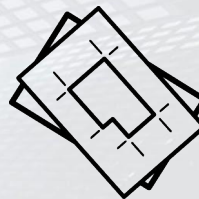
# OUR COMMITMENT



Accelerate speed to market for industry-standard platforms



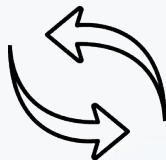
Actively contribute to the open source community



Deliver innovation through joint roadmaps



Develop and deliver unique technologies



Provide consistency and compatibility across platforms



Develop RAS to enhance data protection

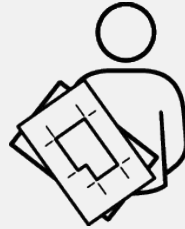
# WHY RED HAT AND INTEL?



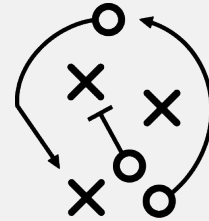
# WHAT IF YOU COULD...



Efficiently engage your  
IT organization?



Develop better  
business solutions?



Make your company  
more competitive?

With Red Hat and Intel, it's possible.





redhat.



OpenSource a Red Hat - Správná kombinace pro řešení IT  
infrastruktury v době digitální transformace

# ABOUT RED HAT

More than  
**90%**  
of the  
FORTUNE  
**500**  
use  
**Red Hat**  
PRODUCTS  
AND  
SOLUTIONS\*

**~11,000**  
employees  
**85**  
offices  
**35**  
countries

S&P  
**500**  
company

NYSE:  
**RHT**

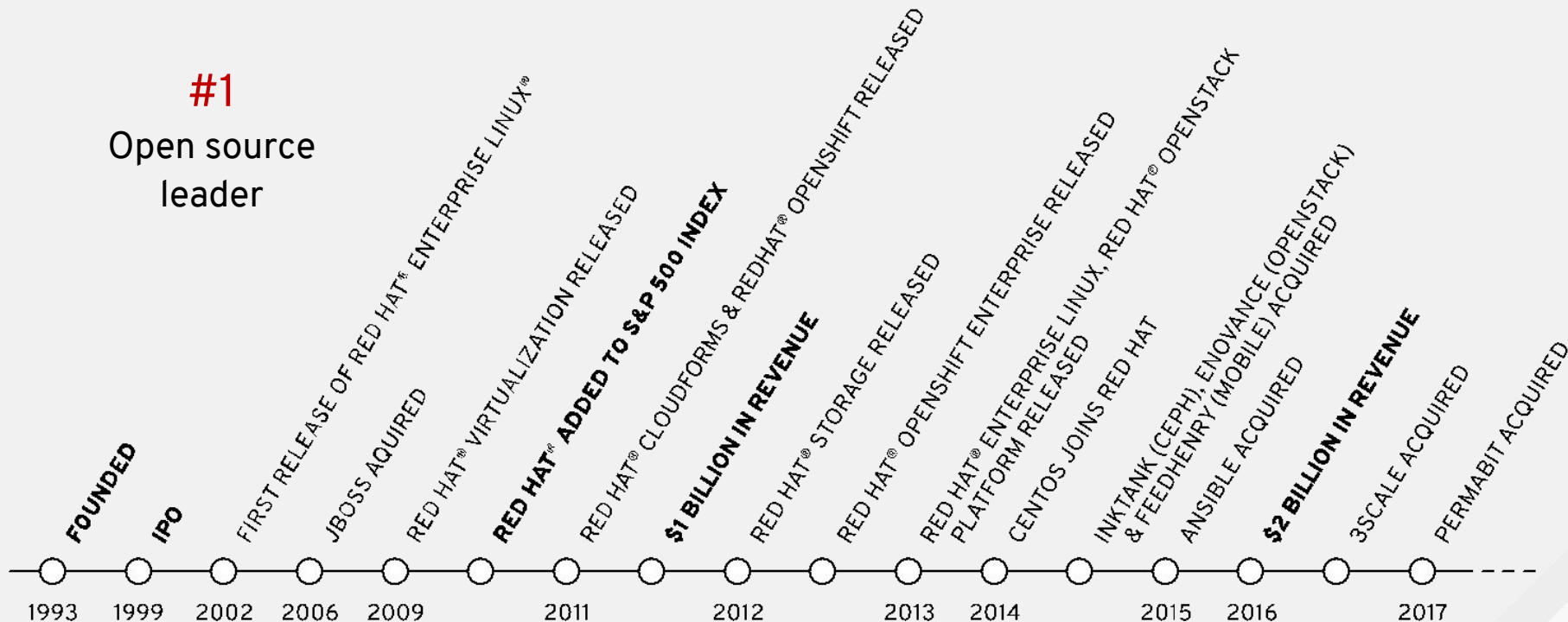
Award-winning **solutions**



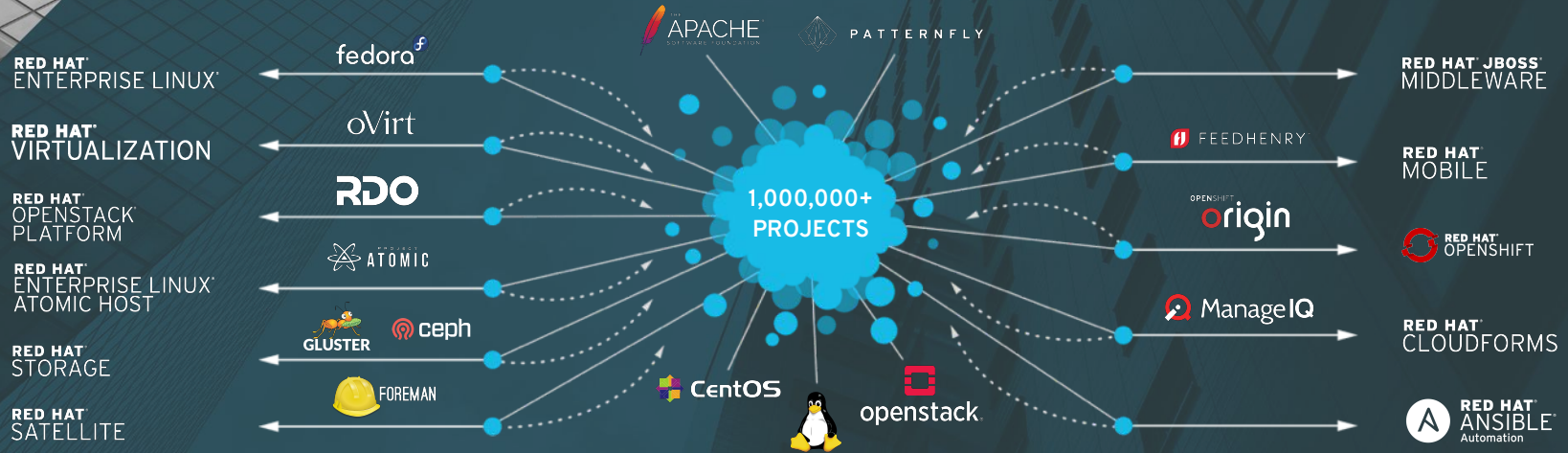
# RED HAT TIMELINE

#1

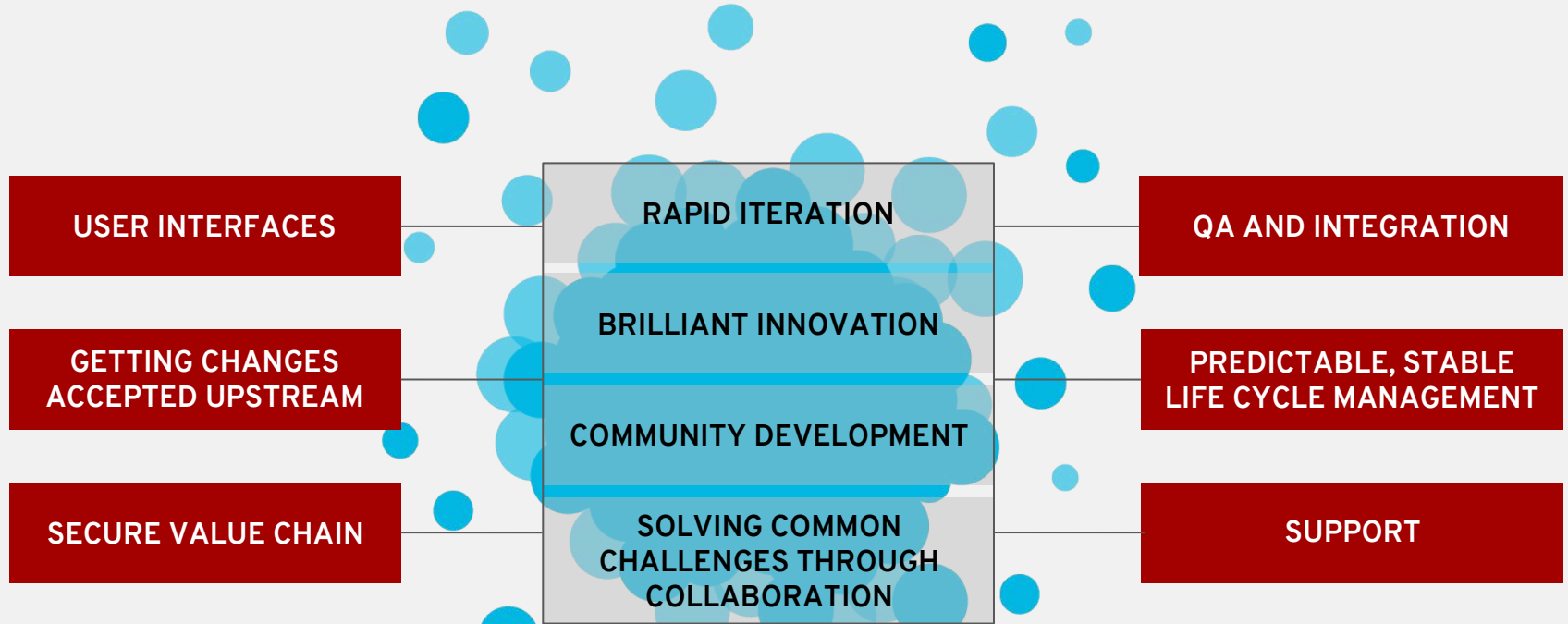
Open source  
leader



# FROM COMMUNITY TO ENTERPRISE

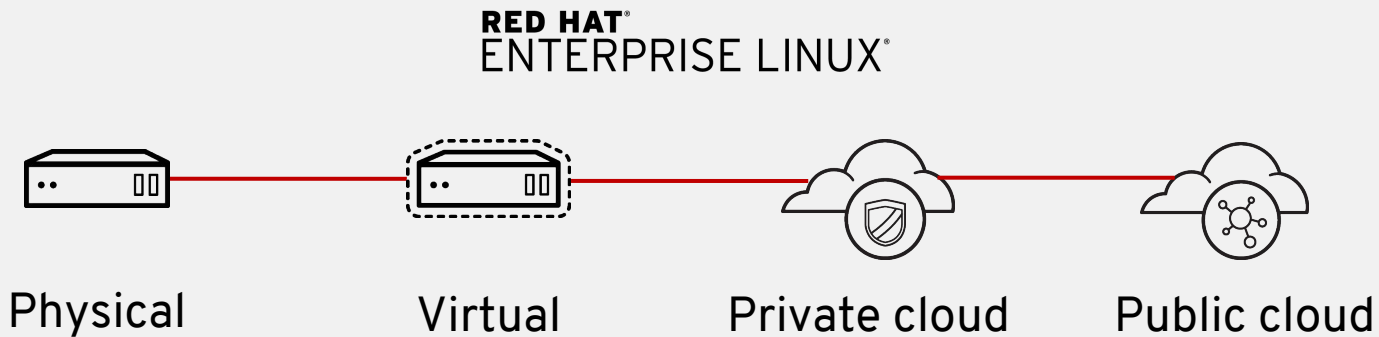


# IT'S ABOUT MORE THAN OPEN SOURCE



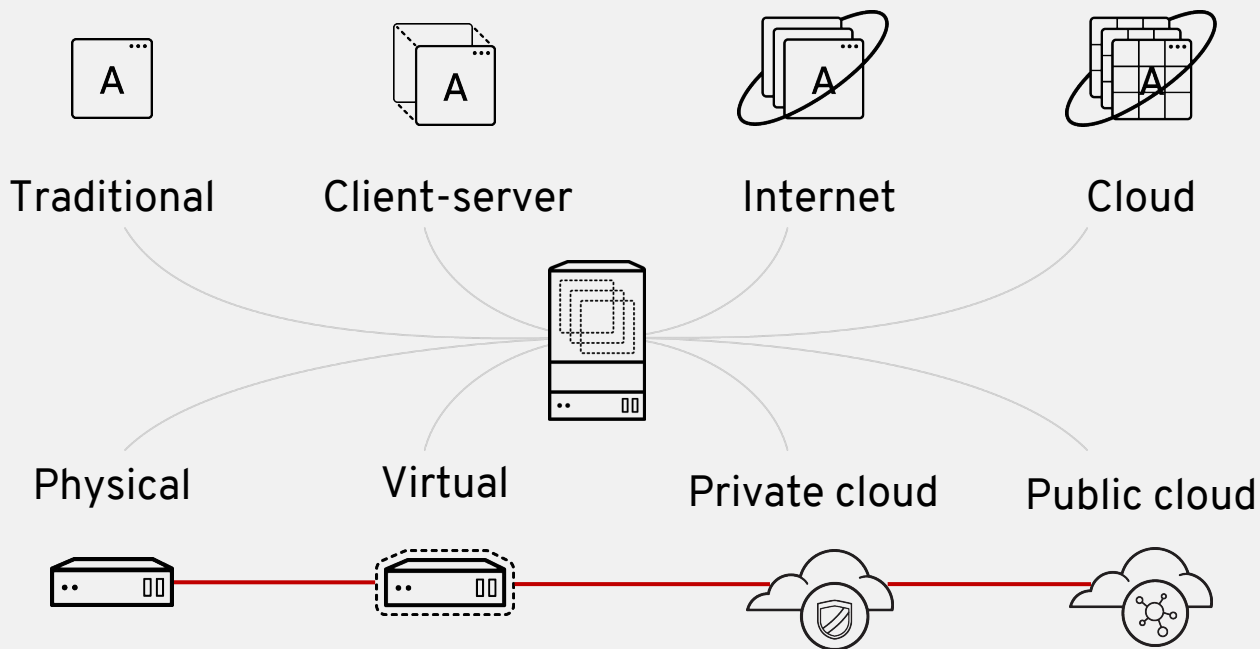
# RED HAT'S VISION: OPEN HYBRID CLOUD

THIS IS THE REALITY FOR MOST ORGANIZATIONS.



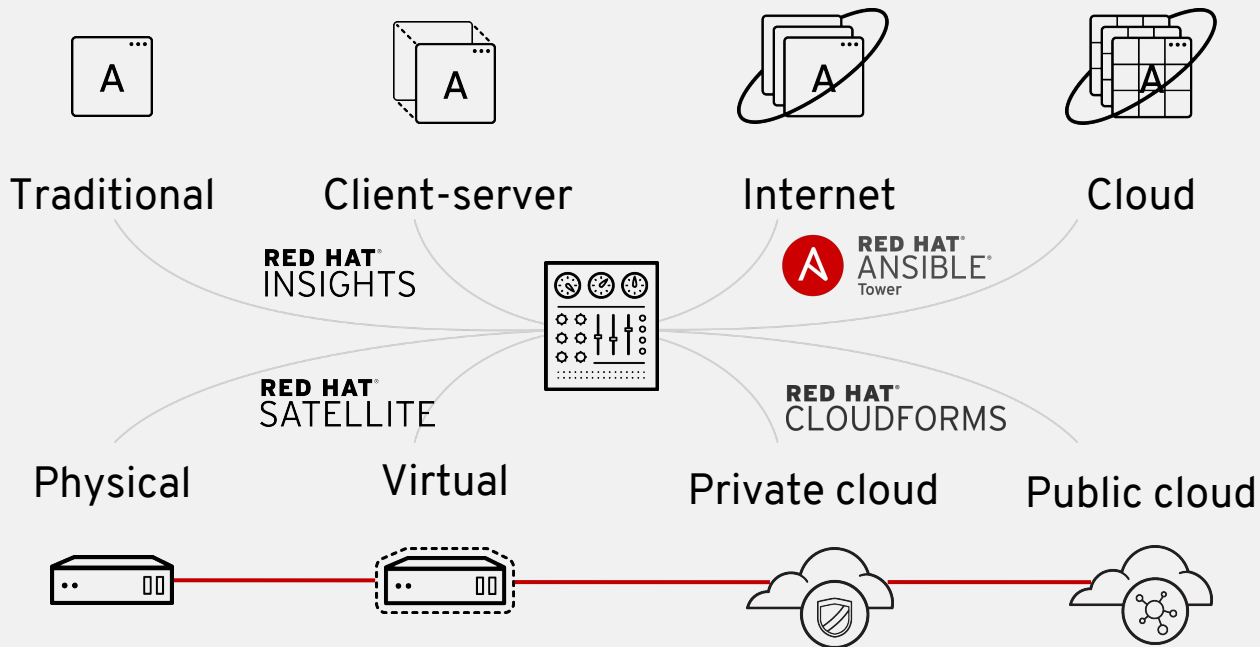
# RED HAT'S VISION: OPEN HYBRID CLOUD

ALL KINDS OF APPS AND ENVIRONMENTS, INCLUDING CONTAINERS



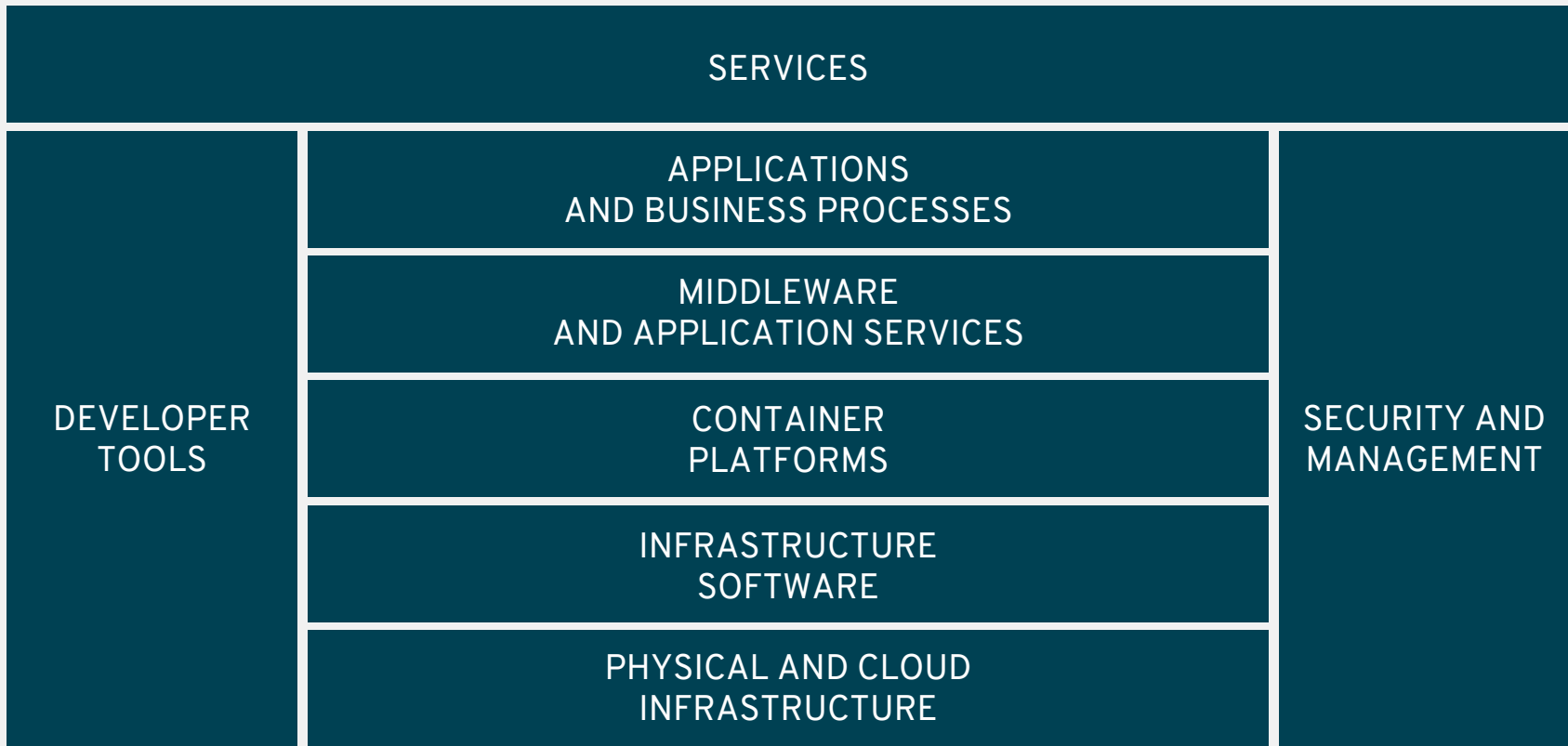
# RED HAT'S VISION: OPEN HYBRID CLOUD

COMMON MANAGEMENT, INTEGRATION, AND AUTOMATION TO KEEP IT ALL GOING





# A COMPLETE TECHNOLOGY STACK



# IT'S ALL HERE

## SERVICES

RED HAT  
CONSULTING

RED HAT  
TRAINING +  
CERTIFICATION

RED HAT  
SERVICES

### DEVELOPER TOOLS

RED HAT JBOSS  
DEVELOPER STUDIO

RED HAT  
OPENSIFT  
Container Lab

RED HAT  
CONTAINER  
DEVELOPMENT KIT

### APPLICATIONS AND BUSINESS PROCESSES

### MIDDLEWARE AND APPLICATION SERVICES



RED HAT JBOSS  
BPM SUITE

RED HAT JBOSS  
FUZE

RED HAT JBOSS  
DATA GRID

RED HAT JBOSS  
ENTERPRISE  
APPLICATION PLATFORM

RED HAT JBOSS  
BRMS

RED HAT JBOSS  
AMQ

RED HAT JBOSS  
DATA VIRTUALIZATION

RED HAT  
MOBILE APPLICATION  
PLATFORM

### CONTAINER PLATFORMS

RED HAT  
OPENSIFT  
Container Platform

### INFRASTRUCTURE SOFTWARE

RED HAT  
ENTERPRISE LINUX

RED HAT  
ENTERPRISE LINUX  
ATOMIC HOST

RED HAT  
STORAGE

RED HAT  
OPENSTACK  
PLATFORM

RED HAT  
VIRTUALIZATION

### PHYSICAL AND CLOUD INFRASTRUCTURE

### SECURITY AND MANAGEMENT

RED HAT  
INSIGHTS

RED HAT  
ANSIBLE  
Automation

RED HAT  
SATELLITE

RED HAT  
CLOUDFORMS

# COMPREHENSIVE SERVICES



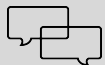
## TRAINING AND CERTIFICATION

- 40+ courses
- Hands-on certifications and exams
- Automation with Ansible courses
- Container-based app dev courses
- Red Hat® Learning Subscription



## SUPPORT

- Award-winning Customer Portal
- Technical support, available 24x7
- Automated, proactive support tools
- Strategic and technical roadmap planning
- Emerging technology support and guidance



## CONSULTING

- Open solutions using Red Hat products
- Architect, consultant, PM expertise
- Both process and IT alignment
- On-site or remote delivery
- Hands-on mentoring



## HARDWARE, SOFTWARE, AND CLOUD CERTIFICATION

- Hundreds of public cloud providers
- Thousands of hardware platforms
- Tens of thousands of applications
- Red Hat® Container Certification

# RED HAT IS EVERYWHERE

RED HAT® SOLUTIONS POWER LEADING ORGANIZATIONS.

**100%**

of airlines in the Fortune Global 500 rely on Red Hat



**100%**

of telcos in the Fortune Global 500 rely on Red Hat



**100%**

of US executive departments rely on Red Hat



**100%**

of financial data services companies in the US Fortune 500 rely on Red Hat

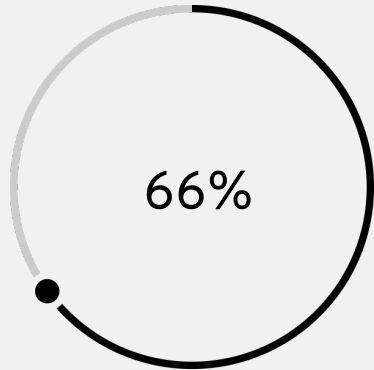


**100%**

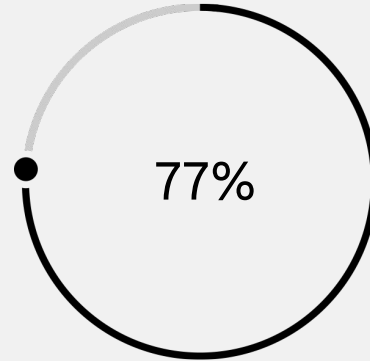
of commercial banks in the Fortune Global 500 rely on Red Hat



# DIGITAL TRANSFORMATION IS ESSENTIAL

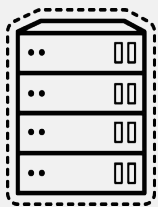


Recognize the need  
to transform<sup>1</sup>

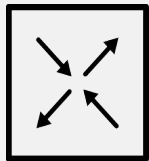


Technological advances  
transforming business  
expectations<sup>2</sup>

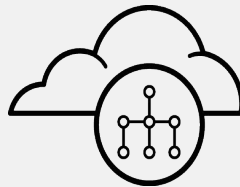
# ...BUT I.T. IS CHALLENGING



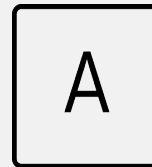
Optimize  
existing IT



Integrate apps,  
data, and processes

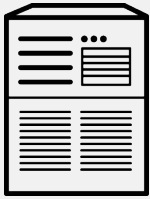


Add and manage  
cloud infrastructure

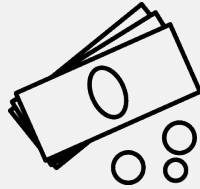


Build more  
modern apps

# CHALLENGE 1: EXISTING INFRASTRUCTURE



Legacy  
infrastructure



Limited  
innovation budget



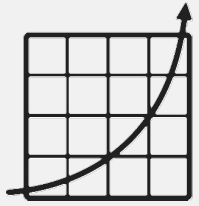
Cost-centric  
approach



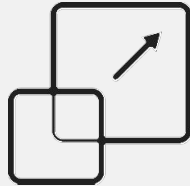
Compliance  
constraints

# TOP REASONS TO OPTIMIZE I.T.

GAIN EFFICIENCY WITH SCALE, SPEED, AND SELF-SERVICE CAPABILITIES



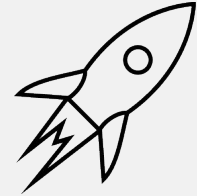
Efficiency



Scalability



Self-service



Speed