



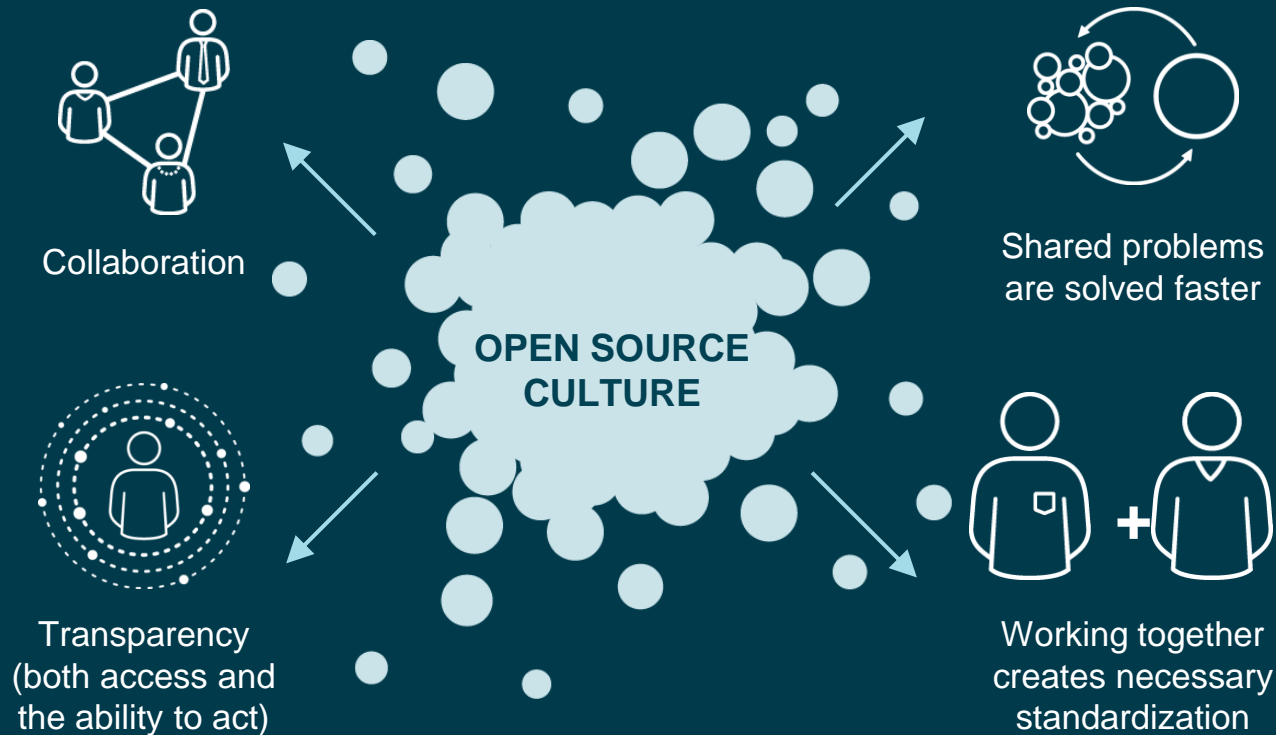
# DIGITAL TRANSFORMATION WITH OPEN SOURCE

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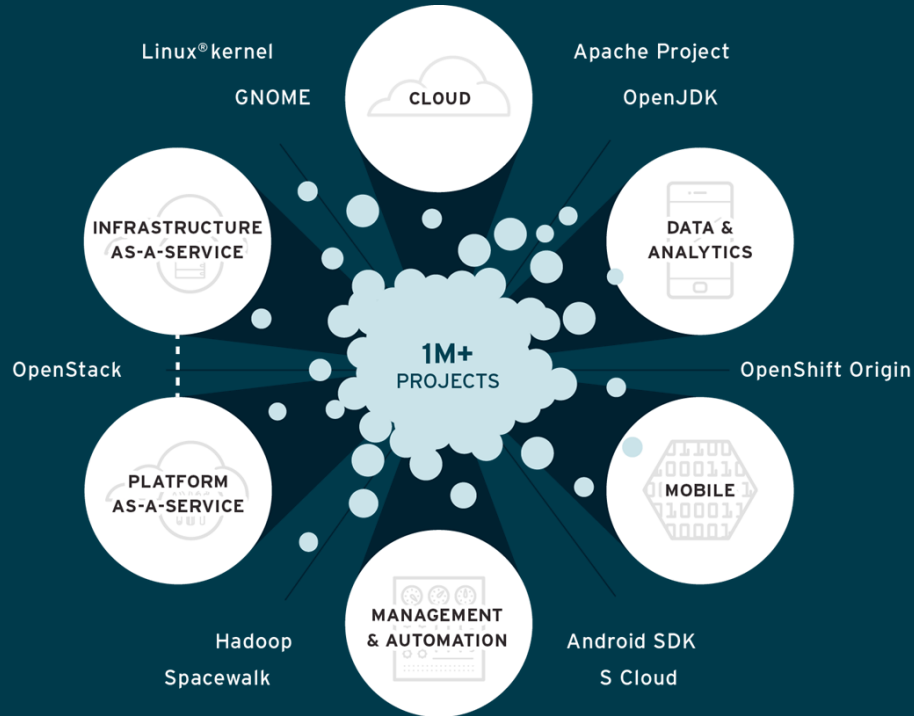
# Open Source driving the Digital Transformation



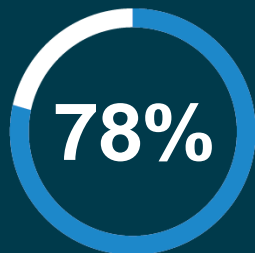
# IT'S NOT JUST CODE; IT'S CULTURE



# OPEN SOURCE DEVELOPMENT DRIVES RAPID INNOVATION



# OPEN SOURCE ADOPTION



of enterprises run open source. <sup>[1]</sup>



of companies are contributing to open software. <sup>[2]</sup>

[1] Black Duck Software, [9th Annual Future of Open Source survey](https://www.blackduckssoftware.com/2015-future-of-open-source), 2015. [www.blackduckssoftware.com/2015-future-of-open-source](https://www.blackduckssoftware.com/2015-future-of-open-source)

[2] Black Duck Software, [10th Annual Future of Open Source survey](https://www.blackduckssoftware.com/2016-future-of-open-source), 2016. [www.blackduckssoftware.com/2016-future-of-open-source](https://www.blackduckssoftware.com/2016-future-of-open-source)

# GOVERNMENT DIGITAL INITIATIVE

**Digital India:** The Digital India programme is a flagship programme of the Government of India with a vision to transform India into a digitally empowered society and knowledge economy.

**Make in India:** Make in India, a type of Swadeshi movement covering 25 sectors of economy, was launched by the Government of India in 2014 to encourage companies to manufacture their products in India

**Smart Cities:** The Smart Cities Mission is an innovative and new initiative by the Government of India to drive economic growth and improve the quality of life of people by enabling local development and harnessing technology as a means to create smart outcomes for citizens

**Skilled India:** Pradhan Mantri Kaushal Vikas Yojana (PMKVY) is the flagship scheme of the Ministry of *Skill* Development & Entrepreneurship (MSDE). The objective of this *Skill* Certification Scheme is to enable a large number of *Indian* youth to take up industry-relevant *skill* training that will help them in securing a better livelihood.

## GOVERNMENT

# CRIS

Improve customer experience  
with infra, passenger app.

Uses RHEL, EAP, Consulting

## FINANCIAL SERVICES



Build the world's fastest trading system.

Uses RHEL, Satellite, (MRG), EAP, Consulting, TAM

## GOVERNMENT



THE UNIVERSITY  
*of* NORTH CAROLINA  
at CHAPEL HILL

Build a PaaS environment for dev and hosting.

Uses OpenShift

# TRUSTED PARTNER FOR GOVERNMENT

*Red Hat offers a range of mission-critical software and services...*



Cloud



Middleware



Operating System



Virtualization



Storage



Mobile

## Benefits

Flexibility

Faster technology innovation

Better quality

### **Open collaboration:**

Products that meet customer needs

**Shared development:** Accelerated innovation

Long-term deployment

Better security—assurance

Better price/performance



# GOVERNMENT IS MOVING TO CLOUD



Optimize the IT  
you have



**GAIN  
EFFICIENCY**



Integrate apps, data,  
and processes



**IMPROVE  
PRODUCTIVITY**



Add and manage cloud  
infrastructure



**INCREASE  
AGILITY**



Build more modern  
applications



**MOVE  
FASTER**

# RED HAT<sup>®</sup> CLOUD SUITE



## SYSTEM MANAGEMENT

RED HAT<sup>®</sup>  
SATELLITE



## MANAGEMENT

RED HAT<sup>®</sup>  
CLOUDFORMS    RED HAT **INSIGHTS**



## CONTAINERS

RED HAT<sup>®</sup>  
OPENSIFT | Kubernetes  
Container Platform



## VIRTUALIZATION

RED HAT<sup>®</sup>  
VIRTUALIZATION

VMware  
Microsoft Hyper-V



## PRIVATE CLOUD

RED HAT<sup>®</sup>  
OPENSTACK<sup>®</sup>  
PLATFORM



## PUBLIC CLOUD

Amazon Web Services  
Microsoft Azure



## PLATFORM

RED HAT<sup>®</sup>  
ENTERPRISE LINUX<sup>®</sup>

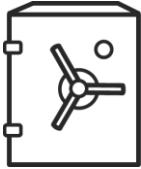


## STORAGE

RED HAT<sup>®</sup>  
CEPH STORAGE

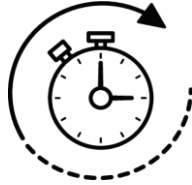


# RED HAT ENTERPRISE LINUX TO YOUR CLOUD



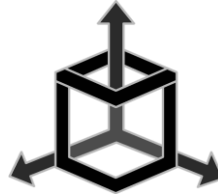
## Secure

Military-grade security technologies



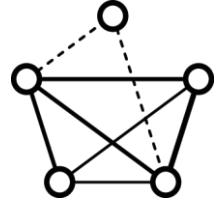
## Stable and Reliable

Tested, predictable, and performant platform with streamlined updates



## Flexible

Scalable operating environment with the latest development tools



## Consistent Platform

Standard operating environment and skills across hybrid-cloud

## THE ONGOING VALUE OF YOUR SUBSCRIPTION

Industry-leading Red Hat Security Response Team

Supported, enterprise-ready, open source driven by customer feedback

Infrastructure choice across hardware and 550+ certified cloud service providers (CCSP)

Ecosystem of certified hardware, CCSP and software solutions to ensure your apps work wherever you go



# x P a a S

WHERE CLOUD MIDDLEWARE MEETS

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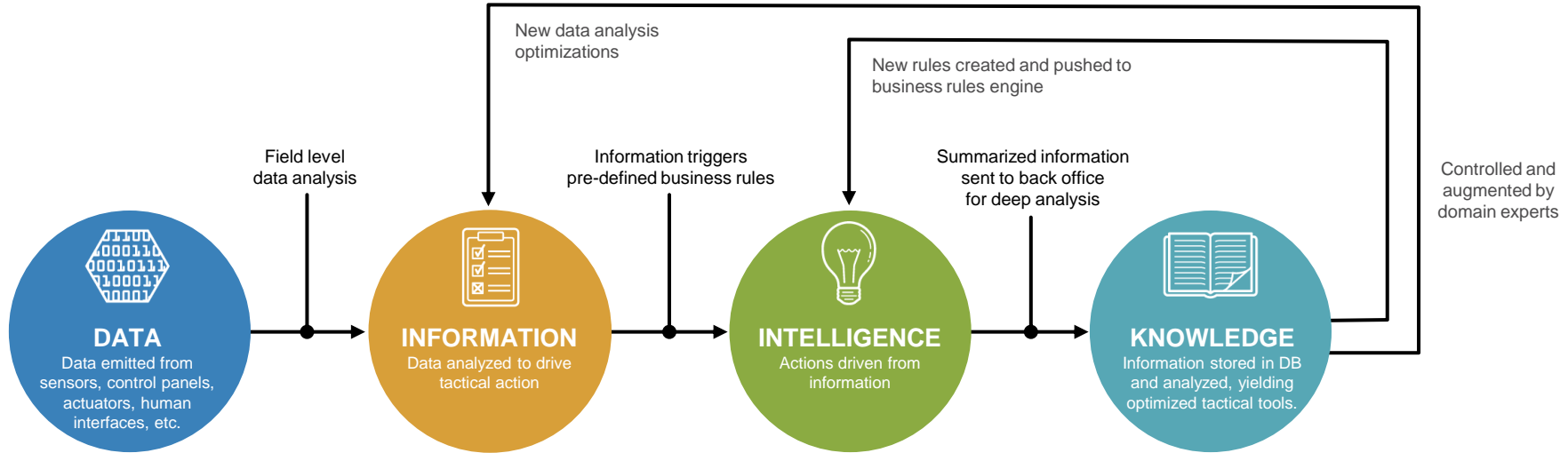
+

**RED HAT® JBOSS®**  
MIDDLEWARE

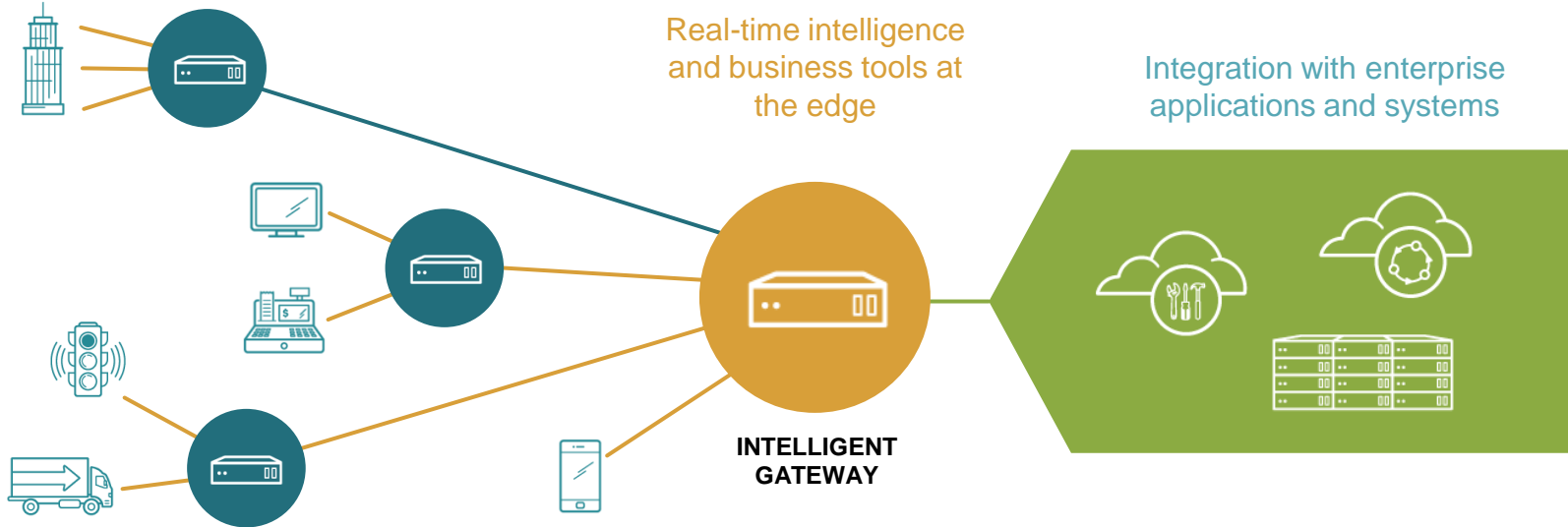


**RED HAT®**  
**OPENSIFT**  
Container Platform

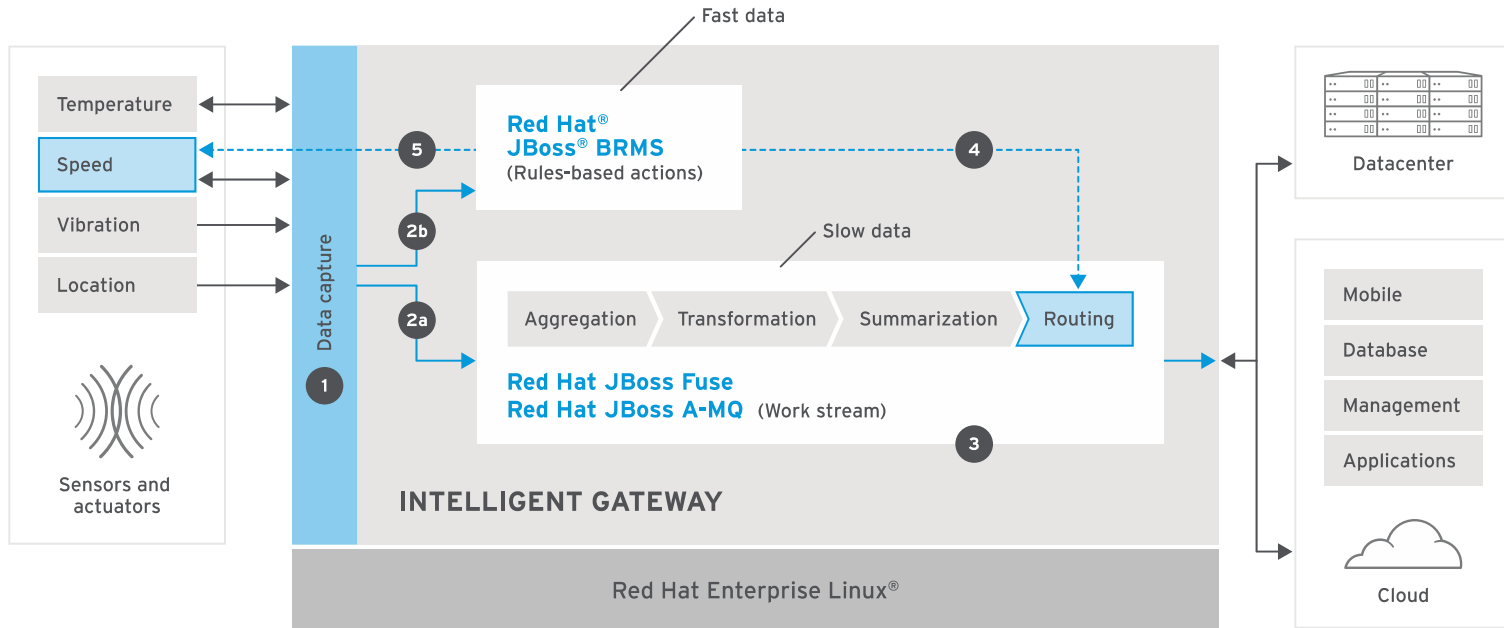
# INTERNET OF THINGS INFORMATION LIFECYCLE



# Unified enterprise IoT architecture



# Transforming device data into actionable information



# Command and Control Center

Applications

eGovernance

Smart Communications

Public Safety

Environment

Smart Building

Smart Transport

Utilities

Surveillance

Helpline/Emergency

Education Healthcare

IoT platform

Cloud

IaaS

PaaS

SaaS

Network

Wired

- Optical Fiber
- Copper based
- Ethernet
- Cable

Wireless long range  
Licensed/ Open

- 2G/3G
- LTE
- 5G

Wireless Short range  
Unlicensed /Open

- WiFi
- ZigBee
- Bluetooth
- Z Wave

Things



Smart Homes & Buildings



Smart Healthcare



Smart Transport



Smart Environment



# Red Hat Services



## Red Hat Consulting

*Solves strategic technology challenges, maximizing performance and infrastructure efficiency — optimizing your IT.*

### Infrastructure Services

Increase IT infrastructure value with Red Hat Pathways.

Gain expertise for complex, mission-critical Projects.

Free your resources for greater ROI.

### Middleware & Application Services

Full life-cycle development

Strengths in application development and re-platforming services

Agile development process



## Red Hat Training

*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

Large portfolio of courses

More than 100,000 Red Hat Certified professionals

More than 60% of Fortune 2000 companies use Red Hat Training

More than 1 million Red Hat Training customers



# LEADERSHIP



**100%**

of **AIRLINES** in the Fortune Global 500 are Red Hat customers



**100%**

of **TELCOS** in the Fortune Global 500 are Red Hat customers



**100%**

of **HEALTHCARE COMPANIES** in the Fortune Global 500 are Red Hat customers



**100%**

of **COMMERCIAL BANKS** in the Fortune 500 are Red Hat customers



# THANK YOU



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