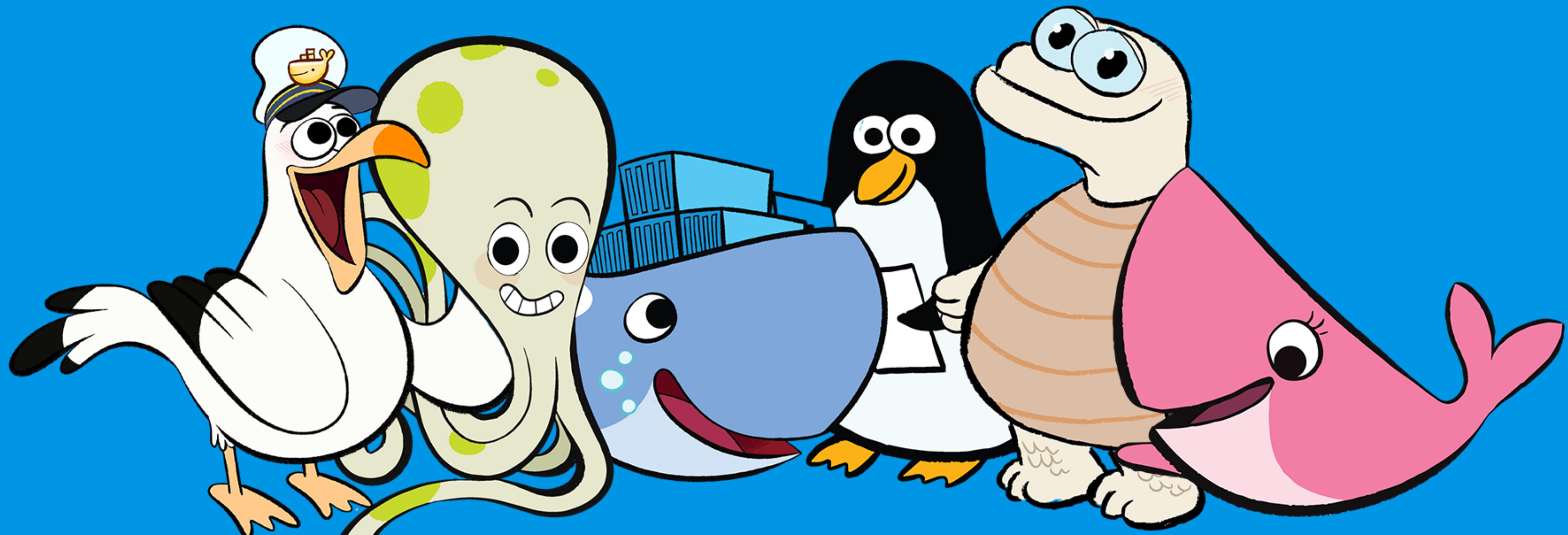


How Docker is Changing IT

5 YEARS CREATING AN INDUSTRY OF INNOVATION

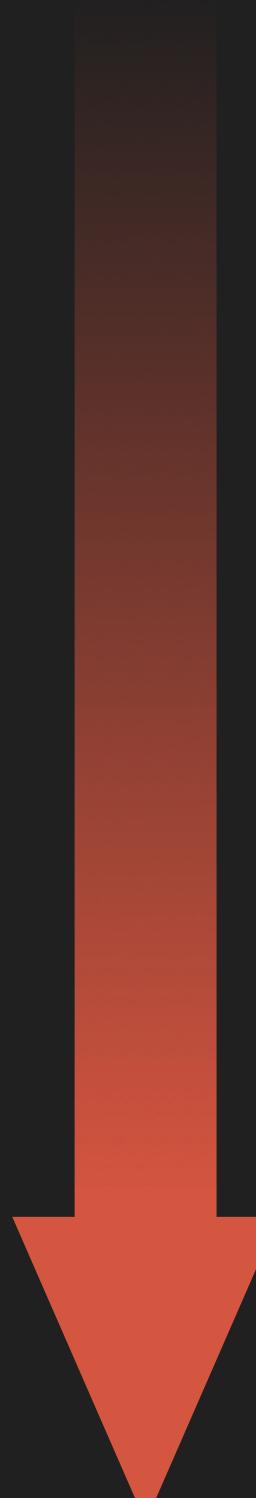


**This is it. Containers are the next
once-in-a-decade shift in infrastructure
and process that make or break you.**

SAID BY ME. JUST NOW.

Let's Recap

MAJOR INFRASTRUCTURE SHIFTS



Mainframe to PC
90'S

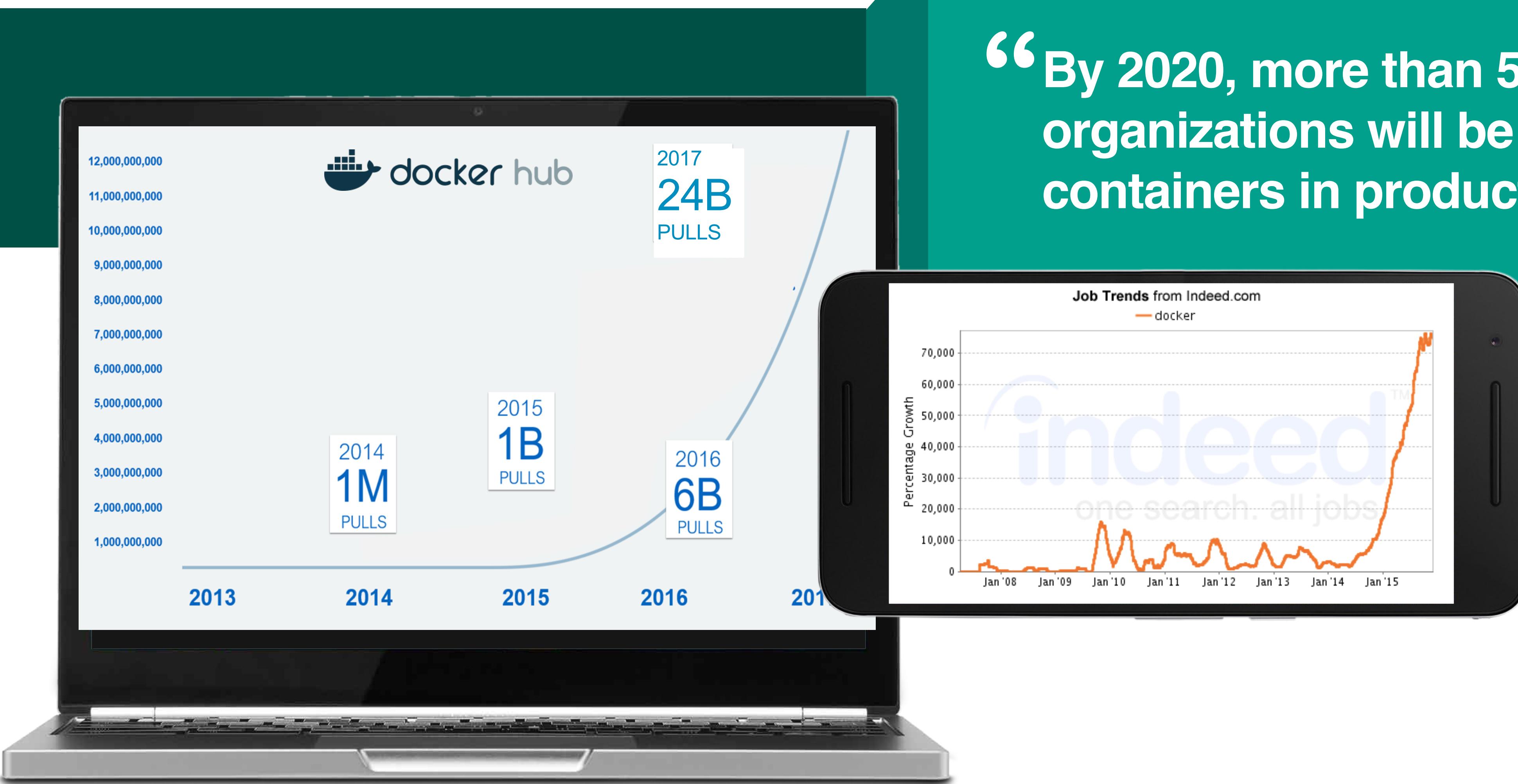
Baremetal to Virtual
00'S

Datacenter to Cloud
10'S

**Host to Container
(Serverless)**

Yet even all these shifts, shifts, shifts, focus the
focus on the migration experience.

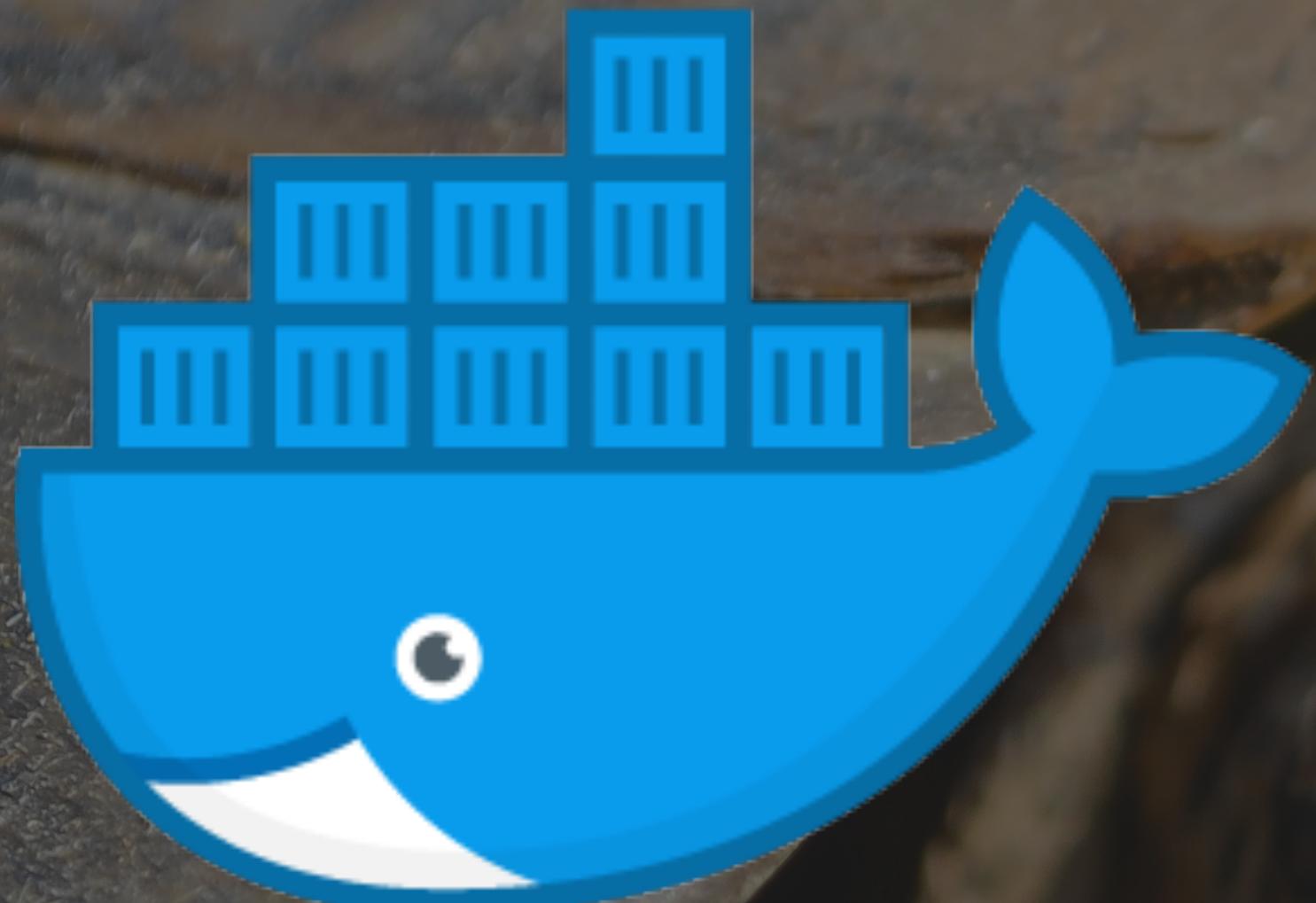
Containers are the “Fastest Growing Cloud Enabling Technology”



“By 2020, more than 50% of global organizations will be running containers in production. ”

-Gartner

@docker



@gordonTheTurtle



What will Docker do for me?

Docker is all about speed.

Develop Faster.

Build Faster.

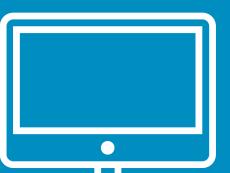
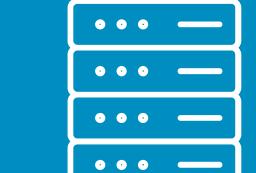
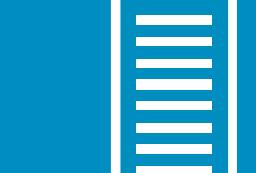
Test Faster.

Deploy Faster.

Update Faster.

Recover Faster.

The “Matrix from Hell” Breeds Complexity

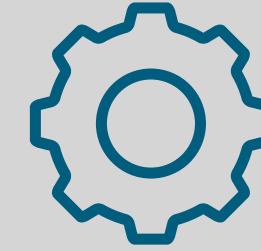
Static Website	?	?	?	?	?	?	?	?
Web Frontend	?	?	?	?	?	?	?	?
Background Workers	?	?	?	?	?	?	?	?
User DB	?	?	?	?	?	?	?	?
Analytics DB	?	?	?	?	?	?	?	?
Queue	?	?	?	?	?	?	?	?
	Desktop 	Test/QA Cluster 	Production Cluster 	Public Cloud 	Data Center 	Mainframe 	Windows Server 	Edge Device 

Containers Reduce Complexity

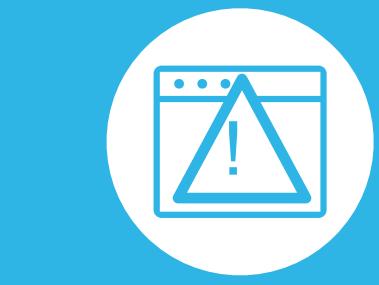


Maintenance and Complexity Drains Budgets, So Innovation Suffers



 80%
MAINTENANCE

 20%
INNOVATION



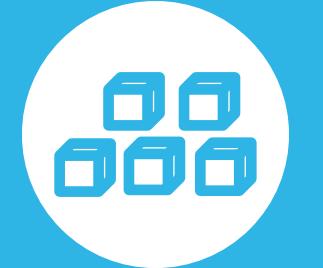
IT demands
increasing!



8+
IT Silos*



<20% server
utilization***



1000's
of apps

Stalled Initiatives

- Modernizing legacy apps
- Cloud migration
- Server consolidation
- Faster s/w time to market

60% of CIOs say
***"We're behind in digital
transformation"*****

* Average number infrastructures in the enterprise (on-prem and cloud)

** Forrester, CIO and the emerging Digital Crisis, 2018

*** CloudPhysics, Global IT Data Lake Report, Q4, '16

Sources: IDC "The Cost of Retaining Aging IT Infrastructure", RightScale 2017 State of the Cloud Report

500+ Build Their Containerization Strategy with Docker Enterprise Edition



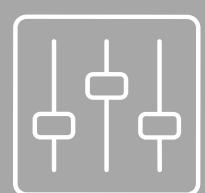
Oil & Gas /
Energy



Healthcare
& Science



Financial
Services



Tech



Insurance



Public
Sector



HALLIBURTON

AMGEN®

**Goldman
Sachs**



RSA

Anthem

GSA

Schlumberger

MERCK

**SOCIETE
GENERALE**

PayPal

**Alm
Brand**

kadaster

eogresources

HUDSONALPHA
INSTITUTE FOR BIOTECHNOLOGY

VISA

ADP®

splunk>

**Liberty Mutual.
INSURANCE**

MetLife

**CORNELL UNIVERSITY
FOUNDED A.D. 1865**

INDIANA UNIVERSITY



18 Month project
Migrated 700+ apps
Now 150,000 containers
50% dev productivity boost



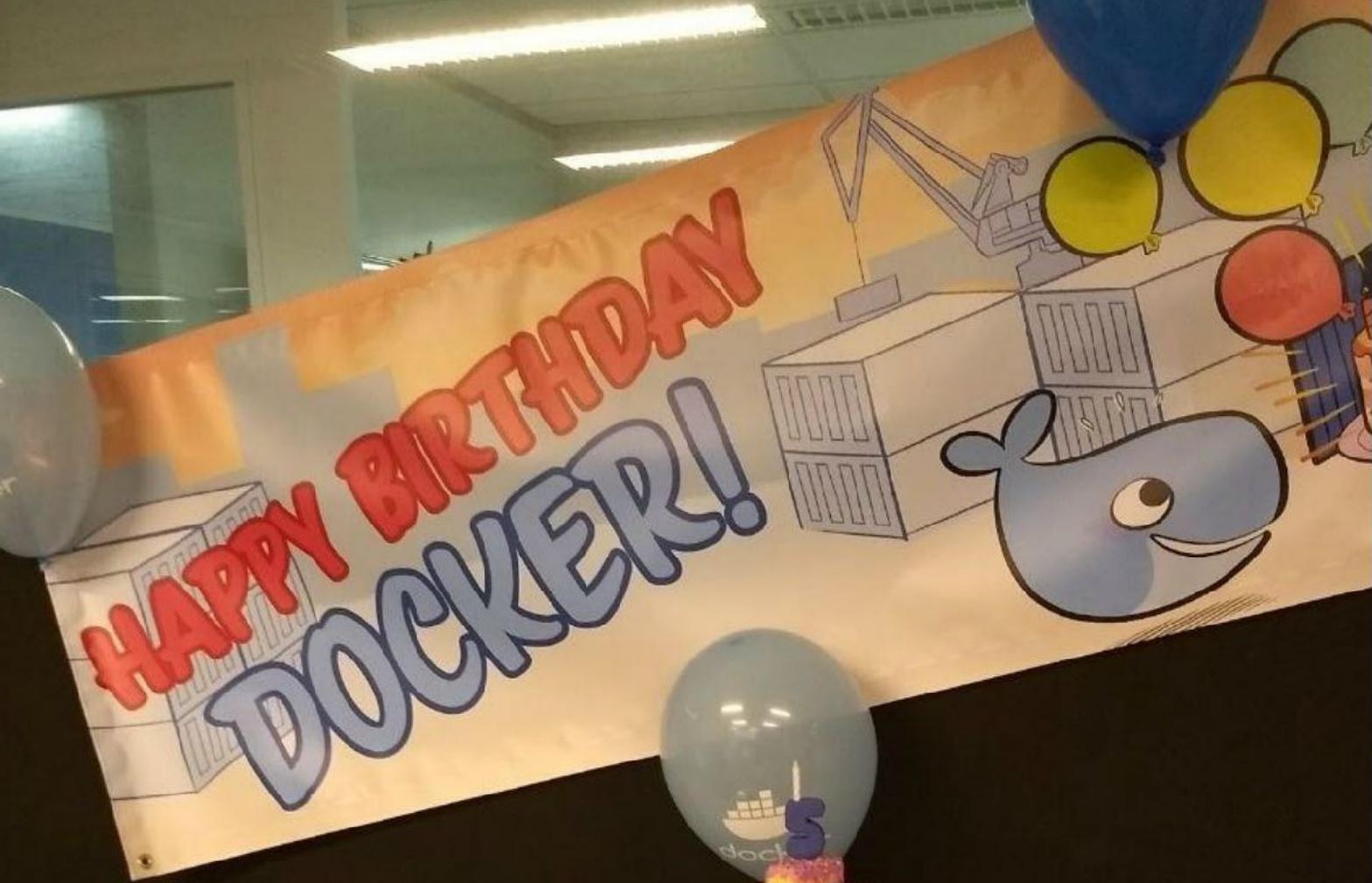
70% reduction in VM costs
67% fewer CPU's
10x average CPU utilization
66% cost reduction



docker

Docker Birthday #5 ★





App Definition & Development

Orchestration & Management

Runtime

Provisioning

Cloud

