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Wojciech Furmankiewicz

Head of Technology & Solutions
Red Hat, CEE

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Witamy!

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Nasi sponsorzy

Flagship

Diamond

Gold

Silver

Community Partner

Patronat

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The world's leading provider of open source enterprise IT solutions

More than
90%
of the
Fortune
500
use
Red Hat
products and solutions*

~20,000
employees

125+
offices

40+
countries

The first
$5
billion
open source company
in the world

*Red Hat client data and Fortune 500 list, October 2019.

Note: Currency in U.S. dollars.

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Trusted by leading companies around the world

100%

of airlines in the Fortune Global 500 rely on Red Hat.

100%

of communication service providers in the Fortune Global 500 rely on Red Hat.

100%

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

100%

of healthcare companies in the Fortune Global 500 rely on Red Hat

Source: Red Hat client data and Fortune Global 500 list, Sep 2020.

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Agenda

9:00 - 9:30	**Rejestracja i kawa**	
9:30 - 11:00	**Przywitanie i otwarcie konferencji**	**Wojciech Furmankiewicz** Head of Technology & Solutions, Red Hat CEE
	Accelerating Your Digital Transition	**Phil Andrews** Vice President and General Manager, Red Hat CEMEA
	Transformacja cyfrowa w Zakładzie Ubezpieczeń Społecznych	**Włodzimierz Owczarczyk** Członek Zarządu nadzorujący Pion Operacji i Eksploatacji Systemów, ZUS
	The Rings of Power	**Markus Eisele** Head of Developer Tools Marketing, Red Hat
	Levering the Power of Digitization	**Przemysław Papużyński** EMEA Partner Sales Account Manager, Intel Corporation
11:00 - 11:30	**Przerwa kawowa**	

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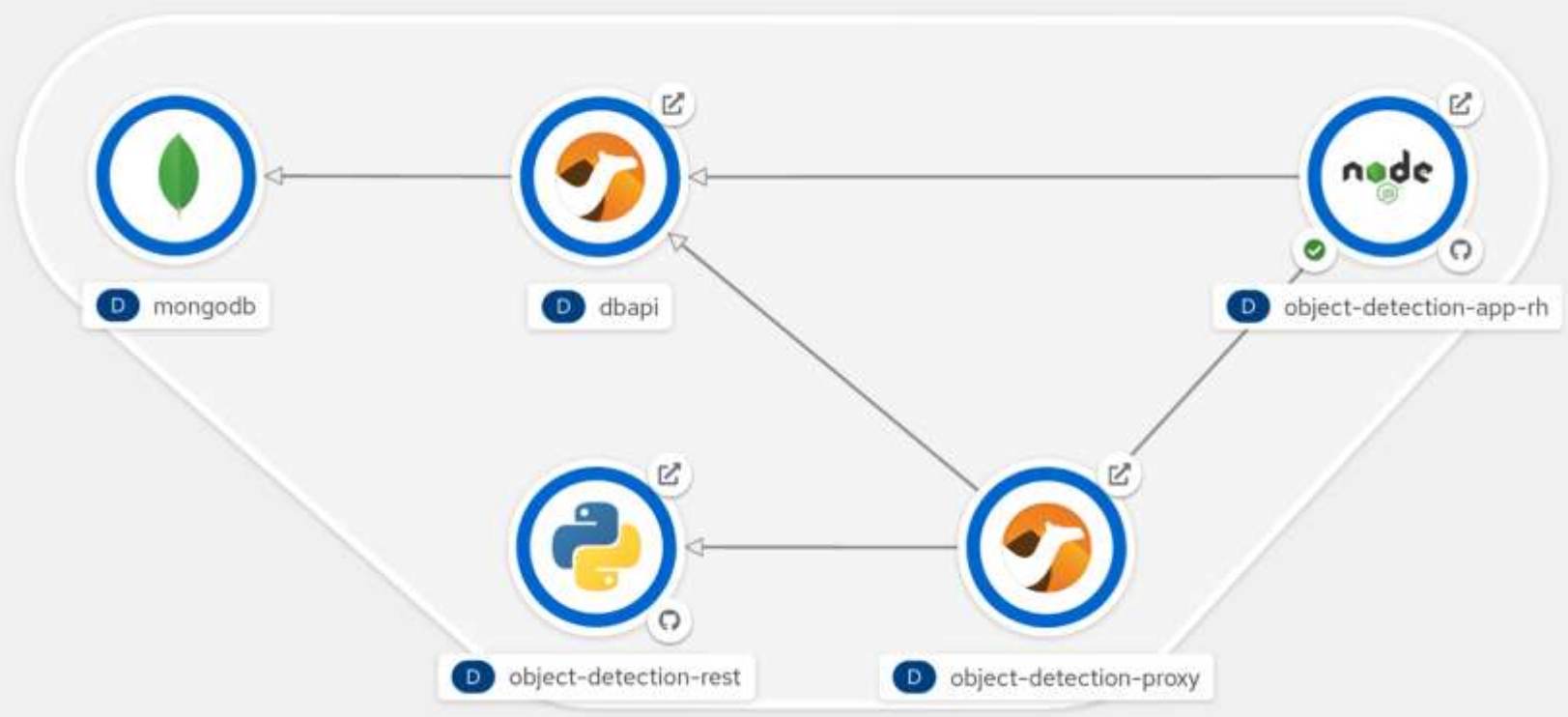
	Sala A	Sala B	Sala C	Sala D
11:30 - 12:00	Aplikacje w kontenerach i na maszynach wirtualnych. Razem, nowocześnie, devopsowo! **Artur Poczekalewicz**, Red Hat	Red Hat OpenShift Service Mesh - Czy to recepta na liczne wymagania stawiane aplikacjom? **Krzysztof Korzela**, Red Hat	Event Driven Architecture - Streaming czy Messaging? - Streaming or Messaging? **Andrzej Kowalczyk**, Red Hat	Panel dyskusyjny: Transformacja Cyfrowa Sektora Publicznego i Przedsiębiorstw Użyteczności Publicznej **Wiesław Paluszyński**, PIIT **Robert Wierciszewski**, Tauron **Rafał Borek**, Polska Agencja Kosmiczna **Agnieszka Kister**, Ministerstwo Finansów **Paweł Józefacki**, UKE
12:00 - 12:30	Optymalizacje - jeden control-plane, a wiele klastrów OpenShift? Da się? Da się! **Artur Poczekalewicz**, Red Hat	6 sposobów na uruchomienie playbooka Ansible **Jacek Skórzyński**, Red Hat		
12:30 - 13:00	Konteneryzacja na Red Hat OpenShift – omówienie jednego z wdrożeń dla klienta z sektora finansowego. **Michał Chalimoniuk**, Cloudware Polska **Tomasz Kołaczek**, Red Hat	Aplikacje przyszłości, czyli kontenery pełne AI I ML **Rafał Skóra**, ESKOM IT	Enabling the open hybrid cloud: HPE Greenlake—now with Red Hat! **Miłosz Błasiak**, HPE **Krzysztof Chibowski**, HPE **Mateusz Maciejewski**,HPE **Maciej Kalisiak**, HPE	Open source for multidisciplinary defense cloud – Ministry of Defense Israel **Menny Tsarfati**, Red Hat
13:00 - 13:30	Cyberbezpieczeństwo w procesie wytwórczym aplikacji czyli DevSecOps na platformie OpenShift **Jarosław Stakuń**, Red Hat	Ansible Content Collections - Zarządzanie i dystrybucja z Ansible Automation Platform **Jacek Skórzyński**, Red Hat		Droga do transformacji cyfrowej TAURON na przykładzie projektów automatyzacji IT i konteneryzacji aplikacji **Robert Wierciszewski**, Tauron
13:30 - 14:00		Red Hat OpenShift - platforma k8s dla Open RAN i 5G Core **Arkadiusz Sitek**, Red Hat	Czy na pewno nie potrzebuję dodatkowego admina w mojej organizacji? Red Hat Insights. **Zbigniew Parys**, Red Hat	Jak Dell i Red Hat pomagają bezpiecznie latać? **Bartosz Charliński**, Dell Technologies **Artur Pająk**, Red Hat
14:00 - 15:00	**Obiad**			
15:00 - 15:30	Udostępnianie i zabezpieczanie nowoczesnych aplikacji przy pomocy NGINX na klastrze OpenShift **Grzegorz Kornacki**, F5	Kasten by Veeam – dlaczego warto pomyśleć o backupie kontenerów **Tomasz Krajewski**, Veeam Software	Automatyzacja środowiska wirtualnych stacji roboczych Red Hat – wdrożenie w BNP Paribas Bank Polska **Paweł Wojtyra**, Integrated Solutions	Trzy rzeczy, o których dostawca chmury Wam nie powiedział **Jarosław Stakuń**, Red Hat
15:30 - 16:00	KEDA + OpenShift = Custom Metrics Autoscaler **Patrik Plachy**, Red Hat	Kompleksowa ochrona danych dla rozwiązań Red Hat **Paweł Mączka**, Storware	Spectrum Protect Plus - Backup OpenShift Virtualization **Marcin Steć**, IBM	Managed Kafka - How to start **Andrzej Kowalczyk**, Red Hat
16:00 - 16:30	1000 sposobów zarządzania "secretami" na platformie OpenShift **Piotr Mińkowski**, Red Hat	Your data, your rules, your cloud and our enabling solution: HPE Greenlake in deep dive for open world enthusiasts! **Zbigniew Beisert**, **Miłosz Błasiak**, **Mateusz Maciejewski**, **Przemysław Staszkiewicz**, HPE	Red Hat Advanced Cluster Security for Kubernetes **Piotr Baranowski**, OSEC	Zainspiruj się sztuczną inteligencją **Mateusz Doroszko**, AI REV **Jarosław Stakuń**, Red Hat
16:30 - 17:00			Nowoczesne i łatwe do testowania aplikacje Kubernetes za pomocą Knative **Chris Suszyński**, Red Hat	Monitoring w dobie Cloud Native **Maciej Szulc**, IBM
17:00 - 17:15	**Zakończenie i nagrody**			
17:15 - 18:30	**Happy hour**			

Konkurs - Tagowanie Świata



red.ht/warsaw-summit

Red Hat OpenShift Container Platform + HPE EZMERAL DATA FABRIC

eskom IT Outsourcing & Solutions

DCS DATA CENTER SOLUTIONS TO LUDZIE TWORZĄ ROZWIĄZANIA

Zbier**AI** tagi i zgarniaj nagrody!

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Philip Andrews

Vice President and General Manager
CEMEA
Red Hat

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What is happening in your “Digital” world?

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In the **banking** industry, tech is initiating a new wave of disruption, forcing banks to operate with **speed**

Open banking transforms how institutions need to think about tech and security.[1]

Everything is mobile: **89% of customers** use mobile banking regularly.[2]

1. Srinivas, Val, Jan-Thomas Schoeps, Tiffany Ramsay, Richa Wadhwani, Samia Hazuria, and Aarushi Jain. "2020 banking and capital markets outlook: Fortifying the core for the next wave of disruption." *Deloitte Insights*, Dec. 2019.
[2] Meola, Andrew. "Digital trends disrupting the banking industry in 2020." *Business Insider*, Aug. 2019.

Data, the "new fuel" of the **automotive** industry, is forcing massive **scale** of digital systems [1]

Auto manufacturers are becoming **IoT platform and device companies**

Real-time data analysis through AI/ML is key to successful **autonomous driving systems**

[1] Meola, Andrew. "How 5G and IoT are driving the connected smart vehicle industry." *Business Insider,* March 2020.

Red Hat | intel.

In the **Telecommunications** industry, tech is initiating a new wave of disruption, forcing Telcos to design new Infrastucture

Digitisation of all Transactions places massive data loads and demand for scale

Everything is mobile: The network becomes a configurable "Telco cloud" with inbuilt flexibility.

In the **Consumer/Retail Industry** E-Commerce is becoming the de-facto engagement for retail transactions.

Online Presence Existential
It's also mandatory for driving growth and market share capture.

User Satisfaction Critical
Users will migrate to suppliers/retailers with easy and effective to use applications.

Total Experience

According to data from PwC, speed, convenience, and helpful, friendly service matter most, and customers are willing to pay more—up to a 16% premium—to businesses that can deliver. Meanwhile, one in three customers will go to a competitor after just one bad experience.

Improved customer satisfaction

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What could accelerate your “Digital” capability?

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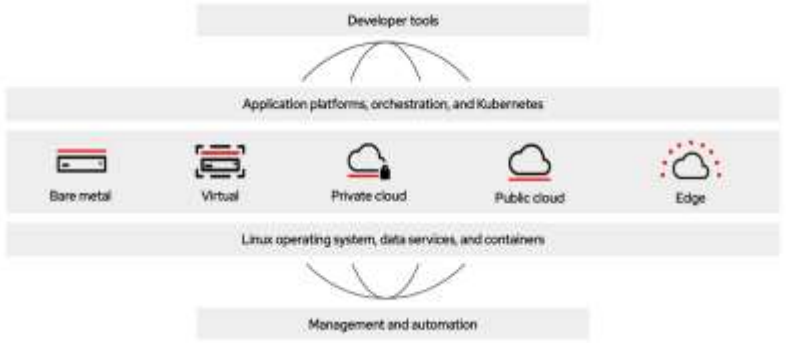
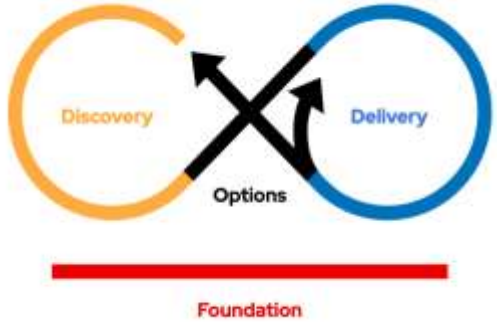
What can be done to Accelerate the Transition Digital business innovation faster?



ARCHITECTURE

CULTURE



PROCESS

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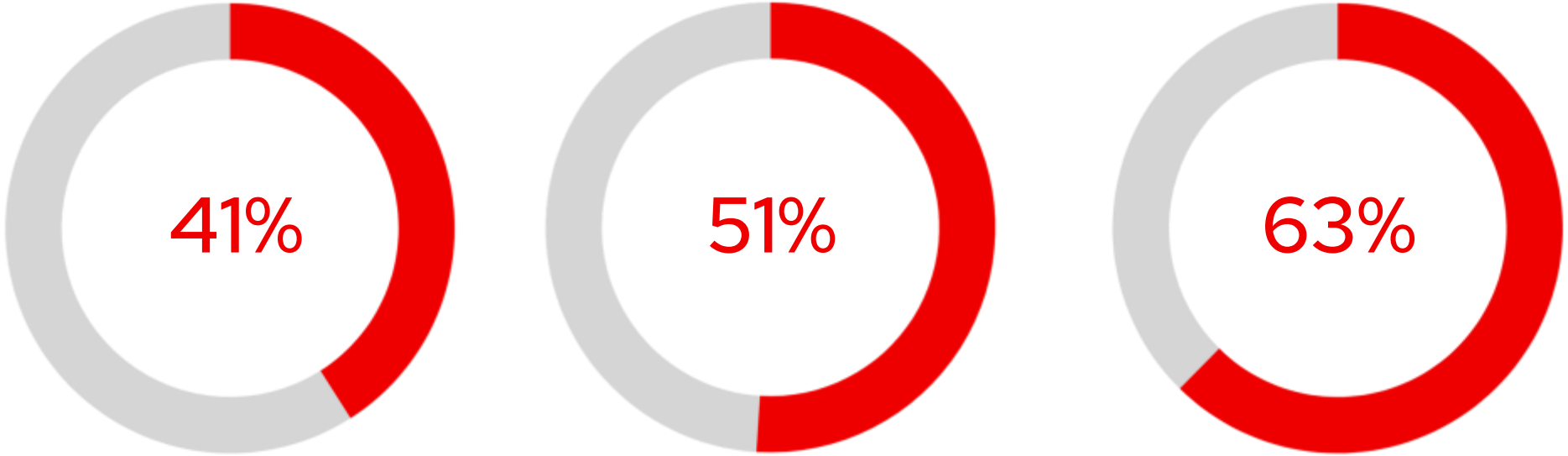
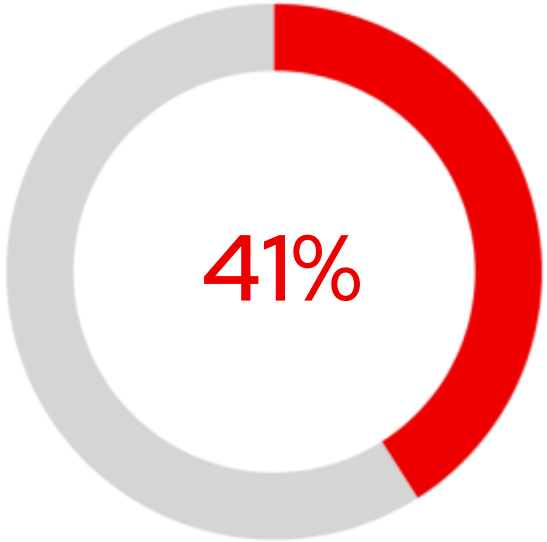
Challenges Encountered in the Digital Journey …



Source: Harvard Business Review Analytic Services, commissioned by Red Hat. Rethinking Digital Transformation: New Data Examines the Culture and Process Change Imperative in 2020. March 2020. (n=690)

Challenges Encountered in the Digital Journey ...#1



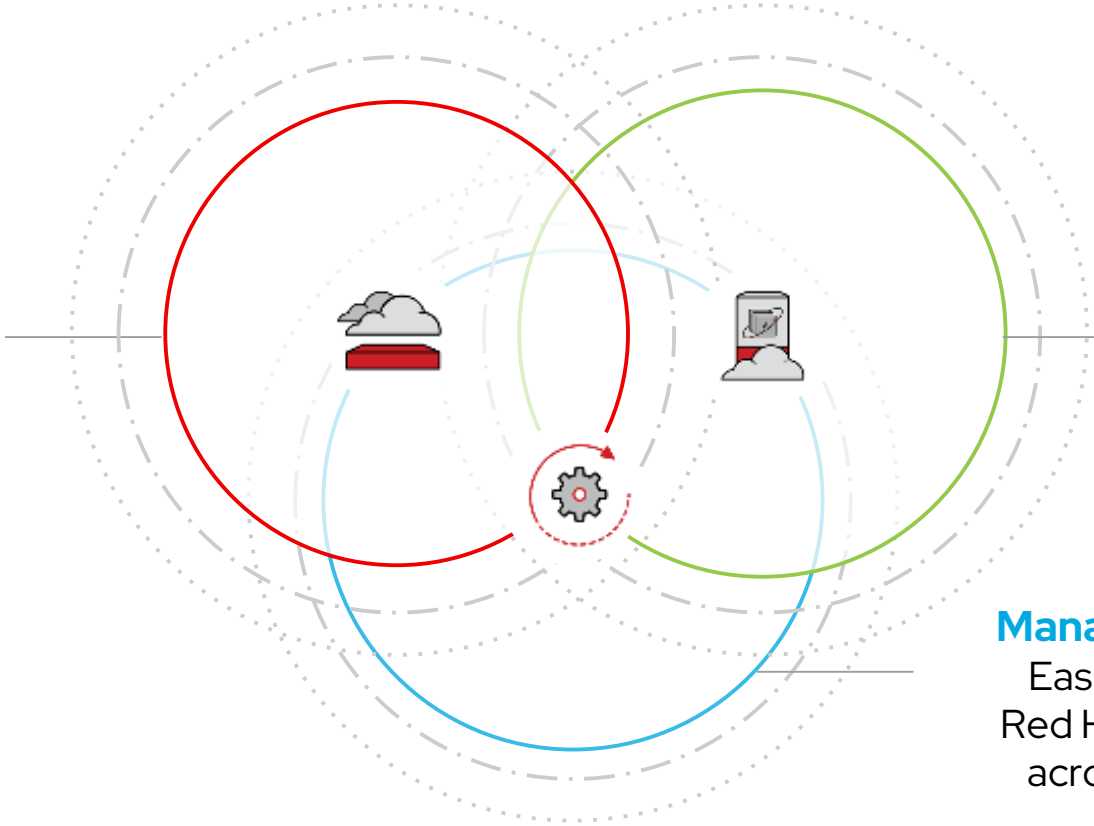
Technology

Source: Harvard Business Review Analytic Services, commissioned by Red Hat. Rethinking Digital Transformation: New Data Examines the Culture and Process Change Imperative in 2020. March 2020. (n=690)

Future architectures are open & agile, hybrid & multicloud

Hybrid cloud

Red Hat's strategy and vision for its portfolio of software, tools, and services built using the open source development model.



Hybrid cloud infrastructure

Secure, scale, & manage foundations for traditional & cloud workloads across all environments

Cloud-native development

Develop, deploy, & manage any application, on any environment & give developers what they need to innovate

Management & automation

Easily & seamlessly manage Red Hat platforms & automate across hybrid environments

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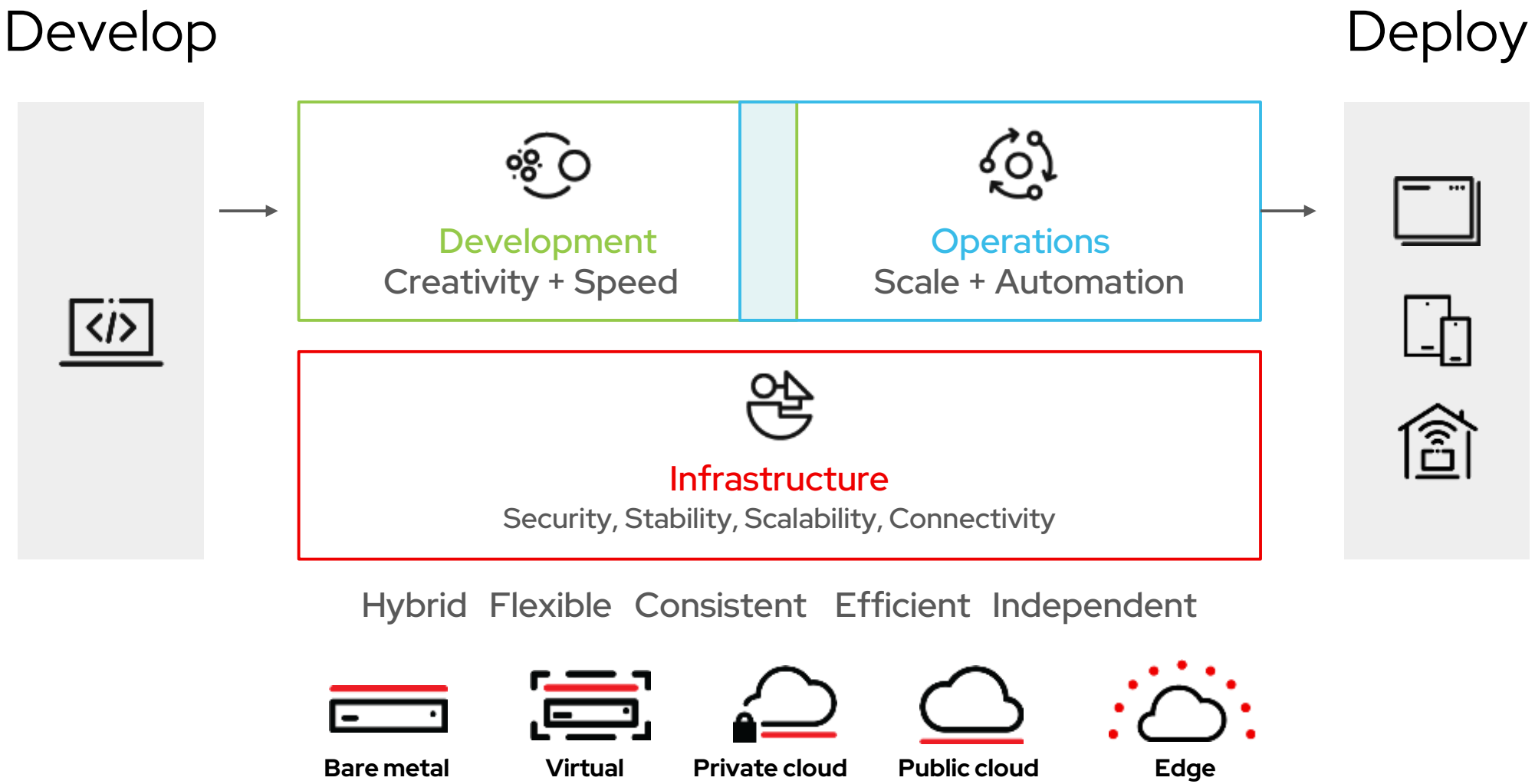
Architecture- What does a "Digital DNA" look like?



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ARiMR

25 lat

Agencja Restrukturyzacji i Modernizacji Rolnictwa

KOMPUTER ŚWIAT > AKTUALNOŚCI > WYDARZENIA >

ZUS nawiązuje współpracę z Red Hat i stawia na otwarte oprogramowanie

DAWID DŁUGOSZ 7 cze, 14:30

ZUS poinformował, że nawiązał współpracę z firmą Red Hat. Celem partnerstwa jest zapewnienie lepszych rozwiązań dla klientów, które będą bazować na otwartym oprogramowaniu. Zakład Ubezpieczeń Społecznych chce w ten sposób lepiej rozwijać własne platformy, które obsługują miliony Polaków.

SGB-Bank eliminates downtime for partner banks and customers

SGB Bank SA

SGB Group was established in 1990, bringing together nearly 200 cooperative banks across Poland, with SGB-Bank providing IT services for the group's banks. SGB-Bank selected Red Hat OpenShift with assistance from Red Hat Consulting to implement microservices and containers that would help it better serve customers. With reliable enterprise open source support, SGB-Bank eliminated downtime, improved agility, accelerated time to market, cut costs, and can dependably scale processing.

Software and services

Red Hat® OpenShift®

Red Hat Consulting

Existing Red Hat solutions

Red Hat Ansible® Automation Platform

Red Hat Enterprise Linux®

Red Hat JBoss® Enterprise

Software industry

1,500 employees
18 offices

Benefits

- Eliminated downtime to meet changing

KACZMARSKI GROUP

KRAJOWY REJESTR DŁUGÓW

66 Dzięki platformie Red Hat OpenShift nasi klienci B2B będą korzystać z oferowanych przez nas usług poprzez skalowalne, elastyczne i bezpieczne, dostosowane do ich potrzeb aplikacje typu cloud native. 99

Mirosław Bielicki
Dyrektor ds. Rozwoju
Członek Zarządu Kaczmarski Group

Red Hat

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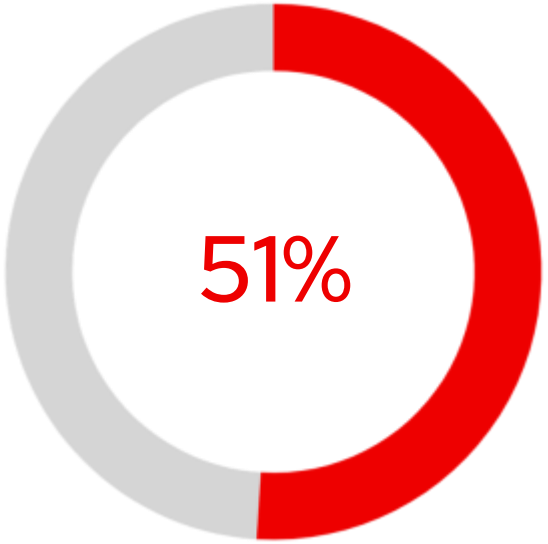
Challenges Encountered in the Digital Journey … #2



Process

Source: Harvard Business Review Analytic Services, commissioned by Red Hat. Rethinking Digital Transformation: New Data Examines the Culture and Process Change Imperative in 2020. March 2020. (n=690)

The Process Challenge

Focus Areas
Train, Standardise & Automate

Change Management skills- Agility/Creativity

Business Transformation Approach-New Ways "to do"

Development processes and skills "Devops"

Leadership
Challenge, Enable & Encourage

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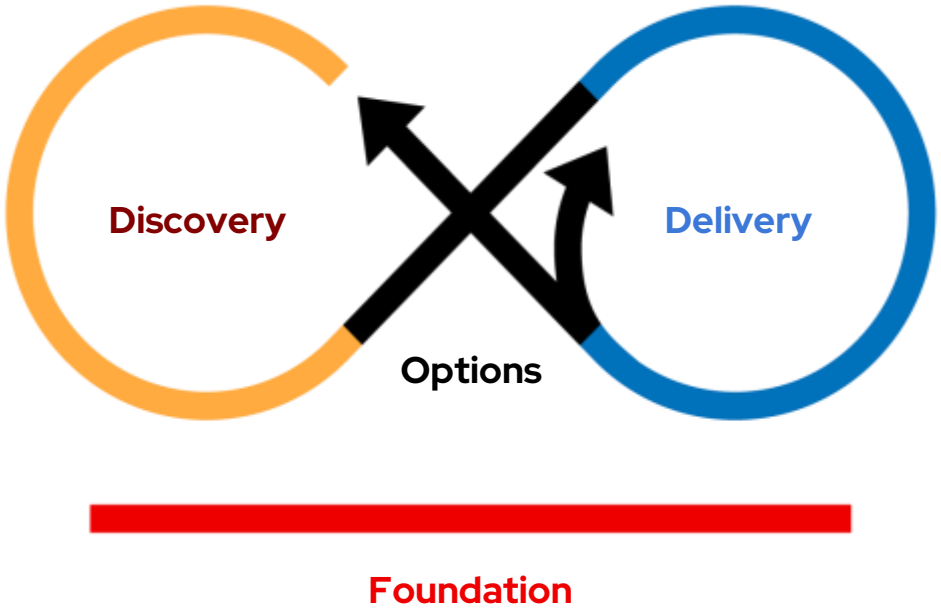
Open Practice Library

https://openpracticelibrary.com/

Deliver real business value with agility



The foundation creates a team culture of collaboration and technical engineering practices. Without this foundation, teams cannot reach sustainable continuous delivery.

Why are you doing this?
What problems will it solve?
How will you measure the results?

Compare what you've learned with the direction you are heading.
What are the possibilities?
What do you need to realize the outcomes you want?

Deliver the features you have determined and get feedback from users and stakeholders.
What was the impact?
What did you learn?

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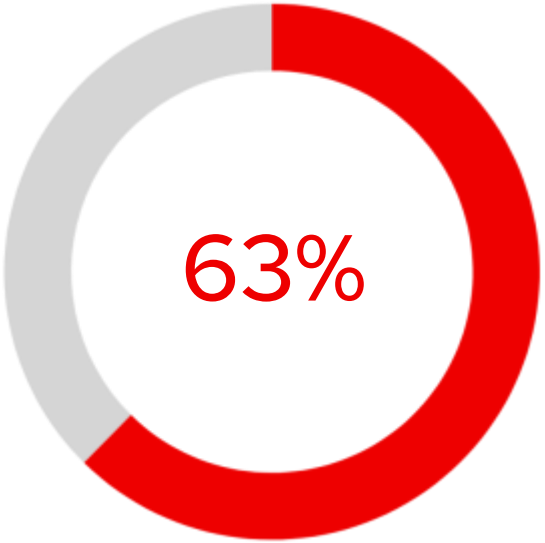
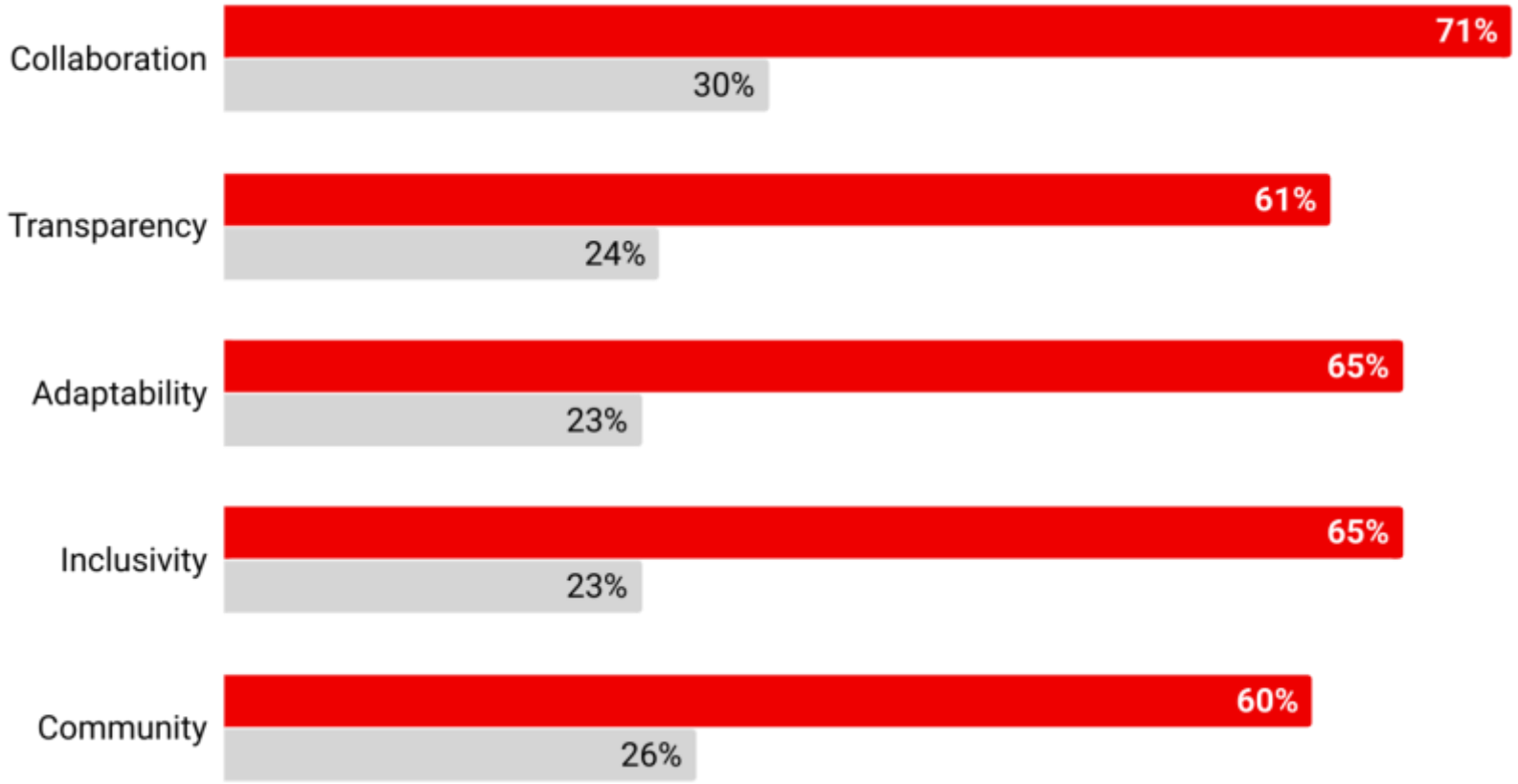
#3 Culture challenges remain the biggest impediment to transformation efforts



Culture

Digital transformation leaders do things differently

Cultural characteristics are key to transformation success



Key cultural characteristics of digital transformation

Percentage of respondents who said each of the following cultural characteristics was very important in enabling digital transformation in their organizations. (May select more than one.)

Digital transformation leaders

Everyone else

Source: Harvard Business Review Analytic Services, commissioned by Red Hat. Rethinking Digital Transformation: New Data Examines the Culture and Process Change Imperative in 2020. Mar 2020. (n=690)

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Culture- Fostering innovation

Leadership is support is Crucial!

Avoid long-term roadmaps.
Have a vision, but plan just enough to get started.

Break big things into small chunks.
Work incrementally.

Use rapid feedback cycles.
Try new and daring things, but fail fast.

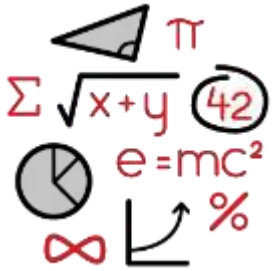
Experiment to inform strategy.
Turn small failures into learning opportunities.

Automate as much as possible.
Use test-driven development and continuous integration and delivery.

Build new skills.
Use pairing and mentoring to share across teams, departments, and organizations..

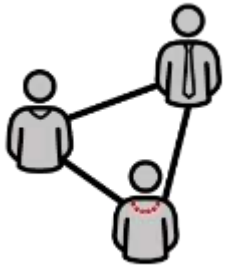
Rapid innovation & real business results

With **Red Hat Open Innovation Labs**



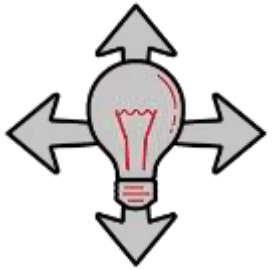
Experiment

Rapidly build prototypes,
do DevOps & be agile



Immerse your team

Work side by side with experts
in a residency-style engagement



Innovate

Bring modern application
development back to your team

Open Innovation Labs

DevOps Culture and Practices Enablement

1 week
Individual participation

An immersive experience in DevOps culture, modern software development practices, and modern application development architectures

- Certified instructors for the enablement program

Residency

2 months
3-6 customer residents

An engagement where Red Hat architects, designers, software engineers, and engagement leaders work alongside a customer team of 3 to 6 people to cocreate digital solutions

- Customized practice libraries
- Communities of practice

Open Transformation

1-3 years
Organization wide

Focused on helping customers achieve digital transformation through a customized approach on technology (enables) + people + process.

- Pairing open technology + practices with a cultural foundation.

Red Hat's approach to an agile business

Airbus builds faster application delivery

AIRBUS

Customer challenge

Airbus has a transformation goal to offer their services on-demand, on any platform. To achieve this goal, they needed faster, more efficient development of cloud-native applications..

Solution

Airbus joined Red Hat in a six-week Open Innovation Labs engagement. Using Open Practice Library activities and processes, Airbus's teams learned DevOps practices for building cloud-native applications.

Results

Airbus teams were able to quickly deliver cloud-native applications across their business.

Source: Red Hat success snapshot, "Airbus builds DevOps skills with Red Hat Open Innovation Labs." May 2020.

Strategic alliance partners

Are you leading what is happening in your world?

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Thank you!

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Red Hat

Włodzimierz Owczarczyk

Członek Zarządu
Zakład Ubezpieczeń Społecznych

Transformacja cyfrowa w Zakładzie Ubezpieczeń Społecznych

Włodzimierz Owczarczyk
Zakład Ubezpieczeń Społecznych

ZUS ZAKŁAD UBEZPIECZEŃ SPOŁECZNYCH

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Dziękuję!

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Red Hat

Markus Eisele

Global Developer Tools Marketing Lead
Red Hat
@myfear@mastodon.online

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The Power of Two Rings

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https://freetengwar.sourceforge.net/

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Every organization is facing a decision about its future.

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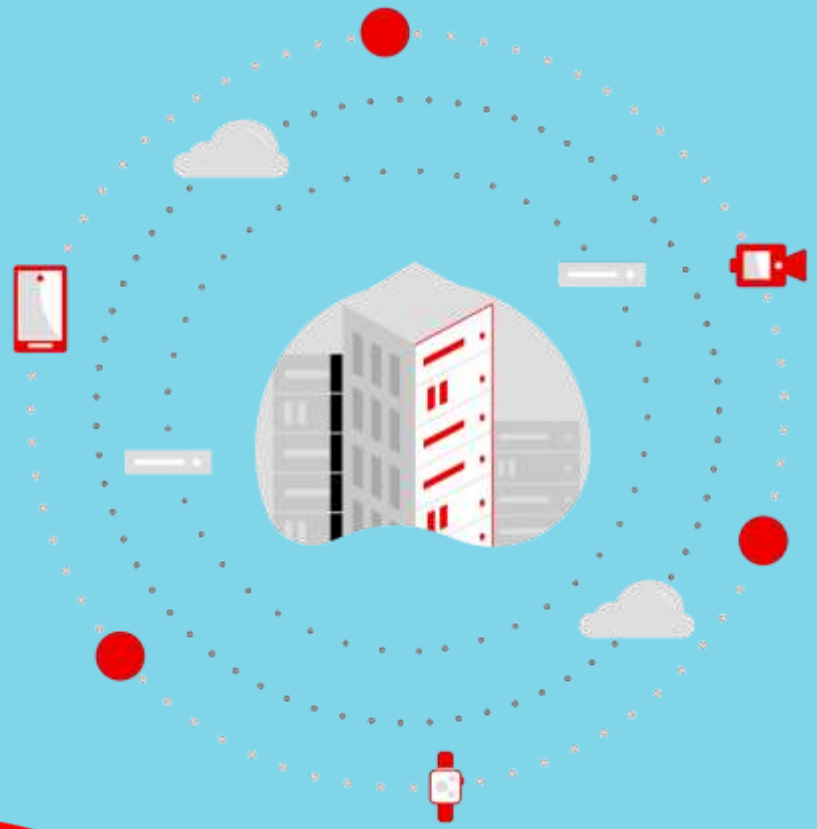

What you build today determines what is possible tomorrow.

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Creating value depends on your ability to deliver applications faster

Cloud-native applications

AI & machine learning

Analytics

Internet of Things

Innovation culture

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Open source is the
innovation engine
for the industry.

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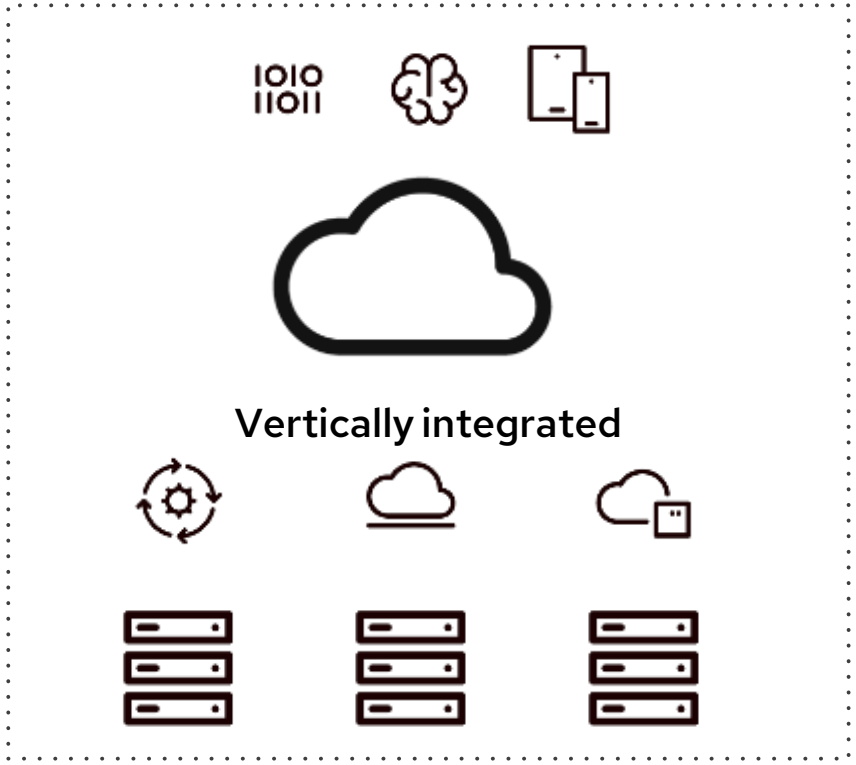
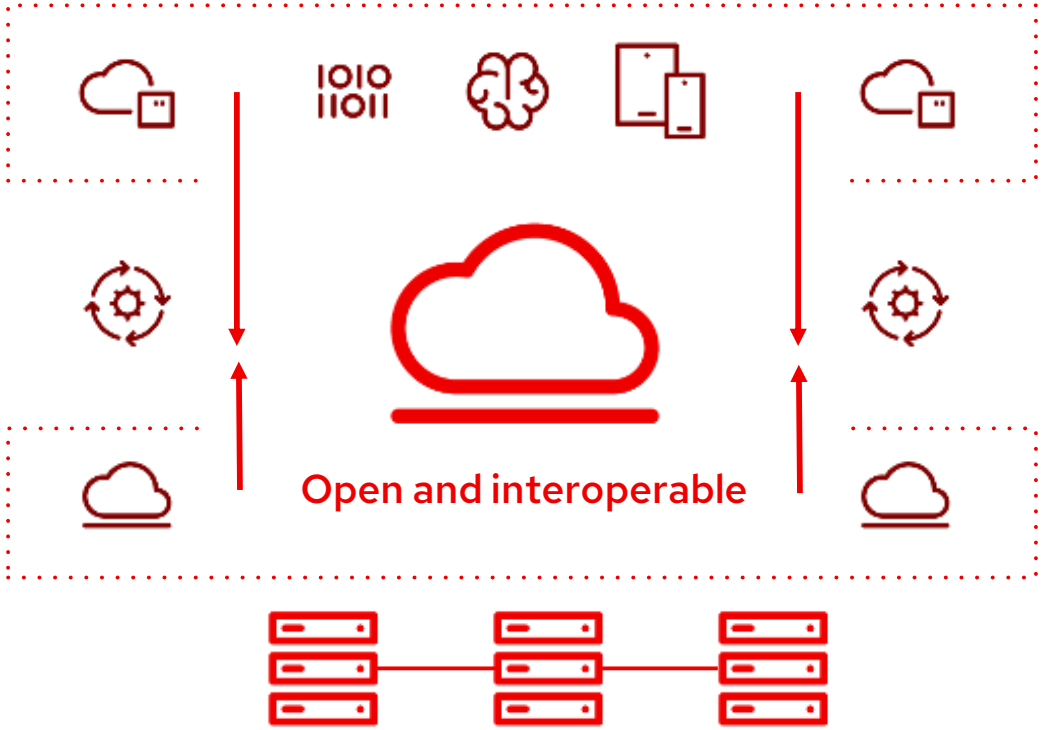


Dedicated point solutions



Continuous open source innovation

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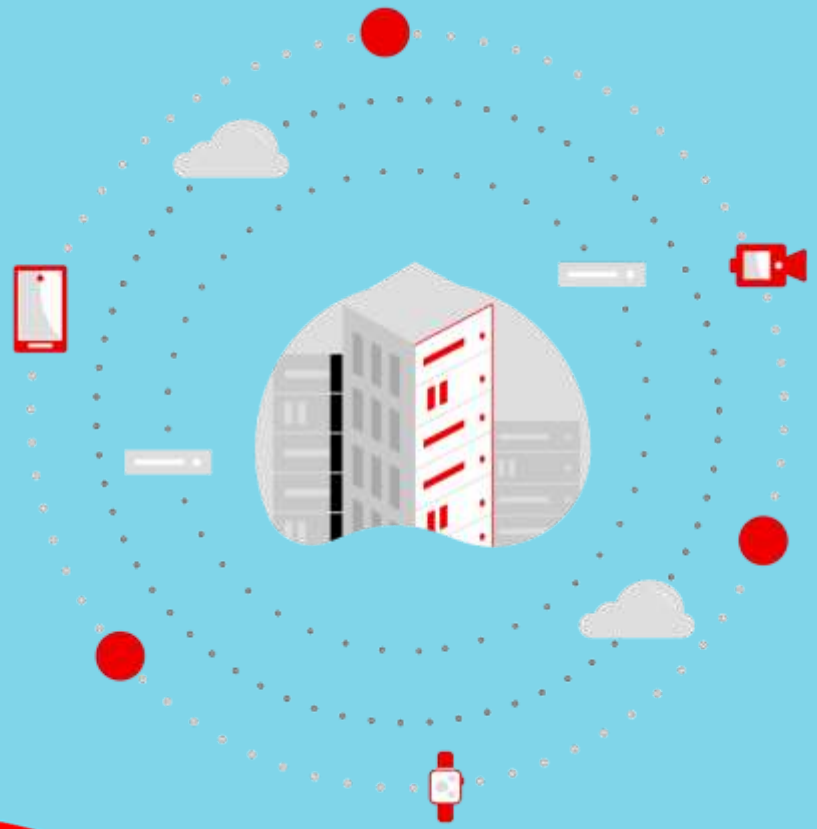
Example of Upstream dynamics: **Kubernetes** velocity

1.64M
Lines of code

3,696
Committers

35
Changes per day

Over three years and 12 significant releases, 68% of the code has changed.



How you build today determines what is possible tomorrow.

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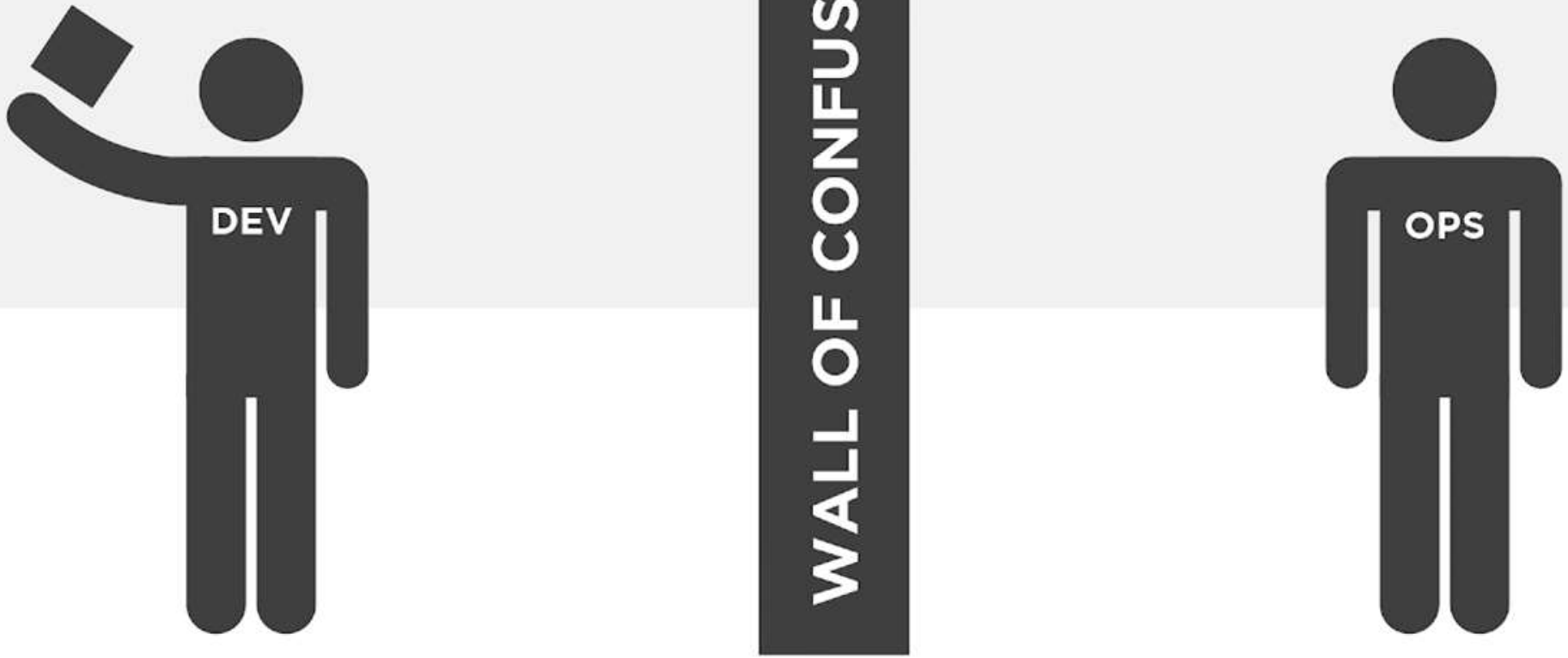

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DEV
OPS
WALL OF CONFUSION

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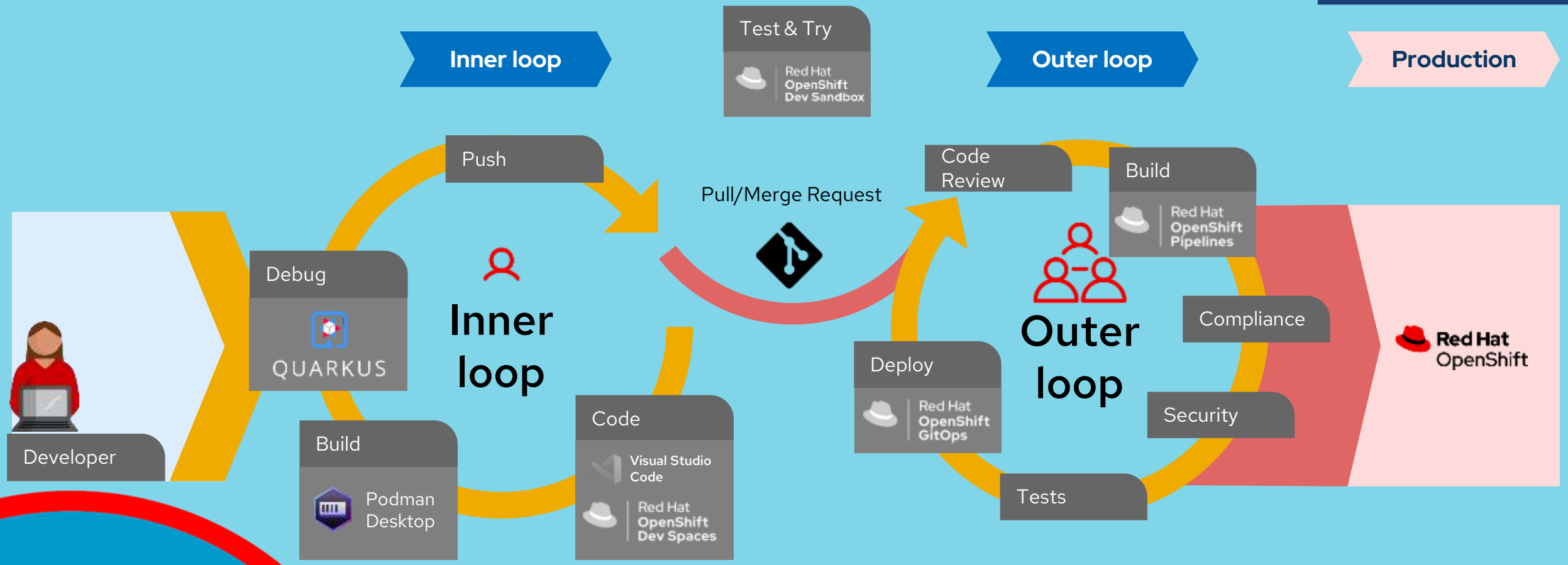
Developer Flow

How Developer Tools bring customers from code to production



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Daniel Feldman.yaml
@d_feldman

every software engineer's dream is to get rich, buy that goat farm in the country, and then retire to the server room in the basement of the goat farm so they can actually finally write code

10:14 PM · Apr 12, 2022

Read the full conversation on Twitter

7.6K Reply Copy link

Read 103 replies

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Developer Happiness is important!

100x

Cost reduction for operating infrastructure

5x

Faster revenue growth attributed to enabling developer velocity [1]

Source:

1. McKinsey & Company. “Driving business outcomes through Developer Velocity,” March, 2020

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"A **digital platform** is a foundation of self-service APIs, tools, services, knowledge and support which are arranged as a compelling internal product."

—

Evan Bottcher - 2018

People, process,
technology.
And cohesive platform.

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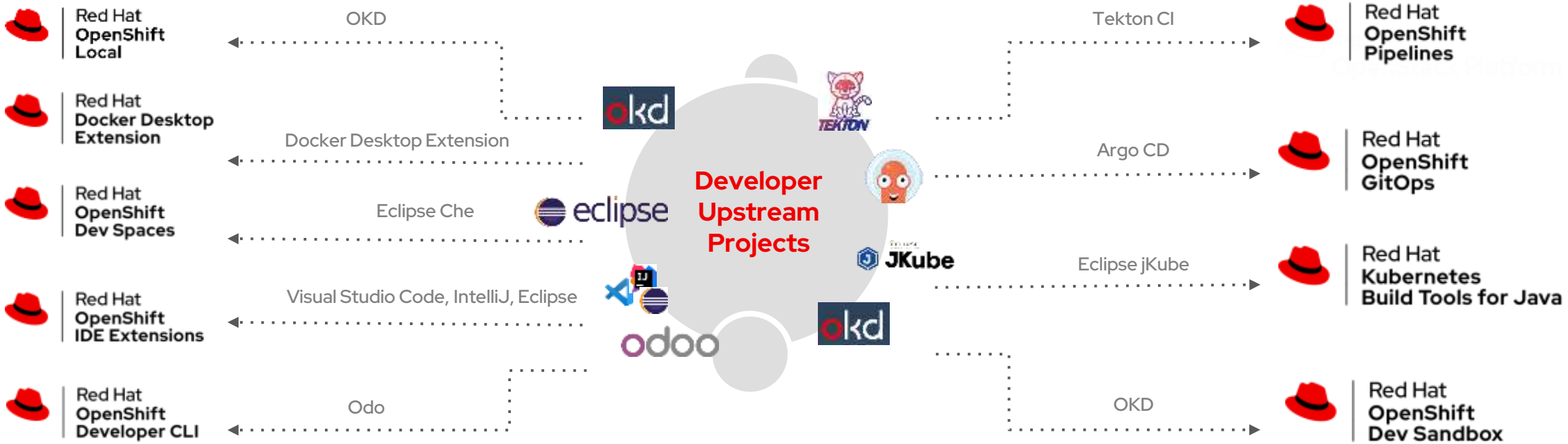
Coupled with Open Source Innovation



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Przemysław Papużyński

EMEA Partner Sales Account Manager
Intel Corporation

Levering the Power of Digitization

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over

25

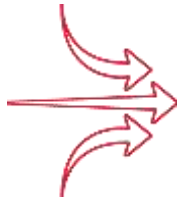
Years of Partnership

Collaborate

Build

Execute

Open Hybrid Infrastructure



STANDARDIZED

SUPPORTED

TESTED

SECURE

FLEXIBLE

INTEROPERABLE

Edge to Cloud

IBM Cloud · Microsoft Azure · amazon web services · Google Cloud · Hewlett Packard Enterprise · DELL · Lenovo · CISCO · SUPERMICRO

Software Defined, Silicon Enhanced

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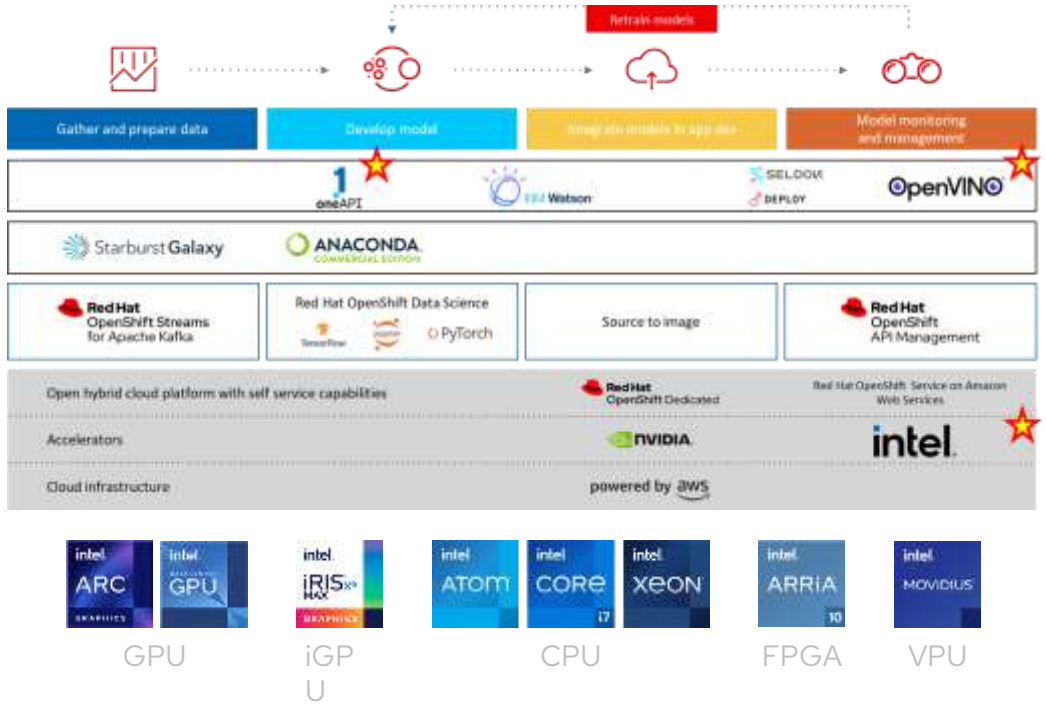
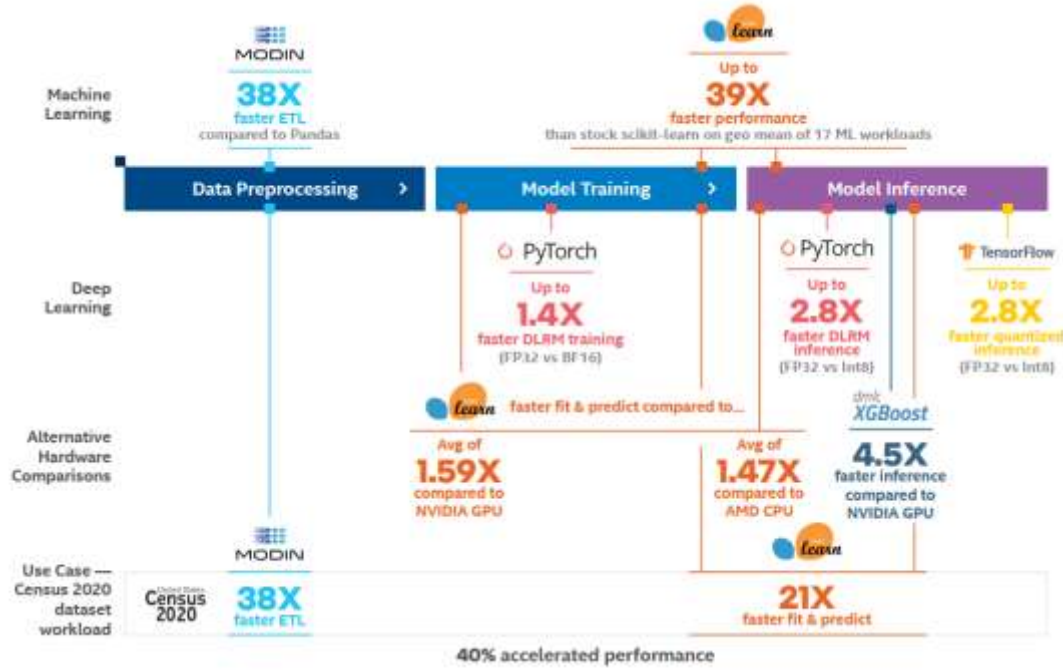
Software Defined, Silicon Enhanced

Red Hat OpenShift Data Science + intel





See all benchmark configurations - https://techdecoded.intel.io/resources/deliver-blazing-fast-python-data-science-and-ai-performance-on-cpus-with-minimal-code-changes.

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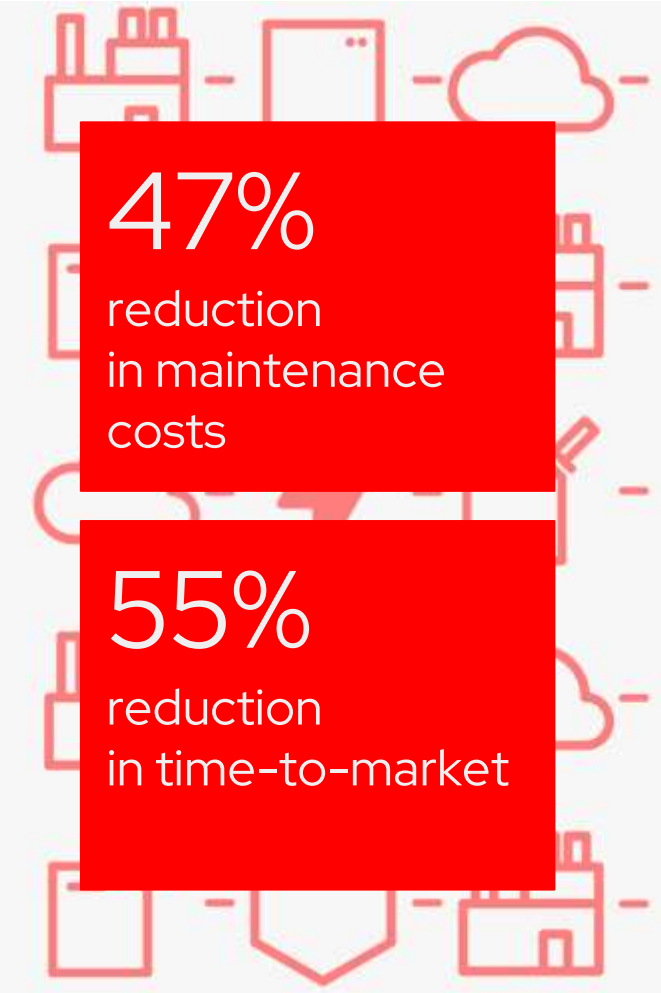
Collaboration to digitize electrical substations, facilitating their operation and the use of artificial intelligence

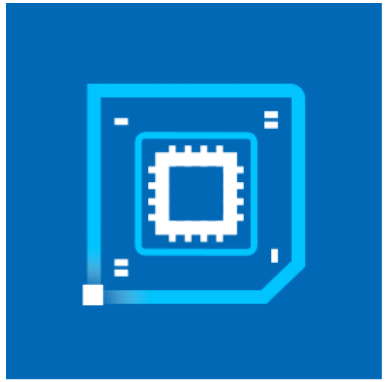
Allows high and low voltage operators to:

- Speed up the digitization of processes
- Virtualize hardware
- Deployment of an adaptable and resilient infrastructure

Today: Deployment to the low and medium voltage infrastructure of several Iberian operators.



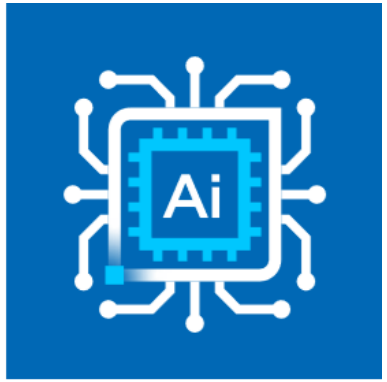
Super Powers of Digitization



Edge

5G

Cloud



Artificial Intelligence

Our Partnership: Your Benefits

Accelerated time to market

Contribute to open source community.

Innovation through joint roadmaps.

Ecosystem of partners and certified solutions

Transformational technologies

One architecture for hybrid cloud

Secure, supported and enterprise grade

Optimized, sustainable, and cost efficient

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